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Technical Specification

**Methods for Testing and Specification (MTS);
TTCN-3 Conformance Test Suite;
Part 2: Test Suite Structure and Test Purposes (TSS&TP)**

Reference

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Keywords

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Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Methods for Testing and Specification (MTS).

The present document is part 2 of a multi-part deliverable covering a TTCN-3 conformance test suite, as identified below:

- Part 1: "Implementation Conformance Statement";
- Part 2: "Test Suite Structure and Test Purposes (TSS&TP)";**
- Part 3: "Abstract Test Suite (ATS) and Implementation eXtra Information for Testing (IXIT)".

1 Scope

The purpose of the present document is to provide Test Suite Structure and Test Purposes (TSS&TP) for conformance tests of the conformance test suite for TTCN-3 as defined in ES 201 873-1 [1] in compliance with the relevant guidance given in the proforma for TTCN-3 reference test suite TS 102 995 [4]. In the present document only the core language features, specified in ES 201 873-1 [1] have been considered but not the tool implementation (see [i.1] and [i.2]), language mapping (see [i.3], [i.4] and [i.5]) and language extension (see e.g. [i.6], [i.7] and [i.8]) aspects.

2 References

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the reference document (including any amendments) applies.

Referenced documents which are not found to be publicly available in the expected location might be found at <http://docbox.etsi.org/Reference>.

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2.1 Normative references

The following referenced documents are necessary for the application of the present document.

- [1] ETSI ES 201 873-1 (V4.4.1): "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 1: TTCN-3 Core Language".
- [2] ISO/IEC 9646-1:1994: "Information Technology - Open Systems Interconnection - Conformance Testing Methodology and Framework - Part 1: General concepts".
- [3] ISO/IEC 9646-7:1995: "Information technology -- Open Systems Interconnection -- Conformance testing methodology and framework -- Part 7: Implementation Conformance Statements".
- [4] ETSI TS 102 995: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Proforma for TTCN-3 reference test suite".

2.2 Informative references

The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

- [i.1] ETSI ES 201 873-5: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 5: TTCN-3 Runtime Interface (TRI)".
- [i.2] ETSI ES 201 873-6: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 6: TTCN-3 Control Interface (TCI)".
- [i.3] ETSI ES 201 873-7: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 7: Using ASN.1 with TTCN-3".
- [i.4] ETSI ES 201 873-8: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 8: The IDL to TTCN-3 Mapping".
- [i.5] ETSI ES 201 873-9: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 9: Using XML schema with TTCN-3".
- [i.6] ETSI ES 202 781: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; TTCN-3 Language Extensions: Configuration and Deployment Support".

- [i.7] ETSI ES 202 784: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; TTCN-3 Language Extensions: Advanced Parameterization".
- [i.8] ETSI ES 202 785: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; TTCN-3 Language Extensions: Behaviour Types".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in ISO/IEC 9646-1 [2], ISO/IEC 9646-7 [3], ES 201 873-1 [1] (TTCN-3) and the following apply:

Abstract Test Suite (ATS): test suite composed of abstract test cases

Implementation Conformance Statement (ICS): statement made by the supplier of an implementation claimed to conform to a given specification, stating which capabilities have been implemented

ICS proforma: document, in the form of a questionnaire, which when completed for an implementation or system becomes an ICS

Implementation eXtra Information for Testing (IXIT): statement made by a supplier or implementor of an IUT which contains or references all of the information related to the IUT and its testing environment, which will enable the test laboratory to run an appropriate test suite against the IUT

IXIT proforma: document, in the form of a questionnaire, which when completed for the IUT becomes the IXIT

Implementation Under Test (IUT): implementation of one or more OSI protocols in an adjacent user/provider relationship, being part of a real open system which is to be studied by testing

3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

ATS	Abstract Test Suite
ICS	Implementation Conformance Statement
IUT	Implementation under Test
IXIT	Implementation eXtra Information for Testing
SUT	System Under Test
TC	Test Case
TCI	TTCN-3 Control Interface
TP	Test Purpose
TRI	TTCN-3 Runtime Interface
TS	Test System
TSS	Test Suite Structure
TSS&TP	Test Suite Structure and Test Purposes
TTCN-3	Testing and Test Control Notation edition 3

4 Test Suite Structure (TSS)

The Test Suite Structure is in close alignment with ES 201 873-1 [1], containing:

- a) positive syntactical tests (Table 1);
- b) positive semantical tests (Table 1);
- c) negative syntactical tests (Table 2); and
- d) negative semantical tests (Table 2).

The execution order of the TTCN-3 tool conformance test cases is specified in the dependencies section of test purpose descriptions.

Table 1: Test suite structure, positive tests

5 Basic language elements	5.1 Identifiers and keywords	Syn_0501_Identifier_001
	5.2 Scope rules	Sem_0502_Scope_001
		Sem_0502_Scope_002
		Sem_0502_Scope_003
		Sem_0502_Scope_004
		Sem_0502_Scope_008
		Syn_0502_Scope_001
	5.2.1 Scope of formal parameters	Sem_050201_Scope_of_parameters_001
		Sem_050201_Scope_of_parameters_002
	5.2.2 Uniqueness of identifiers	Sem_050202_Uniqueness_001
		Sem_050202_Uniqueness_002
		Sem_050202_Uniqueness_003
	5.3 Ordering of language elements	Sem_0503_Ordering_001
		Sem_0503_Ordering_002
		Sem_0503_Ordering_005
	5.4.1.1 Formal parameters of kind value	Sem_05040101_parameters_of_kind_value_001
		Sem_05040101_parameters_of_kind_value_002
Sem_05040101_parameters_of_kind_value_003		
Sem_05040101_parameters_of_kind_value_004		
5.4.1.2 Formal parameters of kind template	Sem_05040102_parameters_of_kind_template_001	
	Sem_05040102_parameters_of_kind_template_002	
5.4.1.3 Formal parameters of kind timer	Sem_05040103_parameters_of_kind_timer_001	
5.4.1.4 Formal parameters of kind port	Sem_05040104_parameters_of_kind_port_001	
5.4.2 Actual parameters	Sem_050402_actual_parameters_001	
	Sem_050402_actual_parameters_002	
5.5 Cyclic definitions	Sem_0505_cyclic_definitions_001	
	Sem_0505_cyclic_definitions_002	
6 Types and values	6.1.0 Simple basic types and values	Sem_060100_SimpleBasicTypes_001
		Sem_060100_SimpleBasicTypes_002
		Sem_060100_SimpleBasicTypes_003
		Sem_060100_SimpleBasicTypes_004
		Sem_060100_SimpleBasicTypes_005
		Syn_060100_SimpleBasicTypes_001
		Syn_060100_SimpleBasicTypes_002
		Syn_060100_SimpleBasicTypes_003
		Syn_060100_SimpleBasicTypes_004
		Syn_060100_SimpleBasicTypes_005
		Syn_060100_SimpleBasicTypes_006
		6.1.1 Basic string types and values
	Sem_060101_TopLevel_002	
	Sem_060101_TopLevel_003	
	Sem_060101_TopLevel_004	
	Sem_060101_TopLevel_005	
	Sem_060101_TopLevel_006	
	Syn_060101_TopLevel_001	
	Syn_060101_TopLevel_002	
	Syn_060101_TopLevel_003	
	6.1.1.1 Accessing individual string elements	Sem_06010101_AccessStringElements_001
		Sem_06010101_AccessStringElements_002
		Sem_06010101_AccessStringElements_003
Sem_06010101_AccessStringElements_004		
Sem_06010101_AccessStringElements_005		

		Sem_06010101_AccessStringElements_006
		Sem_06010101_AccessStringElements_007
		Sem_06010101_AccessStringElements_008
6.1.2.1 Lists of values		Sem_06010201_ListOfValues_001
6.1.2.2 Lists of types		Sem_06010202_ListOfTypes_001
6.1.2.3 Ranges		Sem_06010203_Ranges_001
		Sem_06010203_Ranges_002
		Sem_06010203_Ranges_003
		Sem_06010203_Ranges_004
		Sem_06010203_Ranges_005
		Sem_06010203_Ranges_006
		Sem_06010203_Ranges_007
		Sem_06010203_Ranges_008
6.1.2.4 String length restrictions		Sem_06010204_StringLenghtRestrict_001
6.1.2.5 Pattern subtyping of character string types		Sem_06010205_StringPattern_001
		Sem_06010205_StringPattern_002
6.1.2.6.1 Mixing patterns, lists and ranges		Sem_0601020601_MixingSubtype_001
		Sem_0601020601_MixingSubtype_002
6.1.2.6.2 Using length restriction with other constraints		Sem_0601020602_StringMixing_001
		Sem_0601020602_StringMixing_002
		Sem_0601020602_StringMixing_003
		Sem_0601020602_StringMixing_004
		Sem_0601020602_StringMixing_005
		Sem_0601020602_StringMixing_006
6.2 Structured types and values		Sem_0602_TopLevel_001
		Sem_0602_TopLevel_002
		Sem_0602_TopLevel_003
		Syn_0602_TopLevel_001
		Syn_0602_TopLevel_002
		Syn_0602_TopLevel_003
		Syn_0602_TopLevel_004
	Syn_0602_TopLevel_005	
6.2.1 Record type and values		Sem_060201_RecordTypeValues_001
		Sem_060201_RecordTypeValues_002
		Sem_060201_RecordTypeValues_003
		Sem_060201_RecordTypeValues_004
		Syn_060201_RecordTypeValues_001
		Syn_060201_RecordTypeValues_002
6.2.3.2 Referencing elements of record of and set of types		Sem_060203_records_and_sets_of_single_types_001
6.2.9 Communication port types		Sem_060209_CommunicationPortTypes_001
		Sem_060209_CommunicationPortTypes_002
		Sem_060209_CommunicationPortTypes_003
		Sem_060209_CommunicationPortTypes_004
		Syn_060209_CommunicationPortTypes_001
		Syn_060209_CommunicationPortTypes_002
		Syn_060209_CommunicationPortTypes_003
		Syn_060209_CommunicationPortTypes_004
		Syn_060209_CommunicationPortTypes_005
		Syn_060209_CommunicationPortTypes_006
	Syn_060209_CommunicationPortTypes_007	
6.2.12 Addressing entities inside		Sem_060212_AddresssingEntitiesInsideSut_001
		Sem_060212_AddresssingEntitiesInsideSut_002

	the SUT	
	6.3.1 Type compatibility of non-structured types	Sem_060301_non_structured_types_001 Sem_060301_non_structured_types_002 Sem_060301_non_structured_types_003 Sem_060301_non_structured_types_004
	6.3.2 Type compatibility of structured types	Sem_060302_structured_types_001 Sem_060302_structured_types_002 Sem_060302_structured_types_003 Sem_060302_structured_types_004 Sem_060302_structured_types_005 Sem_060302_structured_types_006
	6.3.3 Type compatibility of component types	Sem_060303_component_types_001 Sem_060303_component_types_002
7 Expression	7.1.1 Arithmetic operators	Sem_070101_ArithmeticOperators_001 Sem_070101_ArithmeticOperators_002 Sem_070101_ArithmeticOperators_003 Sem_070101_ArithmeticOperators_004 Sem_070101_ArithmeticOperators_005 Sem_070101_ArithmeticOperators_006 Sem_070101_ArithmeticOperators_007 Sem_070101_ArithmeticOperators_008 Sem_070101_ArithmeticOperators_009 Sem_070101_ArithmeticOperators_010 Sem_070101_ArithmeticOperators_011 Sem_070101_ArithmeticOperators_012 Sem_070101_ArithmeticOperators_013 Sem_070101_ArithmeticOperators_014 Sem_070101_ArithmeticOperators_015 Sem_070101_ArithmeticOperators_016 Sem_070101_ArithmeticOperators_017 Sem_070101_ArithmeticOperators_018 Sem_070101_ArithmeticOperators_019 Sem_070101_ArithmeticOperators_020 Sem_070101_ArithmeticOperators_021 Sem_070101_ArithmeticOperators_022 Sem_070101_ArithmeticOperators_023 Syn_070101_ArithmeticOperators_001 Syn_070101_ArithmeticOperators_002 Syn_070101_ArithmeticOperators_003 Syn_070101_ArithmeticOperators_004 Syn_070101_ArithmeticOperators_005 Syn_070101_ArithmeticOperators_006 Syn_070101_ArithmeticOperators_007 Syn_070101_ArithmeticOperators_008 Syn_070101_ArithmeticOperators_009 Syn_070101_ArithmeticOperators_010 Syn_070101_ArithmeticOperators_011 Syn_070101_ArithmeticOperators_012
	7.1.2 List operator	Sem_070102_ListOperator_001 Sem_070102_ListOperator_002 Sem_070102_ListOperator_003 Sem_070102_ListOperator_004 Sem_070102_ListOperator_005 Sem_070102_ListOperator_006
	7.1.3 Relational operators	Sem_070103_RelationalOperators_001 Sem_070103_RelationalOperators_002 Sem_070103_RelationalOperators_003 Sem_070103_RelationalOperators_004 Sem_070103_RelationalOperators_005 Sem_070103_RelationalOperators_006 Sem_070103_RelationalOperators_007 Sem_070103_RelationalOperators_008

		Sem_070103_RelationalOperators_009
		Sem_070103_RelationalOperators_010
		Sem_070103_RelationalOperators_011
		Sem_070103_RelationalOperators_012
		Sem_070103_RelationalOperators_013
		Sem_070103_RelationalOperators_014
		Sem_070103_RelationalOperators_015
		Sem_070103_RelationalOperators_016
		Sem_070103_RelationalOperators_017
		Sem_070103_RelationalOperators_018
		Sem_070103_RelationalOperators_019
		Sem_070103_RelationalOperators_020
		Sem_070103_RelationalOperators_021
		Sem_070103_RelationalOperators_022
		Sem_070103_RelationalOperators_023
		Sem_070103_RelationalOperators_024
		Sem_070103_RelationalOperators_025
		Sem_070103_RelationalOperators_026
		Sem_070103_RelationalOperators_027
		Sem_070103_RelationalOperators_028
		Sem_070103_RelationalOperators_029
		Sem_070103_RelationalOperators_030
		Sem_070103_RelationalOperators_031
		Sem_070103_RelationalOperators_032
		Sem_070103_RelationalOperators_033
		Sem_070103_RelationalOperators_034
	7.1.4 Logical operators	Sem_070104_LogicalOperators_001
		Sem_070104_LogicalOperators_002
	7.1.5 Bitwise operators	Sem_070105_BitwiseOperators_001
		Sem_070105_BitwiseOperators_002
	7.1.6 Shift operators	Sem_070106_ShiftOperators_001
		Sem_070106_ShiftOperators_002
		Sem_070106_ShiftOperators_003
		Sem_070106_ShiftOperators_004
	7.1.7 Rotate operators	Sem_070107_RotateOperators_001
		Sem_070107_RotateOperators_002
		Sem_070107_RotateOperators_003
		Sem_070107_RotateOperators_004
	7.2 Field references and list elements	Sem_0702_FieldReferencesAndListElements_001
		Sem_0702_FieldReferencesAndListElements_002
8 Modules	8.1 Definition of a module	Syn_0801_DefinitionOfAModule_001
		Syn_0801_DefinitionOfAModule_002
		Syn_0801_DefinitionOfAModule_003
		Syn_0801_DefinitionOfAModule_004
		Syn_0801_DefinitionOfAModule_005
		Syn_0801_DefinitionOfAModule_006
	8.2 Module definitions part	Syn_0802_ModuleDefinitionsPart_001
		Syn_0802_ModuleDefinitionsPart_002
	8.2.1 Module parameters	Sem_080201_ModuleParameters_001
		Syn_080201_ModuleParameters_001
		Syn_080201_ModuleParameters_002
		Syn_080201_ModuleParameters_003
	8.2.2 Groups of definitions	Syn_080202_GroupOfDefinitions_001
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	8.2.3.2 Importing single definitions	Sem_08020302_ImportingSingleDefinitions_001
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	8.2.3.3	Sem_08020303_ImportingGroups_001		
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		8.2.3.5	Sem_08020305_ImportingAllDefinitionsOfAModule_001	
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		8.2.3.6	Sem_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_001	
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		8.2.3.7	Sem_08020307_ImportingOfImportStatementsFromT3Modules_001	
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		8.2.4	Sem_080204_DefinitionOfFriendModules_001	
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	8.3	Sem_0803_ModuleControlPart_001		
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	9	Sem_0901_Communication_ports_001		
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		Sem_210102_disconnect_operation_001		
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		10	Sem_10_Constants_001	
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				Syn_10_Constants_001
Syn_10_Constants_002				
Syn_10_Constants_003				
Syn_10_Constants_004				
11	Sem_1101_ValueVars_001			
Declaring variables	11.1 Value variables	Sem_1101_ValueVars_002		
		Sem_1101_ValueVars_003		
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		11.2	Sem_1102_TemplateVars_001	
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12 Declaring timers	Top level	Sem_12_toplevel_timer_001		
		Sem_12_toplevel_timer_002		
		Sem_12_toplevel_timer_003		
		Sem_12_toplevel_timer_004		
		Sem_12_toplevel_timer_005		
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		Syn_12_toplevel_timer_005		
		Syn_12_toplevel_timer_006		
		Sem_13_declaring_msg_001		
13 Declaring messages	Top level	Sem_13_toplevel_declaring_msg_various_types_001		
		Sem_13_toplevel_declaring_msg_various_types_002		
		Sem_13_toplevel_declaring_msg_various_types_003		
		Sem_13_toplevel_declaring_msg_various_types_004		
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		Sem_13_toplevel_declaring_msg_various_types_007		
		Sem_13_toplevel_declaring_msg_various_types_008		
		Sem_13_toplevel_declaring_msg_various_types_009		
		Sem_13_toplevel_declaring_msg_various_types_010		
		Sem_13_toplevel_declaring_msg_various_types_011		
		Sem_13_toplevel_declaring_msg_various_types_012		
		Sem_13_toplevel_declaring_msg_various_types_013		
		Sem_13_toplevel_declaring_msg_various_types_014		
		14 Declaring procedure signatures	Top level	Sem_1400_procedure_signatures_001
				Sem_1400_procedure_signatures_002
Sem_1400_procedure_signatures_003				
Sem_1400_procedure_signatures_004				
15 Declaring templates	Top level	Syn_15_TopLevel_001		
	15.1 Declaring message templates	Syn_1501_DeclaringMessageTemplates_001		
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		Syn_1501_DeclaringMessageTemplates_004		
		Syn_1501_DeclaringMessageTemplates_005		
		Syn_1501_DeclaringMessageTemplates_006		
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		Sem_1503_GlobalAndLocalTemplates_004		
		Sem_1503_GlobalAndLocalTemplates_005		
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	15.6.3 Referencing record of and set of elements	Sem_150603_ReferencingRecordOfAndSetElements_001
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		Sem_150603_ReferencingRecordOfAndSetElements_005
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		Sem_1508_TemplateRestrictions_006
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	15.9 Match operation	Sem_1509_MatchOperation_001
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		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_010
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_011
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_012
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16 Functions, altsteps and testcases	16.1 Functions	Sem_1601_toplevel_001
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		Sem_160102_predefined_functions_006
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23 Timer operations	Top level	Sem_2302_timer_start_001
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24 Test verdict operations	Top level	Sem_13_declaring_msg_002
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		Sem_2401_LocalVerdict_001
		Sem_2401_LocalVerdict_002
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		Sem_2401_LocalVerdict_012	
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	24.3 The getverdict mechanism	Sem_2403_getverdict_001	
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26 Module control	Top level	Syn_26_ModuleControl_001	
		Syn_26_ModuleControl_002	
		Syn_26_ModuleControl_003	
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	26.2 The control part	Sem_2602_TheControlPart_001	
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27 Specifying attributes	27.1.1 Scope of attributes	Syn_270101_ScopeOfAttributes_001	
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		Sem_B0101_matching_specific_value_008	
		Sem_B0101_matching_specific_value_009	
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		Sem_B010202_complemented_value_list_004
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		Sem_B010202_complemented_value_list_006
	B.1.2.3 Any value	Sem_B010203_any_value_001
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	B.1.2.4 Any value or none	Sem_B010204_any_value_or_none_001
	B.1.2.5 Value range	Sem_B010205_value_range_001
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		Sem_B010205_value_range_007
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		Sem_B010301_any_element_004
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		Sem_B010301_any_element_006
		Sem_B010301_any_element_007
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	B.1.3.2 Any number of elements of no element	Sem_B010302_any_number_of_elements_or_none_001
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	Sem_B010502_reference_expression_002	
	Sem_B010502_reference_expression_003	
	Sem_B010502_reference_expression_004	
	Sem_B010502_reference_expression_005	
	Sem_B010502_reference_expression_006	
	Sem_B010502_reference_expression_007	
	Sem_B010502_reference_expression_008	
	Sem_B010502_reference_expression_009	

	B.1.5.3 Match expression n times	Sem_B010503_match_n_times_001
		Sem_B010503_match_n_times_002
		Sem_B010503_match_n_times_003
		Sem_B010503_match_n_times_004
		Sem_B010503_match_n_times_005
	B.1.5.4 Match a referenced character set	Sem_B010504_match_referenced_characters_001
		Sem_B010504_match_referenced_characters_002
		Sem_B010504_match_referenced_characters_003
		Sem_B010504_match_referenced_characters_004
		Sem_B010504_match_referenced_characters_005
		Sem_B010504_match_referenced_characters_006
		Sem_B010504_match_referenced_characters_007
	B.1.5.5 Type compatibility rules for patterns	Sem_B010505_pattern_compatibility_001
		Sem_B010505_pattern_compatibility_002

Table 2: Test suite structure, negative tests

5 Basic language elements	Top level	NegSyn_05_TopLevel_001
	5.1 Identifiers and keywords	NegSem_0501_Identifier_001
		NegSyn_0501_Identifier_001
	5.2 Scope rules	NegSem_0502_Scope_001
		NegSem_0502_Scope_002
		NegSem_0502_Scope_003
	5.2.2 Uniqueness of identifiers	NegSem_050202_Uniqueness_001
		NegSem_050202_Uniqueness_004
		NegSem_050202_Uniqueness_005
		NegSem_050202_Uniqueness_006
		NegSem_050202_Uniqueness_007
		NegSem_050202_Uniqueness_008
		NegSem_050202_Uniqueness_009
		NegSem_050202_Uniqueness_010
		NegSem_050202_Uniqueness_011
		NegSem_050202_Uniqueness_012
5.3 Ordering of language elements	NegSem_0503_Ordering_001	
	NegSem_0503_Ordering_002	
	NegSem_0503_Ordering_003	
5.4 Parametrization	NegSem_0504_parametrization_incompatibility_001	
	NegSyn_0504_forbidden_parametrization_001	
	NegSyn_0504_forbidden_parametrization_002	
6 Types and values	6.1.0 Simple basic types and values	NegSyn_060100_SimpleBasicTypes_001
		NegSyn_060100_SimpleBasicTypes_002
		NegSyn_060100_SimpleBasicTypes_003
		NegSyn_060100_SimpleBasicTypes_004
		NegSyn_060100_SimpleBasicTypes_005
		NegSyn_060100_SimpleBasicTypes_006
	6.1.1 Basic string types and values	NegSyn_060101_TopLevel_001
		NegSyn_060101_TopLevel_002
		NegSyn_060101_TopLevel_003
		NegSyn_060101_TopLevel_004
		NegSyn_060101_TopLevel_005
		NegSyn_060101_TopLevel_006
		NegSyn_060101_TopLevel_007
		NegSyn_060101_TopLevel_008
		NegSyn_060101_TopLevel_009
		NegSyn_060101_TopLevel_010
	6.1.2.1 Lists of values	NegSem_06010201_ListOfValues_001
		NegSem_06010201_ListOfValues_002
		NegSem_06010201_ListOfValues_003
		NegSem_06010201_ListOfValues_004
		NegSem_06010201_ListOfValues_005
		NegSem_06010201_ListOfValues_006

6.1.2.2 Lists of types	NegSem_06010202_ListOfTypes_001
6.1.2.3 Ranges	NegSem_06010203_Ranges_001
	NegSem_06010203_Ranges_002
	NegSem_06010203_Ranges_003
	NegSem_06010203_Ranges_004
	NegSem_06010203_Ranges_005
	NegSem_06010203_Ranges_006
	NegSem_06010203_Ranges_007
	NegSem_06010203_Ranges_008
	NegSem_06010203_Ranges_009
	NegSem_06010203_Ranges_010
	NegSem_06010203_Ranges_011
	NegSem_06010203_Ranges_012
	NegSem_06010203_Ranges_013
	NegSem_06010203_Ranges_014
	NegSem_06010203_Ranges_015
	NegSem_06010203_Ranges_016
	NegSem_06010203_Ranges_017
6.1.2.4 String length restrictions	NegSem_06010204_StringLenghtRestrict_001
	NegSem_06010204_StringLenghtRestrict_002
6.1.2.5 Pattern subtyping of character string types	NegSem_06010205_StringPattern_001
6.1.2.6.1 Mixing patterns, lists and ranges	NegSem_0601020601_MixingSubtype_001
	NegSem_0601020601_MixingSubtype_002
6.1.2.6.2 Using length restriction with other constraints	NegSem_0601020602_StringMixing_001
	NegSem_0601020602_StringMixing_002
	NegSem_0601020602_StringMixing_003
	NegSem_0601020602_StringMixing_004
	NegSem_0601020602_StringMixing_005
	NegSem_0601020602_StringMixing_006
6.2 Structured types and values	NegSem_0602_TopLevel_001
	NegSem_0602_TopLevel_002
	NegSyn_0602_TopLevel_001
	NegSyn_0602_TopLevel_002
	NegSyn_0602_TopLevel_003
	NegSyn_0602_TopLevel_004
NegSyn_0602_TopLevel_005	
6.2.1 Record type and values	NegSem_060201_RecordTypeValues_001
6.2.3.2 Referencing elements of record of and set of types	NegSem_060203_records_and_sets_of_single_types_001
	NegSem_060203_records_and_sets_of_single_types_002
6.2.9 Communication port types	NegSem_060209_CommunicationPortTypes_001
	NegSem_060209_CommunicationPortTypes_002
	NegSem_060209_CommunicationPortTypes_003
6.2.12 Addressing entities inside the SUT	NegSem_060212_AddressingEntitiesInsideSut_001
6.3.1 Type compatibility of non-structured types	NegSem_060301_non_structured_types_001
	NegSem_060301_non_structured_types_002
	NegSem_060301_non_structured_types_003
	NegSem_060301_non_structured_types_004
	NegSem_060301_non_structured_types_005
	NegSem_060301_non_structured_types_006
	NegSem_060301_non_structured_types_007
	NegSem_060301_non_structured_types_008
	NegSem_060301_non_structured_types_009
	NegSem_060301_non_structured_types_010
	NegSem_060301_non_structured_types_011
	NegSem_060301_non_structured_types_012
6.3.2 Type compatibility of structured types	NegSem_060302_structured_types_002
	NegSem_060302_structured_types_003
	NegSem_060302_structured_types_004
	NegSem_060302_structured_types_005
	NegSem_060302_structured_types_006
	NegSem_060302_structured_types_006

		NegSem_060302_structured_types_007
		NegSem_060302_structured_types_008
		NegSem_060302_structured_types_009
		NegSem_060302_structured_types_010
		NegSem_060302_structured_types_011
		NegSem_060302_structured_types_012
		NegSem_060302_structured_types_013
		NegSem_060302_structured_types_014
		NegSem_060302_structured_types_015
		NegSem_060302_structured_types_016
		NegSem_060302_structured_types_017
		NegSem_060302_structured_types_018
		NegSem_060302_structured_types_019
	6.3.2.1 Type compatibility of enumerated types	NegSem_060302_structured_types_001
	6.3.3 Type compatibility of component types	NegSem_060303_component_types_001
		NegSem_060303_component_types_002
7 Expression	7.1.3 Relational operators	NegSem_070103_RelationalOperators_001
8 Modules	8.1 Definition of a module	NegSyn_0801_DefinitionOfAModule_001
	8.2.3.1 General format of import	NegSem_08020301_GeneralFormatOfImport_001
		NegSem_08020301_GeneralFormatOfImport_002
	8.2.3.3 Importing groups	NegSem_08020303_ImportingGroups_001
	8.2.3.4 Importing definitions of the same kind	NegSem_08020301_GeneralFormatOfImport_003
		NegSem_08020301_GeneralFormatOfImport_004
	8.2.3.5 Importing all definitions of a module	NegSem_08020305_ImportingAllDefinitionsOfAModule_001
	8.2.3.7 Importing of import statements from TTCN-3 modules	NegSem_08020307_ImportingOfImportStatementsFromT3Modules_001
		NegSem_08020307_ImportingOfImportStatementsFromT3Modules_002
	8.2.3.8 Compatibility of language specifications of imports	NegSem_08020308_ImportingOfImportStatementsFromT3Modules_001
	8.2.4 Definition of friend modules	NegSem_080204_DefinitionOfFriendModules_001
		NegSem_080204_DefinitionOfFriendModules_002
	8.2.5 Visibility of definitions	NegSem_080205_VisibilityOfDefinitions_001
		NegSem_080205_VisibilityOfDefinitions_002
		NegSem_080205_VisibilityOfDefinitions_003
		NegSem_080205_VisibilityOfDefinitions_004
		NegSem_080205_VisibilityOfDefinitions_005
	8.3 Module control part	NegSyn_0803_ModuleControlPart_001
9 Port types, component types and test configurations	Top level	NegSem_0901_Communication_ports_002
		NegSem_0901_Communication_ports_003
		NegSem_0902_Communication_ports_001
		NegSem_0902_Communication_ports_002
		NegSem_0902_Communication_ports_003
		NegSem_0902_Communication_ports_004
		NegSem_210102_disconnect_operation_001
	9.1 Communication ports	NegSem_0901_Communication_ports_001
10 Declaring constants	Top level	NegSem_10_Constants_001
11 Declaring variables	11.1 Value variables	NegSem_1101_ValueVars_001
		NegSem_1101_ValueVars_002
		NegSyn_1101_ValueVars_001
	11.2 Template variables	NegSem_1102_TemplateVars_001
		NegSem_1102_TemplateVars_002
		NegSyn_1102_TemplateVars_001
12 Declaring timers	Top level	NegSem_12_toplevel_timer_001
		NegSem_12_toplevel_timer_002
		NegSem_12_toplevel_timer_003
		NegSem_12_toplevel_timer_004
		NegSem_12_toplevel_timer_005
		NegSem_12_toplevel_timer_006
		NegSem_12_toplevel_timer_007

		NegSem_12_toplevel_timer_008
		NegSyn_12_toplevel_timer_001
		NegSyn_12_toplevel_timer_002
		NegSyn_12_toplevel_timer_003
		NegSyn_12_toplevel_timer_005
		NegSyn_12_toplevel_timer_006
		NegSyn_12_toplevel_timer_007
14 Declaring procedure signatures	Top level	NegSem_1400_procedure_signatures_002
15 Declaring templates	Top level	NegSem_15_TopLevel_001
	15.5 Modified templates	NegSem_1505_ModifiedTemplates_001
		NegSem_1505_ModifiedTemplates_002
		NegSem_1505_ModifiedTemplates_003
		NegSem_1505_ModifiedTemplates_004
		NegSem_1505_ModifiedTemplates_005
		NegSem_1505_ModifiedTemplates_006
		NegSem_1505_ModifiedTemplates_007
	15.6.1 Referencing individual string elements	NegSem_150601_ReferencingIndividualStringElements_001
	15.6.2 Referencing record and set fields	NegSem_150602_ReferencingRecordAndSetFields_001
		NegSem_150602_ReferencingRecordAndSetFields_002
		NegSem_150602_ReferencingRecordAndSetFields_003
		NegSem_150602_ReferencingRecordAndSetFields_004
		NegSem_150602_ReferencingRecordAndSetFields_005
	15.6.3 Referencing record of and set of elements	NegSem_150603_ReferencingRecordOfAndSetElements_001
		NegSem_150603_ReferencingRecordOfAndSetElements_002
		NegSem_150603_ReferencingRecordOfAndSetElements_003
		NegSem_150603_ReferencingRecordOfAndSetElements_004
		NegSem_150603_ReferencingRecordOfAndSetElements_005
		NegSem_150603_ReferencingRecordOfAndSetElements_006
		NegSem_150603_ReferencingRecordOfAndSetElements_007
		NegSem_150603_ReferencingRecordOfAndSetElements_008
		NegSem_150603_ReferencingRecordOfAndSetElements_009
		NegSem_150603_ReferencingRecordOfAndSetElements_010
	15.8 Template restrictions	NegSem_1508_TemplateRestrictions_001
		NegSem_1508_TemplateRestrictions_002
		NegSem_1508_TemplateRestrictions_003
		NegSem_1508_TemplateRestrictions_004
		NegSem_1508_TemplateRestrictions_005
		NegSem_1508_TemplateRestrictions_006
		NegSem_1508_TemplateRestrictions_007
		NegSem_1508_TemplateRestrictions_008
		NegSem_1508_TemplateRestrictions_009
NegSem_1508_TemplateRestrictions_010		
NegSem_1508_TemplateRestrictions_011		
NegSem_1508_TemplateRestrictions_012		
NegSem_1508_TemplateRestrictions_013		
NegSem_1508_TemplateRestrictions_014		
NegSem_1508_TemplateRestrictions_015		
NegSem_1508_TemplateRestrictions_016		
NegSem_1508_TemplateRestrictions_017		
NegSem_1508_TemplateRestrictions_018		
NegSem_1508_TemplateRestrictions_019		
NegSem_1508_TemplateRestrictions_020		
NegSem_1508_TemplateRestrictions_021		
NegSem_1508_TemplateRestrictions_022		
NegSem_1508_TemplateRestrictions_023		
NegSem_1508_TemplateRestrictions_024		
NegSem_1508_TemplateRestrictions_025		
NegSem_1508_TemplateRestrictions_026		
15.9 Match operation	NegSem_1509_MatchOperation_001	
15.10 Valueof operation	NegSem_1510_ValueOfOperation_001	
	NegSem_1510_ValueOfOperation_002	

		NegSem_1510_ValueOfOperation_003	
		NegSem_1510_ValueOfOperation_004	
	15.11 Concatenating templates of string and list types	NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_001	
		NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_002	
		NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_003	
		NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_004	
		NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_005	
		NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_006	
16 Functions, altsteps and testcases	16.1 Functions	NegSem_1601_toplevel_001	
		NegSem_1601_toplevel_002	
		NegSem_1601_toplevel_003	
		NegSem_1601_toplevel_004	
		NegSem_1601_toplevel_005	
		NegSem_1601_toplevel_006	
	16.1.2 Predefined functions	NegSem_160102_predefined_functions_001	
		NegSem_160102_predefined_functions_002	
		NegSem_160102_predefined_functions_003	
		NegSem_160102_predefined_functions_004	
		NegSem_160102_predefined_functions_005	
		NegSem_160102_predefined_functions_006	
		NegSem_160102_predefined_functions_007	
		NegSem_160102_predefined_functions_008	
		NegSem_160102_predefined_functions_009	
		NegSem_160102_predefined_functions_010	
		NegSem_160102_predefined_functions_011	
		NegSem_160102_predefined_functions_014	
		NegSem_160102_predefined_functions_015	
		NegSem_160102_predefined_functions_016	
		NegSem_160102_predefined_functions_017	
		NegSem_160102_predefined_functions_018	
		NegSem_160102_predefined_functions_019	
		NegSem_160102_predefined_functions_020	
		NegSem_160102_predefined_functions_021	
		NegSem_160102_predefined_functions_022	
		NegSem_160102_predefined_functions_023	
		NegSem_160102_predefined_functions_024	
		NegSem_160102_predefined_functions_025	
		NegSem_160102_predefined_functions_026	
		NegSem_160102_predefined_functions_027	
		NegSem_160102_predefined_functions_028	
		NegSem_160102_predefined_functions_029	
		NegSem_160102_predefined_functions_030	
		NegSem_160102_predefined_functions_031	
		16.1.3 External functions	NegSem_160103_external_functions_001
			NegSem_160103_external_functions_002
	NegSem_160103_external_functions_003		
	16.1.4 Invoking function from specific places	NegSem_160104_invoking_functions_from_specific_places_001	
		NegSem_160104_invoking_functions_from_specific_places_002	
		NegSem_160104_invoking_functions_from_specific_places_003	
		NegSem_160104_invoking_functions_from_specific_places_004	
	16.2 Altsteps	NegSem_1602_toplevel_001	
NegSem_1602_toplevel_002			
NegSem_1602_toplevel_003			
NegSem_1602_toplevel_004			
NegSem_1602_toplevel_005			
NegSem_1602_toplevel_006			
	NegSyn_1602_toplevel_001		
16.2.1 Invoking altsteps	NegSem_160201_invoking_altsteps_001		
16.3 Test cases	NegSem_1603_testcases_001		
	NegSem_1603_testcases_002		
19 Basic program statements	19.1 Assignments	NegSem_1901_assignments_001	
		NegSem_1901_assignments_002	
		NegSem_1901_assignments_003	
		NegSyn_1901_assignments_001	

	19.2 The if-else statement	NegSyn_1902_if_else_statement_001
	19.4 The for statement	NegSem_1904_for_statement_001
	19.5 The while statement	NegSem_1905_while_statement_001
	19.6 The do-while statement	NegSem_1906_do_while_statement_001
	19.7 The label statement	NegSem_1907_label_statement_001 NegSyn_1907_label_statement_001 NegSyn_1907_label_statement_002
	19.8 The goto statement	NegSem_1908_goto_statement_001 NegSem_1908_goto_statement_002 NegSem_1908_goto_statement_003
	19.10 The return statement	NegSem_1910_return_statement_001
	19.11 The log statement	NegSem_1911_log_statement_001
20 Statement and operations for alternative behaviours	20.3 The repeat statement	NegSem_2003_the_repeat_statement_001
	20.4 The interleave statement	NegSem_2004_InterleaveStatement_001 NegSyn_2004_InterleaveStatement_001 NegSyn_2004_InterleaveStatement_002
21 Configuration operations	Top level	NegSem_210101_connect_operation_001 NegSem_210101_connect_operation_002
	21.1 Connection operations	NegSem_210101_map_operation_001 NegSem_210101_map_operation_002
	21.2 Test case operations	NegSem_2102_testcase_stop_001
	21.3.1 The create operation	NegSem_210301_CreateOperation_001 NegSem_210301_CreateOperation_002 NegSem_210301_CreateOperation_003
	21.3.2 The start test component operation	NegSem_210302_Start_test_component_001 NegSem_210302_Start_test_component_002
	21.3.7 The done operation	NegSem_210307_done_operation_001
	21.3.8 The killed operation	NegSem_210308_killed_operation_001
22 Communication operations	22.2.1 The send operation	NegSem_220201_SendOperation_001 NegSem_220201_SendOperation_002 NegSem_220201_SendOperation_003 NegSem_220201_SendOperation_004
	22.2.2 The receive operation	NegSem_220202_ReceiveOperation_001
	22.2.3 The trigger operation	NegSem_220203_TriggerOperation_001
	22.3.1 The call operation	NegSem_1400_procedure_signatures_001 NegSem_220301_CallOperation_001 NegSem_220301_CallOperation_002
	22.3.2 The getcall operation	NegSem_220302_GetcallOperation_001 NegSem_220302_GetcallOperation_002 NegSem_220302_GetcallOperation_003
	22.3.3 The reply operation	NegSem_220303_ReplyOperation_001
23 Timer operations	Top level	NegSem_2302_timer_start_001 NegSem_2302_timer_start_002 NegSem_2302_timer_start_003 NegSem_2302_timer_start_004 NegSyn_2302_timer_start_001 NegSyn_2302_timer_start_002 NegSyn_2302_timer_start_003 NegSyn_2302_timer_start_004 NegSyn_2302_timer_start_005 NegSyn_2302_timer_start_006 NegSyn_2302_timer_start_007 NegSyn_2302_timer_start_008 NegSyn_2302_timer_start_009 NegSyn_2302_timer_start_010 NegSyn_2302_timer_start_011 NegSyn_2302_timer_start_012 NegSyn_2302_timer_start_013 NegSem_23_toplevel_001 NegSem_23_toplevel_002

		NegSyn_23_toplevel_001
		NegSyn_23_toplevel_002
	23.3 The stop timer operation	NegSyn_2303_timer_stop_001
		NegSyn_2303_timer_stop_002
		NegSyn_2303_timer_stop_003
		NegSyn_2303_timer_stop_004
		NegSyn_2303_timer_stop_005
		NegSyn_2303_timer_stop_006
	23.5 The running timer operation	NegSyn_2305_timer_running_001
		NegSyn_2305_timer_running_002
		NegSyn_2305_timer_running_003
		NegSyn_2305_timer_running_004
		NegSyn_2305_timer_running_005
		NegSyn_2305_timer_running_006
	23.6 The timeout operation	NegSyn_2306_timer_timeout_001
		NegSyn_2306_timer_timeout_002
		NegSyn_2306_timer_timeout_003
		NegSyn_2306_timer_timeout_004
		NegSyn_2306_timer_timeout_005
		NegSyn_2306_timer_timeout_006
		NegSyn_2306_timer_timeout_007
24 Test verdict operations	Top level	NegSem_2402_setverdict_params_001
		NegSem_2402_setverdict_params_002
		NegSem_2402_setverdict_params_003
		NegSem_2402_setverdict_params_004
		NegSem_2402_setverdict_params_005
		NegSem_24_toplevel_001
		NegSem_24_toplevel_002
		NegSem_24_toplevel_003
		NegSem_24_toplevel_004
		NegSem_24_toplevel_005
	24.1 The verdict mechanism	NegSem_2401_SetverdictError
26 Module control	26.1 The execute statement	NegSem_2601_ExecuteStatement_001
		NegSem_2601_ExecuteStatement_002
		NegSem_2601_ExecuteStatement_003
		NegSem_2601_ExecuteStatement_004
	26.2 The control part	NegSem_2602_TheControlPart_001
		NegSem_2602_TheControlPart_002
		NegSem_2602_TheControlPart_003
		NegSem_2602_TheControlPart_004
		NegSem_2602_TheControlPart_005
		NegSem_2602_TheControlPart_006
		NegSem_2602_TheControlPart_007
		NegSem_2602_TheControlPart_008
		NegSem_2602_TheControlPart_009
		NegSem_2602_TheControlPart_010
		NegSem_2602_TheControlPart_011
		NegSem_2602_TheControlPart_012
		NegSem_2602_TheControlPart_013
		NegSem_2602_TheControlPart_014
		NegSem_2602_TheControlPart_015
		NegSem_2602_TheControlPart_016
		NegSem_2602_TheControlPart_017
		NegSem_2602_TheControlPart_018
		NegSem_2602_TheControlPart_019
		NegSem_2602_TheControlPart_020
		NegSem_2602_TheControlPart_021
		NegSem_2602_TheControlPart_022
		NegSem_2602_TheControlPart_023
		NegSem_2602_TheControlPart_024
		NegSem_2602_TheControlPart_025
		NegSem_2602_TheControlPart_026
		NegSem_2602_TheControlPart_027

		NegSem_2602_TheControlPart_028
		NegSem_2602_TheControlPart_029
		NegSem_2602_TheControlPart_030
		NegSem_2602_TheControlPart_031
		NegSem_2602_TheControlPart_032
		NegSem_2602_TheControlPart_033
		NegSem_2602_TheControlPart_034
		NegSem_2602_TheControlPart_035
27 Specifying attributes	27.7 Optional attributes	NegSem_2707_OptionalAttributes_002
		NegSem_2707_OptionalAttributes_003
B Matching incoming values	B.1.2.4 Any value or none	NegSem_B010204_any_value_or_none_001
		NegSem_B010204_any_value_or_none_002
	B.1.2.5 Value range	NegSem_B010205_value_range_001
		NegSem_B010205_value_range_002
		NegSem_B010205_value_range_003
	B.1.2.6 SuperSet	NegSem_B010206_superset_001
		NegSem_B010206_superset_002
	B.1.2.7 SubSet	NegSem_B010207_subset_001
		NegSem_B010207_subset_002
	B.1.3.3 Permutation	NegSem_B010303_permutation_001
	B.1.4.1 Length restrictions	NegSem_B010401_length_restrictions_001
		NegSem_B010401_length_restrictions_002
		NegSem_B010401_length_restrictions_003
		NegSem_B010401_length_restrictions_004
	B.1.4.2 The ifpresent indicator	NegSem_B010402_ifPresent_indicator_001
B.1.5.1 Set expression	NegSem_B010501_set_expression_001	
B.1.5.4 Match a referenced character set	NegSem_B010504_match_referenced_characters_001	

Annex A (normative): Test Purposes (TP)

For each test requirement a Test Purpose (TP) is defined. Test purposes shall be defined in a dedicated test purpose document as well as with TTCN-3 documentation tags in each test case of the ATS. Both documentations shall convey the same information for each test purpose.

A.1 Introduction

A.1.1 Test purpose naming convention

The test purpose naming scheme corresponds to the test case identifier naming scheme and vice-versa.

A.1.2 Test purpose structure

The test purpose structure is according to the test suite structure (TSS).

A.1.3 Test purpose format

In the following, examples for tabular test purpose descriptions are shown that shall be defined in the test purpose document. This representation is a direct mapping of the contents of the document tags in the ATS (such as @purpose, @remark, or @verdict). The tabular descriptions are presented along with their corresponding TTCN-3 documentation tag equivalent. The test purpose reference shall be provided in a machine-readable format.

Test Purpose Id	TP_NegSyn_0501_Identifier
Reference	ES 201 873-1 [1], clause 5.1
ICS	None
Dependencies	None
Summary	Ensure that when the IUT loads a module containing an identifier named with a keyword then the module is rejected
Expected Output	Rejection as invalid
Notes	

A corresponding TTCN-3 module addressing TP_NegSyn_0501_Identifier is the following:

```

/*****
** @author   STF 380
** @version  0.0.1
** @purpose  1:5.1, Ensure that when the IUT loads a module containing an
              identifier named with a keyword then the module is rejected.
** @verdict  pass Rejection as invalid
*****/

module NegSyn_0501_Identifier_001 {

type component GeneralComp {
}

testcase TC_NegSyn_0501_Identifier_001() runs on GeneralComp {
    var integer component := 1;
}

control{
    execute(TC_NegSyn_0501_Identifier_001());
}

}

```

Test Purpose Id	TP_Syn_0501_Identifier
Reference	ES 201 873-1 [1], clause 5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT handles the identifiers case sensitively.
Expected Output	TTCN-3 verdict "pass"
Notes	

A corresponding TTCN-3 module for TP_Syn_0501_Identifier is the following:

```

/*****
** @author   STF 380
** @version  0.0.1
** @purpose  1:5.1, Ensure that the IUT handle the identifiers case sensitively.
** @verdict  pass TTCN-3 verdict
*****/
module Syn_0501_Identifier_001 {

type component IdComp {
    const integer c_int := 0;
}

testcase TC_Syn_0501_Identifier_001() runs on IdComp {
    const integer C_INT := 1;
    if (c_int == 0){
        setverdict(pass);
    }
    else {
        setverdict(fail);
    }
}

control{
    execute(TC_Syn_0501_Identifier_001());
}
}

```

A.2 Test purposes for the TTCN-3 conformance test suite

A.2.1 Basic language elements

Test Purpose Id	TP_NegSyn_05_TopLevel_001
Reference	ES 201 873-1 [1], clause 5
ICS	None
Dependencies	None
Summary	Ensure that when the IUT loads a module containing some definitions before the module declaration then the module is rejected.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.2 Identifiers and keywords

Test Purpose Id	TP_Syn_0501_Identifier_001
Reference	ES 201 873-1 [1], clause 5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT handle the identifiers case sensitively.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSyn_0501_Identifier_001
Reference	ES 201 873-1 [1], clause 5.1
ICS	None
Dependencies	None
Summary	Ensure that when the IUT loads a module containing an identifier named with a keyword then the module is rejected.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0501_Identifier_001
Reference	ES 201 873-1 [1], clause 5.1
ICS	None
Dependencies	None
Summary	Ensure that cannot pass a charstring value to an integer variable.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.3 Scope rules

Test Purpose Id	TP_Syn_0502_Scope_001
Reference	ES 201 873-1 [1], clause 5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT supports all the nine scope units.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0502_Scope_001
Reference	ES 201 873-1 [1], clause 5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT handle scope hierarchy of component constants.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0502_Scope_002
Reference	ES 201 873-1 [1], clause 5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT handle scope hierarchy with component booleans.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0502_Scope_003
Reference	ES 201 873-1 [1], clause 5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT handles scope hierarchy via functions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0502_Scope_004
Reference	ES 201 873-1 [1], clause 5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the scope of definitions made in the module part.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0502_Scope_008
Reference	ES 201 873-1 [1], clause 5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles definitions of extended component scope.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_0502_Scope_001
Reference	ES 201 873-1 [1], clause 5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles definitions of local scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0502_Scope_002
Reference	ES 201 873-1 [1], clause 5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles definitions of local scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0502_Scope_003
Reference	ES 201 873-1 [1], clause 5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles definitions of local scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.4 Scope of formal parameters

Test Purpose Id	TP_Sem_050201_Scope_of_parameters_001
Reference	ES 201 873-1 [1], clause 5.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles scope of formal function parameters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_050201_Scope_of_parameters_002
Reference	ES 201 873-1 [1], clause 5.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles scope of formal function parameters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.5 Uniqueness of identifiers

Test Purpose Id	TP_Sem_050202_Uniqueness_001
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_050202_Uniqueness_002
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_050202_Uniqueness_003
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_050202_Uniqueness_001
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_050202_Uniqueness_004
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_050202_Uniqueness_005
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_050202_Uniqueness_006
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_050202_Uniqueness_007
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_050202_Uniqueness_008
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_050202_Uniqueness_009
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_050202_Uniqueness_010
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_050202_Uniqueness_011
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_050202_Uniqueness_012
Reference	ES 201 873-1 [1], clause 5.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.6 Ordering of language elements

Test Purpose Id	TP_Sem_0503_Ordering_001
Reference	ES 201 873-1 [1], clause 5.3
ICS	None
Dependencies	None
Summary	Ensure that allowed orderings of declarations are supported.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0503_Ordering_002
Reference	ES 201 873-1 [1], clause 5.3
ICS	None
Dependencies	None
Summary	Ensure that allowed any ordering with component definitions are supported
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0503_Ordering_005
Reference	ES 201 873-1 [1], clause 5.3
ICS	None
Dependencies	None
Summary	Ensure that allowed orderings of declarations are supported.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_0503_Ordering_001
Reference	ES 201 873-1 [1], clause 5.3
ICS	None
Dependencies	None
Summary	Ensure that declarations are in the allowed ordering.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0503_Ordering_002
Reference	ES 201 873-1 [1], clause 5.3
ICS	None
Dependencies	None
Summary	Ensure that declarations are in the allowed ordering.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0503_Ordering_003
Reference	ES 201 873-1 [1], clause 5.3
ICS	None
Dependencies	None
Summary	Ensure that declarations are in the allowed ordering.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.7 Parametrization

Test Purpose Id	TP_NegSyn_0504_forbidden_parametrization_001
Reference	ES 201 873-1 [1], clause 5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects forbidden module parametrization types.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_0504_forbidden_parametrization_002
Reference	ES 201 873-1 [1], clause 5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects forbidden module parametrization types.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0504_parametrization_incompatibility_001
Reference	ES 201 873-1 [1], clause 5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles received testcase parametrization type incompatibility.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.8 Formal parameters of kind value

Test Purpose Id	TP_Sem_05040101_parameters_of_kind_value_001
Reference	ES 201 873-1 [1], clause 5.4.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles parametrization through the use of module parameters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_05040101_parameters_of_kind_value_002
Reference	ES 201 873-1 [1], clause 5.4.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles parametrization through the use of module parameters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_05040101_parameters_of_kind_value_003
Reference	ES 201 873-1 [1], clause 5.4.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles parametrization through the use of module parameters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_05040101_parameters_of_kind_value_004
Reference	ES 201 873-1 [1], clause 5.4.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles parametrization through the use of module parameters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.9 Formal parameters of kind template

Test Purpose Id	TP_Sem_05040102_parameters_of_kind_template_001
Reference	ES 201 873-1 [1], clause 5.4.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles parametrization through the use of parameterized templates.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_05040102_parameters_of_kind_template_002
Reference	ES 201 873-1 [1], clause 5.4.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles parametrization through the use of parameterized templates.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.10 Formal parameters of kind timer

Test Purpose Id	TP_Sem_05040103_parameters_of_kind_timer_001
Reference	ES 201 873-1 [1], clause 5.4.1.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles parametrization through the use of timer parameters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.11 Formal parameters of kind port

Test Purpose Id	TP_Sem_05040104_parameters_of_kind_port_001
Reference	ES 201 873-1 [1], clause 5.4.1.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT accepts port parametrization types for functions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.12 Actual parameters

Test Purpose Id	TP_Sem_050402_actual_parameters_001
Reference	ES 201 873-1 [1], clause 5.4.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT accepts allowed assignments of actual parameters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_050402_actual_parameters_002
Reference	ES 201 873-1 [1], clause 5.4.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT accepts nested assignment of actual parameters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.13 Cyclic definitions

Test Purpose Id	TP_Sem_0505_cyclic_definitions_001
Reference	ES 201 873-1 [1], clause 5.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles recursive functions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0505_cyclic_definitions_002
Reference	ES 201 873-1 [1], clause 5.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles cyclic imports.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.14 Simple basic types and values

Test Purpose Id	TP_Syn_060100_SimpleBasicTypes_001
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign different integer values.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060100_SimpleBasicTypes_002
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign large integer values.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060100_SimpleBasicTypes_003
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign different float values.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060100_SimpleBasicTypes_004
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign small and large float values.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060100_SimpleBasicTypes_005
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Accept float mantisa for float values.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060100_SimpleBasicTypes_006
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Accept all verdict values.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_060100_SimpleBasicTypes_001
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign float to integer values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060100_SimpleBasicTypes_002
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign boolean to integer values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060100_SimpleBasicTypes_003
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign integer to float values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060100_SimpleBasicTypes_004
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign boolean to float values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060100_SimpleBasicTypes_005
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign verdicttype to float values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060100_SimpleBasicTypes_006
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign integer to verdicttype values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_060100_SimpleBasicTypes_001
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign and read integer values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060100_SimpleBasicTypes_002
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign and read large integer values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060100_SimpleBasicTypes_003
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign and read float values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060100_SimpleBasicTypes_004
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign and read large float values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060100_SimpleBasicTypes_005
Reference	ES 201 873-1 [1], clause 6.1.0
ICS	None
Dependencies	None
Summary	Assign and read verdicts.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.15 Basic string types and values

Test Purpose Id	TP_Syn_060101_TopLevel_001
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign different bitstring values.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060101_TopLevel_002
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign different hexstring values.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060101_TopLevel_003
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign different octetstring values.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_060101_TopLevel_001
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign invalid bitstring value.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060101_TopLevel_002
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign string to bitstring values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060101_TopLevel_003
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign octetstring to bitstring values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060101_TopLevel_004
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign invalid hexstring value.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060101_TopLevel_005
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign string to hexstring values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060101_TopLevel_006
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign octetstring to hexstring values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060101_TopLevel_007
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign invalid hexstring value.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060101_TopLevel_008
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign string to octetstring values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060101_TopLevel_009
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign hexstring to octetstring values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_060101_TopLevel_010
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign invalid hexstring value.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_060101_TopLevel_001
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign and read bitstring.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060101_TopLevel_002
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign and read hexstring.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060101_TopLevel_003
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign and read octetstring.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060101_TopLevel_004
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign and read charstring.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060101_TopLevel_005
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign and read universal charstring.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060101_TopLevel_006
Reference	ES 201 873-1 [1], clause 6.1.1
ICS	None
Dependencies	None
Summary	Assign and read universal charstring.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.16 Accessing individual string elements

Test Purpose Id	TP_Sem_06010101_AccessStringElements_001
Reference	ES 201 873-1 [1], clause 6.1.1.1
ICS	None
Dependencies	None
Summary	Access bitstring elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010101_AccessStringElements_002
Reference	ES 201 873-1 [1], clause 6.1.1.1
ICS	None
Dependencies	None
Summary	Access octetstring elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010101_AccessStringElements_003
Reference	ES 201 873-1 [1], clause 6.1.1.1
ICS	None
Dependencies	None
Summary	Access hexstring elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010101_AccessStringElements_004
Reference	ES 201 873-1 [1], clause 6.1.1.1
ICS	None
Dependencies	None
Summary	Access bitstring elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010101_AccessStringElements_005
Reference	ES 201 873-1 [1], clause 6.1.1.1
ICS	None
Dependencies	None
Summary	Access hexstring elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010101_AccessStringElements_006
Reference	ES 201 873-1 [1], clause 6.1.1.1
ICS	None
Dependencies	None
Summary	Access octetstring elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010101_AccessStringElements_007
Reference	ES 201 873-1 [1], clause 6.1.1.1
ICS	None
Dependencies	None
Summary	Access charstring elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010101_AccessStringElements_008
Reference	ES 201 873-1 [1], clause 6.1.1.1
ICS	None
Dependencies	None
Summary	Access charstring elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.17 Lists of values

Test Purpose Id	TP_Sem_06010201_ListOfValues_001
Reference	ES 201 873-1 [1], clause 6.1.2.1
ICS	None
Dependencies	None
Summary	Assign invalid values to restricted bitstring.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_06010201_ListOfValues_001
Reference	ES 201 873-1 [1], clause 6.1.2.1
ICS	None
Dependencies	None
Summary	Assign values to restricted bitstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010201_ListOfValues_002
Reference	ES 201 873-1 [1], clause 6.1.2.1
ICS	None
Dependencies	None
Summary	Assign values to restricted hexstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010201_ListOfValues_003
Reference	ES 201 873-1 [1], clause 6.1.2.1
ICS	None
Dependencies	None
Summary	Assign values to restricted octetstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010201_ListOfValues_004
Reference	ES 201 873-1 [1], clause 6.1.2.1
ICS	None
Dependencies	None
Summary	Assign values to restricted charstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010201_ListOfValues_005
Reference	ES 201 873-1 [1], clause 6.1.2.1
ICS	None
Dependencies	None
Summary	Assign values to restricted integer.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010201_ListOfValues_006
Reference	ES 201 873-1 [1], clause 6.1.2.1
ICS	None
Dependencies	None
Summary	Assign values to restricted float.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.18 Lists of types

Test Purpose Id	TP_Sem_06010202_ListOfTypes_001
Reference	ES 201 873-1 [1], clause 6.1.2.2
ICS	None
Dependencies	None
Summary	Assign values to list of types restricted bitstring.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_06010202_ListOfTypes_001
Reference	ES 201 873-1 [1], clause 6.1.2.2
ICS	None
Dependencies	None
Summary	Assign invalid values to list of types restricted bitstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.19 Ranges

Test Purpose Id	TP_Sem_06010203_Ranges_001
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign values to range restricted integer.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010203_Ranges_002
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign values to infinity range restricted integer.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010203_Ranges_003
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign values to range restricted integer with exclusive bounds.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010203_Ranges_004
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign values to range restricted charstring with inclusive bounds.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010203_Ranges_005
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign values to range restricted charstring with exclusive bounds.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010203_Ranges_006
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign values to range restricted charstring with mixed bounds.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010203_Ranges_007
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign values to range restricted universal charstring.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010203_Ranges_008
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign values to range restricted universal charstring with mixed bounds.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_001
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid values to restricted integer.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_002
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid values to restricted integer.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_003
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assure that not_a_number is not allowed in float range subtyping.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_004
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid values to restricted integer with exclusive bounds.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_005
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid values to restricted integer with exclusive bounds.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_006
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign range to boolean not permitted.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_007
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid value to range constrained charstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_008
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid value to range constrained charstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_009
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid value to range constrained charstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_010
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid values to restricted float.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_011
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid values to range restricted float.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_012
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid values to range excluded restricted float.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_013
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid value to range constrained universal charstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_014
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid value to range constrained universal charstring with mixed bounds.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_015
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Assign invalid value to range constrained charstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_016
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Invalid value infinity for range constrained charstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010203_Ranges_017
Reference	ES 201 873-1 [1], clause 6.1.2.3
ICS	None
Dependencies	None
Summary	Invalid value -infinity for range constrained charstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.20 String length restrictions

Test Purpose Id	TP_Sem_06010204_StringLenghtRestrict_001
Reference	ES 201 873-1 [1], clause 6.1.2.4
ICS	None
Dependencies	None
Summary	Assign values to list of types restricted bitstring.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_06010204_StringLenghtRestrict_001
Reference	ES 201 873-1 [1], clause 6.1.2.4
ICS	None
Dependencies	None
Summary	Assign invalid values to length restricted bitstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_06010204_StringLenghtRestrict_002
Reference	ES 201 873-1 [1], clause 6.1.2.4
ICS	None
Dependencies	None
Summary	Assign invalid values to length restricted bitstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.21 Pattern subtyping of character string types

Test Purpose Id	TP_Sem_06010205_StringPattern_001
Reference	ES 201 873-1 [1], clause 6.1.2.5
ICS	None
Dependencies	None
Summary	Assign values to pattern restricted character strings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_06010205_StringPattern_002
Reference	ES 201 873-1 [1], clause 6.1.2.5
ICS	None
Dependencies	None
Summary	Assign values to pattern restricted character strings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_06010205_StringPattern_001
Reference	ES 201 873-1 [1], clause 6.1.2.5
ICS	None
Dependencies	None
Summary	Assign invalid values to pattern restricted character strings.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.22 Mixing patterns, lists and ranges

Test Purpose Id	TP_Sem_0601020601_MixingSubtype_001
Reference	ES 201 873-1 [1], clause 6.1.2.6.1
ICS	None
Dependencies	None
Summary	Assign values to mixed restricted floats.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0601020601_MixingSubtype_002
Reference	ES 201 873-1 [1], clause 6.1.2.6.1
ICS	None
Dependencies	None
Summary	Assign values to mixed restricted integers.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_0601020601_MixingSubtype_001
Reference	ES 201 873-1 [1], clause 6.1.2.6.1
ICS	None
Dependencies	None
Summary	Assign invalid values to mixed restricted floats.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0601020601_MixingSubtype_002
Reference	ES 201 873-1 [1], clause 6.1.2.6.1
ICS	None
Dependencies	None
Summary	Assign invalid values to mixed restricted integers.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.23 Using length restriction with other constraints

Test Purpose Id	TP_Sem_0601020602_StringMixing_001
Reference	ES 201 873-1 [1], clause 6.1.2.6.2
ICS	None
Dependencies	None
Summary	Assign values to mixed restricted character strings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0601020602_StringMixing_002
Reference	ES 201 873-1 [1], clause 6.1.2.6.2
ICS	None
Dependencies	None
Summary	Assign values to mixed restricted character strings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0601020602_StringMixing_003
Reference	ES 201 873-1 [1], clause 6.1.2.6.2
ICS	None
Dependencies	None
Summary	Assign values to mixed restricted character strings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0601020602_StringMixing_004
Reference	ES 201 873-1 [1], clause 6.1.2.6.2
ICS	None
Dependencies	None
Summary	Assign values to mixed restricted bit strings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0601020602_StringMixing_005
Reference	ES 201 873-1 [1], clause 6.1.2.6.2
ICS	None
Dependencies	None
Summary	Assign values to mixed restricted hex strings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0601020602_StringMixing_006
Reference	ES 201 873-1 [1], clause 6.1.2.6.2
ICS	None
Dependencies	None
Summary	Assign values to mixed restricted octet strings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_0601020602_StringMixing_001
Reference	ES 201 873-1 [1], clause 6.1.2.6.2
ICS	None
Dependencies	None
Summary	Assign invalid values to mixed restricted character strings.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0601020602_StringMixing_002
Reference	ES 201 873-1 [1], clause 6.1.2.6.2
ICS	None
Dependencies	None
Summary	Assign invalid values to mixed restricted character strings.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0601020602_StringMixing_003
Reference	ES 201 873-1 [1], clause 6.1.2.6.2
ICS	None
Dependencies	None
Summary	Assign invalid values to mixed restricted character strings.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0601020602_StringMixing_004
Reference	ES 201 873-1 [1], clause 6.1.2.6.2
ICS	None
Dependencies	None
Summary	Assign invalid values to mixed restricted bit strings.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0601020602_StringMixing_005
Reference	ES 201 873-1 [1], clause 6.1.2.6.2
ICS	None
Dependencies	None
Summary	Assign invalid values to mixed restricted hex strings.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0601020602_StringMixing_006
Reference	ES 201 873-1 [1], clause 6.1.2.6.2
ICS	None
Dependencies	None
Summary	Assign invalid values to mixed restricted octet strings.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.24 Structured types and values

Test Purpose Id	TP_Syn_0602_TopLevel_001
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Valid recursive union type definition.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_0602_TopLevel_002
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Valid recursive record type definition.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_0602_TopLevel_003
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Valid recursive record type definition.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_0602_TopLevel_004
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Constant definition of a record type.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_0602_TopLevel_005
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Fields not mentioned are implicitly left unspecified.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_0602_TopLevel_001
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Invalid recursive union type definition causing an error.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_0602_TopLevel_002
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Invalid recursive record type definition causing an error.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_0602_TopLevel_003
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Combined value list and assignment notation not allowed in the same (immediate) context.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_0602_TopLevel_004
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	The omit keyword shall not be used for mandatory fields.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_0602_TopLevel_005
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	The omit keyword shall not be used for mandatory fields.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_0602_TopLevel_001
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Ensure that assignments with "implicit omit" attribute are correctly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0602_TopLevel_002
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Ensure that assignments with "implicit omit" attribute are correctly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0602_TopLevel_003
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Ensure that assignments with "implicit omit" attribute are correctly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_0602_TopLevel_001
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Ensure that assignments with "implicit omit" attribute are correctly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0602_TopLevel_002
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	Ensure that assignments with "implicit omit" attribute are correctly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.25 Record type and values

Test Purpose Id	TP_Syn_060201_RecordTypeValues_001
Reference	ES 201 873-1 [1], clause 6.2.1
ICS	None
Dependencies	None
Summary	The element identifiers are local to the record and shall be unique within the record (but do not have to be globally unique).
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060201_RecordTypeValues_002
Reference	ES 201 873-1 [1], clause 6.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles empty record definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_060201_RecordTypeValues_001
Reference	ES 201 873-1 [1], clause 6.2.1
ICS	None
Dependencies	None
Summary	The dot notation used in record type definitions is correctly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060201_RecordTypeValues_002
Reference	ES 201 873-1 [1], clause 6.2.1
ICS	None
Dependencies	None
Summary	The dot notation used in record type definitions is correctly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060201_RecordTypeValues_003
Reference	ES 201 873-1 [1], clause 6.2.1
ICS	None
Dependencies	None
Summary	The dot notation used in record type definitions is correctly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060201_RecordTypeValues_004
Reference	ES 201 873-1 [1], clause 6.2.1
ICS	None
Dependencies	None
Summary	The dot notation used in record type definitions is correctly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_060201_RecordTypeValues_001
Reference	ES 201 873-1 [1], clause 6.2.1
ICS	None
Dependencies	None
Summary	The dot notation used in record type definitions is correctly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.26 Referencing elements of record of and set of types

Test Purpose Id	TP_Sem_060203_records_and_sets_of_single_types_001
Reference	ES 201 873-1 [1], clause 6.2.3.2
ICS	None
Dependencies	None
Summary	Ensure that the inner type referencing is correctly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_060203_records_and_sets_of_single_types_001
Reference	ES 201 873-1 [1], clause 6.2.3.2
ICS	None
Dependencies	None
Summary	Ensure that the inner type referencing is correctly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060203_records_and_sets_of_single_types_002
Reference	ES 201 873-1 [1], clause 6.2.3.2
ICS	None
Dependencies	None
Summary	Ensure that the inner type referencing is correctly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.27 Communication port types

Test Purpose Id	TP_Syn_060209_CommunicationPortTypes_001
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that message-based ports are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060209_CommunicationPortTypes_002
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that message-based ports with address are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060209_CommunicationPortTypes_003
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that message-based ports are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060209_CommunicationPortTypes_004
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that a address is allowed inside port definition.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060209_CommunicationPortTypes_005
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that map param is accepted by the port definition.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060209_CommunicationPortTypes_006
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that unmap param is accepted by the port definition.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_060209_CommunicationPortTypes_007
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that complex port definition is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_060209_CommunicationPortTypes_001
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that map param statements are allowed in testcase block.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060209_CommunicationPortTypes_002
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that unmap param statements are allowed in testcase block.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060209_CommunicationPortTypes_003
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that map and unmap param and local port address are allowed in a testcase block.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060209_CommunicationPortTypes_004
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that map and unmap param and local port address are allowed in a testcase block.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_060209_CommunicationPortTypes_001
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that restriction of port definitions are appropriately handles.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060209_CommunicationPortTypes_002
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that restriction of port definitions are appropriately handles.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060209_CommunicationPortTypes_003
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that restriction of port definitions are appropriately handles.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.28 Addressing entities inside the SUT

Test Purpose Id	TP_Sem_060212_AddresssingEntitiesInsideSut_001
Reference	ES 201 873-1 [1], clause 6.2.12
ICS	None
Dependencies	None
Summary	Ensure null assignment is accepted for addresses.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060212_AddresssingEntitiesInsideSut_002
Reference	ES 201 873-1 [1], clause 6.2.12
ICS	None
Dependencies	None
Summary	Ensure that the right port address is used.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_060212_AddressingEntitiesInsideSut_001
Reference	ES 201 873-1 [1], clause 6.2.12
ICS	None
Dependencies	None
Summary	Ensure right type checking for address types in ports.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.29 Type compatibility of non-structured types

Test Purpose Id	TP_Sem_060301_non_structured_types_001
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from compatible type ranges.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060301_non_structured_types_002
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from compatible size restrictions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060301_non_structured_types_003
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from compatible type ranges.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060301_non_structured_types_004
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from compatible type ranges.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_060301_non_structured_types_001
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from incompatible type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060301_non_structured_types_002
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from incompatible type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060301_non_structured_types_003
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from incompatible type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060301_non_structured_types_004
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from incompatible type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060301_non_structured_types_005
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from incompatible type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060301_non_structured_types_006
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from incompatible type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060301_non_structured_types_007
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from compatible size restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060301_non_structured_types_008
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from compatible size restrictions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060301_non_structured_types_009
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from compatible size restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060301_non_structured_types_010
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from compatible size restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060301_non_structured_types_011
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from compatible size restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060301_non_structured_types_012
Reference	ES 201 873-1 [1], clause 6.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from compatible size restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.30 Type compatibility of structured types

Test Purpose Id	TP_Sem_060302_structured_types_001
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from structures having compatible types and type ranges.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060302_structured_types_002
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from structures having compatible types and lengths.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060302_structured_types_003
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from structures having compatible types and type ranges.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060302_structured_types_004
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from structures having compatible anytypes.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060302_structured_types_005
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from structures having compatible types and type ranges.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060302_structured_types_006
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from structures having compatible types and lengths.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_002
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments from incompatible types or type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_003
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments from incompatible types or type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_004
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments from incompatible types or type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_005
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments from incompatible types or type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_006
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments from incompatible types or type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_007
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments from incompatible types or type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_008
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments from incompatible types or type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_009
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments from incompatible types or type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_010
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments from incompatible types or type ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_011
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments from structures having incompatible anytypes.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_012
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments having mismatch between undefined and omitted elements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_013
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments having mismatch between undefined and omitted elements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_014
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments between incompatible structures.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_015
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments between incompatible structures.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_016
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments between incompatible structures.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_017
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments between incompatible structures.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_018
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects assignments between incompatible structures.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060302_structured_types_019
Reference	ES 201 873-1 [1], clause 6.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from structures having compatible types and lengths.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.31 Type compatibility of enumerated types

Test Purpose Id	TP_NegSem_060302_structured_types_001
Reference	ES 201 873-1 [1], clause 6.3.2.1
ICS	None
Dependencies	None
Summary	Reject assignment of other enumerated types since they are only compatible to synonym types.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.32 Type compatibility of component types

Test Purpose Id	TP_Sem_060303_component_types_001
Reference	ES 201 873-1 [1], clause 6.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from structures having compatible components.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_060303_component_types_002
Reference	ES 201 873-1 [1], clause 6.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles assignments from structures having compatible components.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_060303_component_types_001
Reference	ES 201 873-1 [1], clause 6.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles component incompatibility due to differing list of constant definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_060303_component_types_002
Reference	ES 201 873-1 [1], clause 6.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles component incompatibility due to differing constant types having same name.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.33 Arithmetic operators

Test Purpose Id	TP_Syn_070101_ArithmeticOperators_001
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the addition of two integers in a constant is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_070101_ArithmeticOperators_002
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the subtraction of two integers in a constant is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_070101_ArithmeticOperators_003
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the multiplication of two integers in a constant is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_070101_ArithmeticOperators_004
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the division of two integers in a constant is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_070101_ArithmeticOperators_005
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the modulo operator on two integers is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_070101_ArithmeticOperators_006
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the remainder operator on two integers is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_070101_ArithmeticOperators_007
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that operator combinations on integers is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_070101_ArithmeticOperators_008
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the addition operator on float constants is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_070101_ArithmeticOperators_009
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the subtraction operator on float constants is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_070101_ArithmeticOperators_010
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the multiplication operator on float constants is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_070101_ArithmeticOperators_011
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the division operator on float constants is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_070101_ArithmeticOperators_012
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that a combination of operators on float constants is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_001
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the addition of two integer variables is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_002
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the addition of multiple integer variables is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_003
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the addition of two integer variables is evaluated correctly when the expression contains a negative value.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_004
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the subtraction of two integer variables is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_005
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the subtraction of multiple integer variables is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_006
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the multiplication of two integer variables is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_007
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the multiplication of multiple integer variables is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_008
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the division of two integer variables is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_009
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the division of multiple integer variables is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_010
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the application of the modulo operator on integer variables is evaluated correctly when the remainder is zero.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_011
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the application of the modulo operator on integer variables is evaluated correctly when the integer value is smaller than the modulo value.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_012
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the application of the modulo operator on integer variables is evaluated correctly when the integer value greater than the modulo value.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_013
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the application of the modulo operator on integer variables is evaluated correctly when two consecutive modulo operators are applied.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_014
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the application of the modulo operator on integer variables is evaluated correctly when the operand is a negative integer.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_015
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the application of the remainder operator on integer variables is evaluated correctly when the operand is a negative integer.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_016
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the application of the remainder operator on integer variables is evaluated correctly when the operand is a negative integer.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_017
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the consecutive application of the remainder operator and the modulo operator on integer variables is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_018
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that operator combinations and the modulo operator on integer variables is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_019
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the addition operator works on float variables.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_020
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the subtraction operator works on float variables.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_021
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the multiplication operator works on float variables.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_022
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the division operator works on float variables.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070101_ArithmeticOperators_023
Reference	ES 201 873-1 [1], clause 7.1.1
ICS	None
Dependencies	None
Summary	Ensure that the combination of different operators works on float variables.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.34 List operator

Test Purpose Id	TP_Sem_070102_ListOperator_001
Reference	ES 201 873-1 [1], clause 7.1.2
ICS	None
Dependencies	None
Summary	Ensure that the list operator on bitstrings is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070102_ListOperator_002
Reference	ES 201 873-1 [1], clause 7.1.2
ICS	None
Dependencies	None
Summary	Ensure that the list operator on charstrings is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070102_ListOperator_003
Reference	ES 201 873-1 [1], clause 7.1.2
ICS	None
Dependencies	None
Summary	Ensure that the list operator on record of is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070102_ListOperator_004
Reference	ES 201 873-1 [1], clause 7.1.2
ICS	None
Dependencies	None
Summary	Ensure that the list operator on set of is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070102_ListOperator_005
Reference	ES 201 873-1 [1], clause 7.1.2
ICS	None
Dependencies	None
Summary	Ensure that the list operator on arrays is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070102_ListOperator_006
Reference	ES 201 873-1 [1], clause 7.1.2
ICS	None
Dependencies	None
Summary	Ensure that the list operator on record of is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.35 Relational operators

Test Purpose Id	TP_Sem_070103_RelationalOperators_001
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on integers is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_002
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on floats is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_003
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on enumerations is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_004
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the less than operator on integers is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_005
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the less than operator on floats is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_006
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the less than operator on enumerations is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_007
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the less than or equal to operator on integers is evaluated correctly with differing values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_008
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the less than or equal to operator on integers is evaluated correctly with equal values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_009
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the less than or equal to operator on floats is evaluated correctly with differing values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_010
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the less than or equal to operator on floats is evaluated correctly with equal values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_011
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the less than or equal to operator on enumerations is evaluated correctly with differing values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_012
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the less than or equal to operator on enumerations is evaluated correctly with equal values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_013
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the greater than operator on integers is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_014
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the less than operator on floats is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_015
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the less than operator on enumerations is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_016
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the greater than or equal to operator on integers is evaluated correctly with differing values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_017
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the greater than or equal to operator on integers is evaluated correctly with equal values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_018
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the greater than or equal to operator on floats is evaluated correctly with differing values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_019
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the greater than or equal to operator on floats is evaluated correctly with equal values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_020
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the less than or equal to operator on enumerations is evaluated correctly with differing values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_021
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the greater than or equal to operator on enumerations is evaluated correctly with equal values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_022
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the not equals operator on integers is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_023
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the not equals operator on floats is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_024
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the not equals operator on enumerations is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_025
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on sets is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_026
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on records is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_027
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on records is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_028
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on records is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_029
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on records is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_030
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on records is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_031
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on records is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_032
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on records is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_033
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on records is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070103_RelationalOperators_034
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on records is evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_070103_RelationalOperators_001
Reference	ES 201 873-1 [1], clause 7.1.3
ICS	None
Dependencies	None
Summary	Ensure that the equals operator on records is evaluated correctly.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.36 Logical operators

Test Purpose Id	TP_Sem_070104_LogicalOperators_001
Reference	ES 201 873-1 [1], clause 7.1.4
ICS	None
Dependencies	None
Summary	Ensure that the boolean operator supports negation.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070104_LogicalOperators_002
Reference	ES 201 873-1 [1], clause 7.1.4
ICS	None
Dependencies	None
Summary	Ensure that the and operator with true and false as operands work on boolean variables.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.37 Bitwise operators

Test Purpose Id	TP_Sem_070105_BitwiseOperators_001
Reference	ES 201 873-1 [1], clause 7.1.5
ICS	None
Dependencies	None
Summary	Ensure that the bitwise negation operator works as expected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070105_BitwiseOperators_002
Reference	ES 201 873-1 [1], clause 7.1.5
ICS	None
Dependencies	None
Summary	Ensure that the bitwise negation operator works as expected on hexstrings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.38 Shift operators

Test Purpose Id	TP_Sem_070106_ShiftOperators_001
Reference	ES 201 873-1 [1], clause 7.1.6
ICS	None
Dependencies	None
Summary	Ensure that the shift left operator works as expected on bitstrings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070106_ShiftOperators_002
Reference	ES 201 873-1 [1], clause 7.1.6
ICS	None
Dependencies	None
Summary	Ensure that the shift left operator works as expected on hexstrings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070106_ShiftOperators_003
Reference	ES 201 873-1 [1], clause 7.1.6
ICS	None
Dependencies	None
Summary	Ensure that the shift right operator works as expected on bitstrings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070106_ShiftOperators_004
Reference	ES 201 873-1 [1], clause 7.1.6
ICS	None
Dependencies	None
Summary	Ensure that the shift right operator works as expected on hexstrings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.39 Rotate operators

Test Purpose Id	TP_Sem_070107_RotateOperators_001
Reference	ES 201 873-1 [1], clause 7.1.7
ICS	None
Dependencies	None
Summary	Ensure that the rotate left operator works as expected on bitstrings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070107_RotateOperators_002
Reference	ES 201 873-1 [1], clause 7.1.7
ICS	None
Dependencies	None
Summary	Ensure that the rotate left operator works as expected on hexstrings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070107_RotateOperators_003
Reference	ES 201 873-1 [1], clause 7.1.7
ICS	None
Dependencies	None
Summary	Ensure that the rotate right operator works as expected on bitstrings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_070107_RotateOperators_004
Reference	ES 201 873-1 [1], clause 7.1.7
ICS	None
Dependencies	None
Summary	Ensure that the rotate right operator works as expected on hexstrings.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.40 Field references and list elements

Test Purpose Id	TP_Sem_0702_FieldReferencesAndListElements_001
Reference	ES 201 873-1 [1], clause 7.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles field referencing.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0702_FieldReferencesAndListElements_002
Reference	ES 201 873-1 [1], clause 7.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles field referencing.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.41 Definition of a module

Test Purpose Id	TP_Syn_0801_DefinitionOfAModule_001
Reference	ES 201 873-1 [1], clause 8.1
ICS	None
Dependencies	None
Summary	Ensure that a "plain" module definition is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_0801_DefinitionOfAModule_002
Reference	ES 201 873-1 [1], clause 8.1
ICS	None
Dependencies	None
Summary	Ensure that a module definition with language specification is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_0801_DefinitionOfAModule_003
Reference	ES 201 873-1 [1], clause 8.1
ICS	None
Dependencies	None
Summary	Ensure that a module definition with language and package is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_0801_DefinitionOfAModule_004
Reference	ES 201 873-1 [1], clause 8.1
ICS	None
Dependencies	None
Summary	Ensure that a module definition with package and without language is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_0801_DefinitionOfAModule_005
Reference	ES 201 873-1 [1], clause 8.1
ICS	None
Dependencies	None
Summary	Ensure that a module definition with ed4.3.1 language and package is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_0801_DefinitionOfAModule_006
Reference	ES 201 873-1 [1], clause 8.1
ICS	None
Dependencies	None
Summary	Ensure that a module definition with ed4.4.1 language and package is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_0801_DefinitionOfAModule_001
Reference	ES 201 873-1 [1], clause 8.1
ICS	None
Dependencies	None
Summary	Ensure that a module definition with multiple language specifications is rejected.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.42 Module definitions part

Test Purpose Id	TP_Syn_0802_ModuleDefinitionsPart_001
Reference	ES 201 873-1 [1], clause 8.2
ICS	None
Dependencies	None
Summary	Ensure that a TypeDef module definition with public visibility is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_0802_ModuleDefinitionsPart_002
Reference	ES 201 873-1 [1], clause 8.2
ICS	None
Dependencies	None
Summary	Ensure that a TypeDef module definition with private visibility is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

A.2.43 Module parameters

Test Purpose Id	TP_Syn_080201_ModuleParameters_001
Reference	ES 201 873-1 [1], clause 8.2.1
ICS	None
Dependencies	None
Summary	Ensure that plain module parameters are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_080201_ModuleParameters_002
Reference	ES 201 873-1 [1], clause 8.2.1
ICS	None
Dependencies	None
Summary	Ensure that plain module parameters with default values are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_080201_ModuleParameters_003
Reference	ES 201 873-1 [1], clause 8.2.1
ICS	None
Dependencies	None
Summary	Ensure that plain module parameters with default values and visibility modifiers are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_080201_ModuleParameters_001
Reference	ES 201 873-1 [1], clause 8.2.1
ICS	None
Dependencies	None
Summary	Ensure that a reference to plain module parameter with a default value delivers the default value unless it is overwritten.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.44 Groups of definitions

Test Purpose Id	TP_Syn_080202_GroupOfDefinitions_001
Reference	ES 201 873-1 [1], clause 8.2.2
ICS	None
Dependencies	None
Summary	Ensure that a definition within a group is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_080202_GroupOfDefinitions_002
Reference	ES 201 873-1 [1], clause 8.2.2
ICS	None
Dependencies	None
Summary	Ensure that a definition within a nested group is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_080202_GroupOfDefinitions_003
Reference	ES 201 873-1 [1], clause 8.2.2
ICS	None
Dependencies	None
Summary	Ensure that a definition within a group with public visibility modifier is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_080202_GroupOfDefinitions_004
Reference	ES 201 873-1 [1], clause 8.2.2
ICS	None
Dependencies	None
Summary	Ensure that a definition within a group with public visibility modifier and attributes is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

A.2.45 General format of import

Test Purpose Id	TP_Syn_08020301_GeneralFormatOfImport_001
Reference	ES 201 873-1 [1], clause 8.2.3.1
ICS	None
Dependencies	None
Summary	Ensure that import all is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_08020301_GeneralFormatOfImport_002
Reference	ES 201 873-1 [1], clause 8.2.3.1
ICS	None
Dependencies	None
Summary	Ensure that import of specific types is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSem_08020301_GeneralFormatOfImport_001
Reference	ES 201 873-1 [1], clause 8.2.3.1
ICS	None
Dependencies	None
Summary	Ensure that name handling of imported enumerations is properly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_08020301_GeneralFormatOfImport_002
Reference	ES 201 873-1 [1], clause 8.2.3.1
ICS	None
Dependencies	None
Summary	Ensure that name handling of imported enumerations is properly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.46 Importing single definitions

Test Purpose Id	TP_Sem_08020302_ImportingSingleDefinitions_001
Reference	ES 201 873-1 [1], clause 8.2.3.2
ICS	None
Dependencies	None
Summary	Ensure that the value of an explicitly imported constant can be read and carries the same value.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_08020302_ImportingSingleDefinitions_002
Reference	ES 201 873-1 [1], clause 8.2.3.2
ICS	None
Dependencies	None
Summary	Ensure that the value of an explicitly imported template can be read and carries the same value.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.47 Importing groups

Test Purpose Id	TP_Sem_08020303_ImportingGroups_001
Reference	ES 201 873-1 [1], clause 8.2.3.3
ICS	None
Dependencies	None
Summary	Ensure that a const defined in a group can be accessed if the group is imported.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_08020303_ImportingGroups_002
Reference	ES 201 873-1 [1], clause 8.2.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly handles 'except' clause in group import definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_08020303_ImportingGroups_003
Reference	ES 201 873-1 [1], clause 8.2.3.3
ICS	None
Dependencies	None
Summary	But that it is in fact a shortcut notation for explicit imports.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_08020303_ImportingGroups_001
Reference	ES 201 873-1 [1], clause 8.2.3.3
ICS	None
Dependencies	None
Summary	Ensure that constants listed as exceptions in imported groups are not accessible.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.48 Importing definitions of the same kind

Test Purpose Id	TP_Sem_08020301_GeneralFormatOfImport_001
Reference	ES 201 873-1 [1], clause 8.2.3.4
ICS	None
Dependencies	None
Summary	Ensure that transitive imports are properly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_08020301_GeneralFormatOfImport_002
Reference	ES 201 873-1 [1], clause 8.2.3.4
ICS	None
Dependencies	None
Summary	Ensure that enumerated type definitions are automatically imported when needed.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_08020304_ImportingDefinitionsOfTheSameKind_001
Reference	ES 201 873-1 [1], clause 8.2.3.4
ICS	None
Dependencies	None
Summary	Ensure that an import of all constants allows access to a sample constant.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_08020304_ImportingDefinitionsOfTheSameKind_002
Reference	ES 201 873-1 [1], clause 8.2.3.4
ICS	None
Dependencies	None
Summary	Ensure that a previously valid const import is not removed by an import covering the same definition with an except.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_08020304_ImportingDefinitionsOfTheSameKind_003
Reference	ES 201 873-1 [1], clause 8.2.3.4
ICS	None
Dependencies	None
Summary	Ensure that a previously valid const import is not removed by a second import statement excluding the same definition.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_08020301_GeneralFormatOfImport_003
Reference	ES 201 873-1 [1], clause 8.2.3.4
ICS	None
Dependencies	None
Summary	Ensure that transitive import rules are properly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_08020301_GeneralFormatOfImport_004
Reference	ES 201 873-1 [1], clause 8.2.3.4
ICS	None
Dependencies	None
Summary	Ensure that transitive import rules are properly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.49 Importing all definitions of a module

Test Purpose Id	TP_Sem_08020305_ImportingAllDefinitionsOfAModule_001
Reference	ES 201 873-1 [1], clause 8.2.3.5
ICS	None
Dependencies	None
Summary	Ensure that the constant is be visible after multiple imports.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_08020305_ImportingAllDefinitionsOfAModule_002
Reference	ES 201 873-1 [1], clause 8.2.3.5
ICS	None
Dependencies	None
Summary	Ensure that the constant is be visible after multiple imports.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_08020305_ImportingAllDefinitionsOfAModule_001
Reference	ES 201 873-1 [1], clause 8.2.3.5
ICS	None
Dependencies	None
Summary	Ensure that the constant is not visible after import with except.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.50 Import definitions from other TTCN-3 editions and from non-TTCN-3 modules

Test Purpose Id	TP_Syn_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_001
Reference	ES 201 873-1 [1], clause 8.2.3.6
ICS	None
Dependencies	None
Summary	Ensure that imports work with language references when importing definitions of the same kinds (in this case constants) is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_002
Reference	ES 201 873-1 [1], clause 8.2.3.6
ICS	None
Dependencies	None
Summary	Ensure that imports work with language references when importing all definitions of another module is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_001
Reference	ES 201 873-1 [1], clause 8.2.3.6
ICS	None
Dependencies	None
Summary	Ensure that it is possible to import from previous language versions.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

A.2.51 Importing of import statements from TTCN-3 modules

Test Purpose Id	TP_Sem_08020307_ImportingOfImportStatementsFromT3Modules_001
Reference	ES 201 873-1 [1], clause 8.2.3.7
ICS	None
Dependencies	None
Summary	Ensure that the import of import statements works for import all.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_08020307_ImportingOfImportStatementsFromT3Modules_001
Reference	ES 201 873-1 [1], clause 8.2.3.7
ICS	None
Dependencies	None
Summary	Ensure that the import of import statements works for import all.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_08020307_ImportingOfImportStatementsFromT3Modules_002
Reference	ES 201 873-1 [1], clause 8.2.3.7
ICS	None
Dependencies	None
Summary	Ensure that the import of import statements works for import all.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.52 Compatibility of language specifications of imports

Test Purpose Id	TP_NegSem_08020308_ImportingOfImportStatementsFromT3Modules_001
Reference	ES 201 873-1 [1], clause 8.2.3.8
ICS	None
Dependencies	None
Summary	Ensure that imports referring to future TTCN-3 versions are rejected.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.53 Definition of friend modules

Test Purpose Id	TP_Sem_080204_DefinitionOfFriendModules_001
Reference	ES 201 873-1 [1], clause 8.2.4
ICS	None
Dependencies	None
Summary	Ensure that friend visibility works for a sample constant.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_080204_DefinitionOfFriendModules_001
Reference	ES 201 873-1 [1], clause 8.2.4
ICS	None
Dependencies	None
Summary	Ensure that friend visibility works for a sample constant.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_080204_DefinitionOfFriendModules_002
Reference	ES 201 873-1 [1], clause 8.2.4
ICS	None
Dependencies	None
Summary	Ensure that private definitions are not made visible by friend declarations (for a constant sample definition).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.54 Visibility of definitions

Test Purpose Id	TP_Sem_080205_VisibilityOfDefinitions_001
Reference	ES 201 873-1 [1], clause 8.2.5
ICS	None
Dependencies	None
Summary	Ensure that explicitly defined public definitions (in this case a sample constant) are visible when imported.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_080205_VisibilityOfDefinitions_002
Reference	ES 201 873-1 [1], clause 8.2.5
ICS	None
Dependencies	None
Summary	Ensure that explicitly defined public definitions (in this case a sample constant) are visible when imported by a friend module.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_080205_VisibilityOfDefinitions_003
Reference	ES 201 873-1 [1], clause 8.2.5
ICS	None
Dependencies	None
Summary	Ensure that explicitly defined public definitions (in this case a sample constant) are visible when imported through a group.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_080205_VisibilityOfDefinitions_004
Reference	ES 201 873-1 [1], clause 8.2.5
ICS	None
Dependencies	None
Summary	Ensure that explicitly defined public definitions (in this case a sample constant) are visible when imported through a group of a friend module.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_080205_VisibilityOfDefinitions_005
Reference	ES 201 873-1 [1], clause 8.2.5
ICS	None
Dependencies	None
Summary	Ensure that friend definitions (in this case a sample constant) are visible when imported through a group of a friend module.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_080205_VisibilityOfDefinitions_001
Reference	ES 201 873-1 [1], clause 8.2.5
ICS	None
Dependencies	None
Summary	Ensure that private definition (in this case a sample constant) is not visible using a normal import.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_080205_VisibilityOfDefinitions_002
Reference	ES 201 873-1 [1], clause 8.2.5
ICS	None
Dependencies	None
Summary	Ensure that private definition (in this case a sample constant) is not visible using an import of a friend module.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_080205_VisibilityOfDefinitions_003
Reference	ES 201 873-1 [1], clause 8.2.5
ICS	None
Dependencies	None
Summary	Ensure that friend definition (in this case a sample constant) is not visible using a group import of a non-friend module.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_080205_VisibilityOfDefinitions_004
Reference	ES 201 873-1 [1], clause 8.2.5
ICS	None
Dependencies	None
Summary	Ensure that private definition (in this case a sample constant) is not visible using a group import of a non-friend module.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_080205_VisibilityOfDefinitions_005
Reference	ES 201 873-1 [1], clause 8.2.5
ICS	None
Dependencies	None
Summary	Ensure that private definition (in this case a sample constant) is not visible using a group import of a friend module.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.55 Module control part

Test Purpose Id	TP_Syn_0803_ModuleControlPart_001
Reference	ES 201 873-1 [1], clause 8.3
ICS	None
Dependencies	None
Summary	Ensure that the module control is able to accept execute statements.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_0803_ModuleControlPart_002
Reference	ES 201 873-1 [1], clause 8.3
ICS	None
Dependencies	None
Summary	Ensure that the module control part with a few commonly used statements is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Syn_0803_ModuleControlPart_003
Reference	ES 201 873-1 [1], clause 8.3
ICS	None
Dependencies	None
Summary	Ensure that an empty control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_0803_ModuleControlPart_001
Reference	ES 201 873-1 [1], clause 8.3
ICS	None
Dependencies	None
Summary	Ensure that there is not more than one control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_0803_ModuleControlPart_001
Reference	ES 201 873-1 [1], clause 8.3
ICS	None
Dependencies	None
Summary	Ensure that the verdict returned from a test case to the control-part does not influence the execution of a second test case. The result of the last test case execution corresponds to the overall test verdict.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.56 Port types, component types and test configurations

Test Purpose Id	TP_Syn_0902_Communication_ports_001
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that two component can be mapped by one system interface.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_0901_Communication_ports_001
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles loopback message.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0901_Communication_ports_002
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the IUT receives the message sent by mycompA.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0901_Communication_ports_003
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the IUT receives the message sent by mycompB and mycompC.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0901_Communication_ports_004
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message exch. between ports.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0901_Communication_ports_005
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the IUT receives the message sent by mycompA.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0902_Communication_ports_001
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the IUT port correctly mapped with a system interface.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_0902_Communication_ports_002
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the IUTs two ports are mapped correctly to system interfaces.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210102_disconnect_operation_001
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that all component can be disconnected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210102_disconnect_operation_002
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that two components can disconnect.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210102_unmap_operation_001
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	unmap operation of two port.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210102_unmap_operation_002
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	unmap of system and MycompA.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_0901_Communication_ports_002
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles loopback port connection to another port.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0901_Communication_ports_003
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles port connections.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0902_Communication_ports_001
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles the assoc. of two port to the same system interface.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0902_Communication_ports_002
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the mycomp is connected to two system interface port.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0902_Communication_ports_003
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the two system interf. port cannot connect.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_0902_Communication_ports_004
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that the a connected port cannot be mapped.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_210102_disconnect_operation_001
Reference	ES 201 873-1 [1], clause 9
ICS	None
Dependencies	None
Summary	Ensure that mapped port cannot disconnect.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.57 Communication ports

Test Purpose Id	TP_NegSem_0901_Communication_ports_001
Reference	ES 201 873-1 [1], clause 9.1
ICS	None
Dependencies	None
Summary	Ensure that the compiler handles the two port assoc. with error.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.58 Declaring constants

Test Purpose Id	TP_Syn_10_Constants_001
Reference	ES 201 873-1 [1], clause 10
ICS	None
Dependencies	None
Summary	Create constants.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_10_Constants_002
Reference	ES 201 873-1 [1], clause 10
ICS	None
Dependencies	None
Summary	Assign default constants values.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_10_Constants_003
Reference	ES 201 873-1 [1], clause 10
ICS	None
Dependencies	None
Summary	Assign component constants values.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_10_Constants_004
Reference	ES 201 873-1 [1], clause 10
ICS	None
Dependencies	None
Summary	Define constants in different scopes.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_10_Constants_001
Reference	ES 201 873-1 [1], clause 10
ICS	None
Dependencies	None
Summary	Assign and read constants.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_10_Constants_002
Reference	ES 201 873-1 [1], clause 10
ICS	None
Dependencies	None
Summary	Assign and read constants values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_10_Constants_001
Reference	ES 201 873-1 [1], clause 10
ICS	None
Dependencies	None
Summary	Assign rnd to constant used in type, not allowed since constant expressions used in types have to be known at compile-time.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.59 Value variables

Test Purpose Id	TP_Syn_1101_ValueVars_001
Reference	ES 201 873-1 [1], clause 11.1
ICS	None
Dependencies	None
Summary	Define variables in different scopes.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_1101_ValueVars_001
Reference	ES 201 873-1 [1], clause 11.1
ICS	None
Dependencies	None
Summary	Define variables in module scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_1101_ValueVars_001
Reference	ES 201 873-1 [1], clause 11.1
ICS	None
Dependencies	None
Summary	Define variables in different scopes.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1101_ValueVars_002
Reference	ES 201 873-1 [1], clause 11.1
ICS	None
Dependencies	None
Summary	Define variables in different scopes.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1101_ValueVars_003
Reference	ES 201 873-1 [1], clause 11.1
ICS	None
Dependencies	None
Summary	Read and write variables.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1101_ValueVars_004
Reference	ES 201 873-1 [1], clause 11.1
ICS	None
Dependencies	None
Summary	Ensure that partially initialized variables are evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1101_ValueVars_005
Reference	ES 201 873-1 [1], clause 11.1
ICS	None
Dependencies	None
Summary	Ensure that partially initialized variables are evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1101_ValueVars_001
Reference	ES 201 873-1 [1], clause 11.1
ICS	None
Dependencies	None
Summary	Variables should be assigned only by values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1101_ValueVars_002
Reference	ES 201 873-1 [1], clause 11.1
ICS	None
Dependencies	None
Summary	Ensure that partially initialized variables are evaluated correctly.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.60 Template variables

Test Purpose Id	TP_Syn_1102_TemplateVars_001
Reference	ES 201 873-1 [1], clause 11.2
ICS	None
Dependencies	None
Summary	Define template variables in different scopes.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_1102_TemplateVars_001
Reference	ES 201 873-1 [1], clause 11.2
ICS	None
Dependencies	None
Summary	Define template variables in module scope.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_1102_TemplateVars_001
Reference	ES 201 873-1 [1], clause 11.2
ICS	None
Dependencies	None
Summary	Define variables in different scopes.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1102_TemplateVars_002
Reference	ES 201 873-1 [1], clause 11.2
ICS	None
Dependencies	None
Summary	Ensure that partially initialized templates are evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1102_TemplateVars_003
Reference	ES 201 873-1 [1], clause 11.2
ICS	None
Dependencies	None
Summary	Ensure that partially initialized templates are evaluated correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1102_TemplateVars_001
Reference	ES 201 873-1 [1], clause 11.2
ICS	None
Dependencies	None
Summary	Template variables should be assigned with uninitialized variables
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1102_TemplateVars_002
Reference	ES 201 873-1 [1], clause 11.2
ICS	None
Dependencies	None
Summary	Ensure that partially initialized templates are evaluated correctly.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.61 Declaring timers

Test Purpose Id	TP_Syn_12_toplevel_timer_001
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure non-initialized timer declaration syntax
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_12_toplevel_timer_002
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer array declaration syntax
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_12_toplevel_timer_003
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure definition of a list of timers is allowed as a single declaration
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_12_toplevel_timer_004
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer array initialization syntax
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_12_toplevel_timer_005
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer declaration with expression
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_12_toplevel_timer_006
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer declaration with expression
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_12_toplevel_timer_001
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer can't be used in module control parts when declared in components
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_12_toplevel_timer_002
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer declaration syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_12_toplevel_timer_003
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer declaration syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_12_toplevel_timer_005
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer declaration syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_12_toplevel_timer_006
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer array declaration syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_12_toplevel_timer_007
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer array declaration syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_12_toplevel_timer_001
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer can be declared in components
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_12_toplevel_timer_002
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer can be declared in module control parts
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_12_toplevel_timer_003
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer can be declared in altsteps
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_12_toplevel_timer_004
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer can be declared in functions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_12_toplevel_timer_005
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer can be declared in test cases
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_12_toplevel_timer_006
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer's elapsed time is plausible
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_12_toplevel_timer_007
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer can be declared in components but used in test cases
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_12_toplevel_timer_008
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer can be declared in components but used in functions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_12_toplevel_timer_009
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer can be declared in components but used in allsteps
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_001
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure received messages can be a combination of value and matching mechanism
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_12_toplevel_timer_001
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer cannot be initialized with negative duration
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_12_toplevel_timer_002
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer in array cannot be initialized with negative duration
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_12_toplevel_timer_003
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure uninitialized timer can't be started
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_12_toplevel_timer_004
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure uninitialized timer in array can't be started
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_12_toplevel_timer_005
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure uninitialized timer in array can't be started
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_12_toplevel_timer_006
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer declaration syntax - reject single timer instance initialized with array
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_12_toplevel_timer_007
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer declaration syntax -- reject array initialization with wrong number of initializers
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_12_toplevel_timer_008
Reference	ES 201 873-1 [1], clause 12
ICS	None
Dependencies	None
Summary	Ensure timer declaration syntax -- reject array of timers initialized with a single float value
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.62 Declaring messages

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_001
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'record' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_002
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'record of' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_003
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'enum' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_004
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'set' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_005
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'union' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_006
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'bitstring' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_007
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'boolean' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_008
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'charstring' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_009
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'float' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_010
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'hexstring' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_011
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'integer' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_012
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'octetstring' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_013
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'universal charstring' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_toplevel_declaring_msg_various_types_014
Reference	ES 201 873-1 [1], clause 13
ICS	None
Dependencies	None
Summary	Port with type anytype can send and receive messages of any basic or structured type: 'verdicttype' type.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.63 Declaring procedure signatures

Test Purpose Id	TP_Sem_1400_procedure_signatures_001
Reference	ES 201 873-1 [1], clause 14
ICS	None
Dependencies	None
Summary	Ensure that the IUT calls signature exception
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1400_procedure_signatures_002
Reference	ES 201 873-1 [1], clause 14
ICS	None
Dependencies	None
Summary	Ensure that with noblock signature the IUT can raise exception
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1400_procedure_signatures_003
Reference	ES 201 873-1 [1], clause 14
ICS	None
Dependencies	None
Summary	Ensure that non blocking signatures can raise exception
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1400_procedure_signatures_004
Reference	ES 201 873-1 [1], clause 14
ICS	None
Dependencies	None
Summary	Ensure that multiple calls can be send without ack using non-blocking signature
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1400_procedure_signatures_002
Reference	ES 201 873-1 [1], clause 14
ICS	None
Dependencies	None
Summary	Ensure that blocking calls needs response or exception handling
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.64 Declaring templates

Test Purpose Id	TP_Syn_15_TopLevel_001
Reference	ES 201 873-1 [1], clause 15
ICS	None
Dependencies	None
Summary	Ensure that a simple template with a single charstring field is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSem_15_TopLevel_001
Reference	ES 201 873-1 [1], clause 15
ICS	None
Dependencies	None
Summary	Ensure that a template formed from a union is rejected when the union somehow contains a default type field.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.65 Declaring message templates

Test Purpose Id	TP_Syn_1501_DeclaringMessageTemplates_001
Reference	ES 201 873-1 [1], clause 15.1
ICS	None
Dependencies	None
Summary	Ensure that a simple record-based message template can be defined.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1501_DeclaringMessageTemplates_002
Reference	ES 201 873-1 [1], clause 15.1
ICS	None
Dependencies	None
Summary	Ensure that a simple record-based message template with a wildcard ? is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1501_DeclaringMessageTemplates_003
Reference	ES 201 873-1 [1], clause 15.1
ICS	None
Dependencies	None
Summary	Ensure that a simple record-based message template can be defined with a pattern in a charstring field.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1501_DeclaringMessageTemplates_004
Reference	ES 201 873-1 [1], clause 15.1
ICS	None
Dependencies	None
Summary	Ensure that a primitive type template can be defined with a ? wildcard.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1501_DeclaringMessageTemplates_005
Reference	ES 201 873-1 [1], clause 15.1
ICS	None
Dependencies	None
Summary	Ensure that a primitive type template can be defined with a one-of notation.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1501_DeclaringMessageTemplates_006
Reference	ES 201 873-1 [1], clause 15.1
ICS	None
Dependencies	None
Summary	Ensure that all port operations are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

A.2.66 Declaring signature templates

Test Purpose Id	TP_Syn_1502_DeclaringSignatureTemplates_001
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Ensure that signature templates with explicit values are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1502_DeclaringSignatureTemplates_002
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Ensure that signature templates with wildcards are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1502_DeclaringSignatureTemplates_003
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Ensure that the basic operations call and getreply are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1502_DeclaringSignatureTemplates_004
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Ensure that the raise and catch operations are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_1502_DeclaringSignatureTemplates_001
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Test in-line templates for accepting procedure replies.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1502_DeclaringSignatureTemplates_002
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Test in-line templates for accepting procedure replies.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1502_DeclaringSignatureTemplates_003
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Test in-line templates for accepting procedure replies.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.67 Global and local templates

Test Purpose Id	TP_Syn_1503_GlobalAndLocalTemplates_001
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a global parameterized template is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1503_GlobalAndLocalTemplates_004
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a parameterized local template in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1503_GlobalAndLocalTemplates_005
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a parameterized local template in a function is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1503_GlobalAndLocalTemplates_006
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a parameterized local template in an altstep is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_1503_GlobalAndLocalTemplates_001
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a template values can be accessed with the dot notation as expected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1503_GlobalAndLocalTemplates_002
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a template actual parameter is passed through correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1503_GlobalAndLocalTemplates_003
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a send operation with actual parameters of a global parameterized template is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1503_GlobalAndLocalTemplates_004
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a parameterized local template in a test case is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1503_GlobalAndLocalTemplates_005
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a send operation with actual parameters of a global parameterized template is accepted with the actual parameter being a template parameter.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1503_GlobalAndLocalTemplates_006
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a send operation with actual parameters of a global parameterized template is accepted with the actual parameter being an inline template.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.68 In-line templates

Test Purpose Id	TP_Syn_1504_InlineTemplates_001
Reference	ES 201 873-1 [1], clause 15.4
ICS	None
Dependencies	None
Summary	Ensure that inline templates are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1504_InlineTemplates_002
Reference	ES 201 873-1 [1], clause 15.4
ICS	None
Dependencies	None
Summary	Ensure that modified parameterized inline templates are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1504_InlineTemplates_003
Reference	ES 201 873-1 [1], clause 15.4
ICS	None
Dependencies	None
Summary	Ensure that modified plain inline templates are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

A.2.69 Modified templates

Test Purpose Id	TP_Syn_1505_ModifiedTemplates_001
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that plain modified template definitions are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1505_ModifiedTemplates_002
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that a modified template does not omit possible parameters introduced in any modification step.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1505_ModifiedTemplates_003
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that the default values in formal parameters of modified templates are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1505_ModifiedTemplates_004
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that dash as default parameter values are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_1505_ModifiedTemplates_001
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that the values of plain modified template definitions are as expected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1505_ModifiedTemplates_002
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that a modified template of a record of type using index notation access works as expected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1505_ModifiedTemplates_003
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that default values in formal parameters of modified templates are working as expected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1505_ModifiedTemplates_004
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that default values in formal parameters of modified templates are working as expected when the modified template uses the dash for the default value.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_001
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that a modified template does not refer to itself.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_002
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that a modified template does not omit possible parameters of the base template.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_003
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that a modified template does not omit possible parameters introduced in any modification step.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_004
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that parameter names in modified templates are the same.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_005
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that the dash in default parameter values of a modified templates is only accepted when the base template actually has a default value.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_006
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that the same parameter name is used when modifying the base template.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_007
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that the same parameter type is used when modifying the base template.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.70 Referencing individual string elements

Test Purpose Id	TP_NegSem_150601_ReferencingIndividualStringElements_001
Reference	ES 201 873-1 [1], clause 15.6.1
ICS	None
Dependencies	None
Summary	Ensure that the referencing of individual string elements inside templates or template fields is forbidden.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.71 Referencing record and set fields

Test Purpose Id	TP_Sem_150602_ReferencingRecordAndSetFields_001
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	? shall be returned for mandatory subfields and * shall be returned for optional subfields.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_150602_ReferencingRecordAndSetFields_002
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	Ensure that the recursive anyvalue expansion is performed correctly when new values are assigned.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_150602_ReferencingRecordAndSetFields_003
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	? shall be returned for mandatory subfields and * shall be returned for optional subfields.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_150602_ReferencingRecordAndSetFields_004
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	? shall be returned for mandatory subfields and * shall be returned for optional subfields.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_150602_ReferencingRecordAndSetFields_001
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	Ensure that fields with omit values on the right-hand side of an assignment are rejected.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150602_ReferencingRecordAndSetFields_002
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	Ensure that fields with * values on the right-hand side of an assignment are rejected
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150602_ReferencingRecordAndSetFields_003
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	Ensure that value lists on the right-hand side of an assignment are not accepted.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150602_ReferencingRecordAndSetFields_004
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	Ensure that complement lists on the right-hand side of an assignment are not accepted.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150602_ReferencingRecordAndSetFields_005
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	Ensure that referencing a template field with the ifpresent attribute causes a rejection.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.72 Referencing record of and set of elements

Test Purpose Id	TP_Sem_150603_ReferencingRecordOfAndSetElements_001
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that assignment of an anyvalue on the right hand side yields an anyvalue in the context of record of.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_150603_ReferencingRecordOfAndSetElements_002
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that assignment to a anyvalue in the context of record of is handled correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_150603_ReferencingRecordOfAndSetElements_003
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that assignment to a anyvalue in the context of record of is handled correctly in two subsequent assignments.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_150603_ReferencingRecordOfAndSetElements_004
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that assignment to a anyvalue in the context of record of is handled correctly when the first element is changed.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_150603_ReferencingRecordOfAndSetElements_005
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that access outside permutation fields is allowed and works as expected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_001
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that referencing an element within a value list causes an error in the context of record of.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_002
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that access to uninitialized fields in the context of record of is rejected.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_003
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that anyvalueornone fields in the context of record of is rejected.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_004
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that complement value lists in the context of record of are rejected.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_005
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that subset in the context of record of are rejected.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_006
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that superset in the context of record of are rejected.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_007
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that access into permutation in record of templates is forbidden.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_008
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that access to record of indexes is forbidden when a previous index entry is a permutation with a *.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_009
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that access to ifpresent fields is not allowed.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_010
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that referencing AnyValueOrNone fields is not allowed.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.73 Template restrictions

Test Purpose Id	TP_Syn_1508_TemplateRestrictions_001
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is accepted with value omitvalue.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1508_TemplateRestrictions_002
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is accepted with a concrete value.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1508_TemplateRestrictions_003
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is accepted with a concrete value.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_1508_TemplateRestrictions_004
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(present) is accepted with a concrete value.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_001
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a value can be assigned to a template(omit) variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_002
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(omit) can be assigned to a template(omit) variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_003
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a templat(value) can be assigned to a template(omit) variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_004
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a value can be assigned to a template(value) variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_005
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(value) can be assigned to a template(value) variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_006
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a value can be assigned to a template(present) variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_007
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(omit) can be assigned to a template(present) variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_008
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(value) can be assigned to a template(present) variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_009
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(present) can be assigned to a template(present) variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_010
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a value can be assigned to a template variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_011
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(omit) can be assigned to a template variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_012
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(value) can be assigned to a template variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_013
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(present) can be assigned to a template variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_014
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template can be assigned to a template variable.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_015
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a base template can be modified without restrictions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_001
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with anyvalue(?).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_002
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with setof template.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_003
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with anyvalueornone(*).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_004
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with value ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_005
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with supersets.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_006
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with subsets.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_007
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with patterns.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_008
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with anyelement inside values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_009
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with anyelementornone inside values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_010
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with permutation inside values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_011
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with length restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_012
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with length restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_013
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with length restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_014
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with anyvalue(?).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_015
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with valuelist.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_016
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with anyvalueornone(*).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_017
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with value ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_018
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with supersets.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_019
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with supersets.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_020
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with patterns.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_021
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with anyelement inside values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_022
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with permutation inside values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_023
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with length restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_024
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with length restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_025
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(present) refuses omitvalue as a whole.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_026
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) refuses omit as a whole.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.74 Match operation

Test Purpose Id	TP_Sem_1509_MatchOperation_001
Reference	ES 201 873-1 [1], clause 15.9
ICS	None
Dependencies	None
Summary	Ensure that the match operation works as expected on a template with range restriction when the tested value is inside the range.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1509_MatchOperation_002
Reference	ES 201 873-1 [1], clause 15.9
ICS	None
Dependencies	None
Summary	Ensure that the match operation works as expected on a template with range restriction when the tested value is outside the range.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1509_MatchOperation_003
Reference	ES 201 873-1 [1], clause 15.9
ICS	None
Dependencies	None
Summary	Ensure that the match operation works correctly on records in the positive case.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1509_MatchOperation_004
Reference	ES 201 873-1 [1], clause 15.9
ICS	None
Dependencies	None
Summary	Ensure that the match operation works correctly on records in the negative case.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1509_MatchOperation_005
Reference	ES 201 873-1 [1], clause 15.9
ICS	None
Dependencies	None
Summary	Ensure that the match operation works correctly if the types are incompatible.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1509_MatchOperation_001
Reference	ES 201 873-1 [1], clause 15.9
ICS	None
Dependencies	None
Summary	Ensure that the match operation refuses two templates as actual parameters.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.75 Valueof operation

Test Purpose Id	TP_Sem_1510_ValueOfOperation_001
Reference	ES 201 873-1 [1], clause 15.10
ICS	None
Dependencies	None
Summary	Ensure that the valueof operation works as expected for fully initialized templates.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1510_ValueOfOperation_001
Reference	ES 201 873-1 [1], clause 15.10
ICS	None
Dependencies	None
Summary	Ensure that the valueof function works correctly on omit.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1510_ValueOfOperation_002
Reference	ES 201 873-1 [1], clause 15.10
ICS	None
Dependencies	None
Summary	Ensure that the valueof function works correctly on templates with wildcards.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1510_ValueOfOperation_003
Reference	ES 201 873-1 [1], clause 15.10
ICS	None
Dependencies	None
Summary	Ensure that the valueof function works correctly on regular value templates.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1510_ValueOfOperation_004
Reference	ES 201 873-1 [1], clause 15.10
ICS	None
Dependencies	None
Summary	Ensure that the valueof function works correctly on range templates.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.76 Concatenating templates of string and list types

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_001
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of charstring types works as expected (variant 1).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_002
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types works as expected (variant 2).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_003
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of bitstring types works as expected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_004
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types works as expected (variant 1).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_005
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types works as expected (variant 2).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_006
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that a concatenation of charstrings with a fixed length AnyValueOrNone be matched.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_008
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenations of record of charstrings work when parameterized.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_009
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenations of set of integers are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_010
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that the inline template definitions are correctly concatenated.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_011
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types works as expected (matching patterns in quotation).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_012
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types and ? patterns works as expected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_013
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types and ? patterns works as expected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_001
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types yields an even number of digits.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_002
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of strings types yields an error if specified ranges are not fixed length.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_003
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that a simple concatenation of non-wildcard octetstring shall not yield in a non-even number of hexadecimals.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_004
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that the inline template definitions are correctly concatenated.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_005
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that the inline template definitions are correctly concatenated.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_006
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types and ? patterns works as expected.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.77 Functions

Test Purpose Id	TP_Sem_1601_toplevel_001
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1601_toplevel_003
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1601_toplevel_001
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1601_toplevel_002
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1601_toplevel_003
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1601_toplevel_004
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1601_toplevel_005
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1601_toplevel_006
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.78 Invoking functions

Test Purpose Id	TP_Sem_160101_invoking_functions_001
Reference	ES 201 873-1 [1], clause 16.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function invocations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.79 Predefined functions

Test Purpose Id	TP_Sem_160102_predefined_functions_001
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_002
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_003
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_004
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_005
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_006
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_007
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_008
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_009
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_010
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_011
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_012
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_013
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_014
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_015
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_001
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_002
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_003
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_004
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_005
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_006
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_007
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_008
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_009
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_010
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_011
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_014
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_015
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_016
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_017
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_018
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_019
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_020
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by clause C.33).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_021
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_022
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_023
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_024
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_025
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_026
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_027
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_028
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_029
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_030
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_031
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.80 External functions

Test Purpose Id	TP_Sem_160103_external_functions_001
Reference	ES 201 873-1 [1], clause 16.1.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes external functions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160103_external_functions_002
Reference	ES 201 873-1 [1], clause 16.1.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes external functions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_160103_external_functions_001
Reference	ES 201 873-1 [1], clause 16.1.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes external functions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160103_external_functions_002
Reference	ES 201 873-1 [1], clause 16.1.3
ICS	None
Dependencies	None
Summary	Port parameters cannot be passed to external functions as inout parameters.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160103_external_functions_003
Reference	ES 201 873-1 [1], clause 16.1.3
ICS	None
Dependencies	None
Summary	Timer parameters cannot be passed to external functions as inout parameters.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.81 Invoking function from specific places

Test Purpose Id	TP_NegSem_160104_invoking_functions_from_specific_places_001
Reference	ES 201 873-1 [1], clause 16.1.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes restrictions described in clause 16.1.4. STF409 assumes that the list given in clause 16.1.4 describes mandatory restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160104_invoking_functions_from_specific_places_002
Reference	ES 201 873-1 [1], clause 16.1.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes restrictions described in clause 16.1.4. STF409 assumes that the list given in clause 16.1.4 describes mandatory restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160104_invoking_functions_from_specific_places_003
Reference	ES 201 873-1 [1], clause 16.1.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes restrictions described in clause 16.1.4. STF409 assumes that the list given in clause 16.1.4 describes mandatory restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160104_invoking_functions_from_specific_places_004
Reference	ES 201 873-1 [1], clause 16.1.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes restrictions described in clause 16.1.4. STF409 assumes that the list given in clause 16.1.4 describes mandatory restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.82 Altsteps

Test Purpose Id	TP_NegSyn_1602_toplevel_001
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_1602_toplevel_001
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1602_toplevel_001
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1602_toplevel_002
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1602_toplevel_003
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1602_toplevel_004
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1602_toplevel_005
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1602_toplevel_006
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.83 Invoking altsteps

Test Purpose Id	TP_Sem_160201_invoking_altsteps_001
Reference	ES 201 873-1 [1], clause 16.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160201_invoking_altsteps_002
Reference	ES 201 873-1 [1], clause 16.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160201_invoking_altsteps_003
Reference	ES 201 873-1 [1], clause 16.2.1
ICS	None
Dependencies	None
Summary	Ensure that altsteps are correctly handled for dynamically mapped ports.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160201_invoking_altsteps_004
Reference	ES 201 873-1 [1], clause 16.2.1
ICS	None
Dependencies	None
Summary	Ensure that altsteps are correctly handled for dynamically mapped ports.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_160201_invoking_altsteps_001
Reference	ES 201 873-1 [1], clause 16.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.84 Test cases

Test Purpose Id	TP_Syn_1603_testcases_001
Reference	ES 201 873-1 [1], clause 16.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates invocation of testcases with system clause.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1603_testcases_001
Reference	ES 201 873-1 [1], clause 16.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates invocation of testcases.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1603_testcases_002
Reference	ES 201 873-1 [1], clause 16.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates invocation of testcases.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.85 Assignments

Test Purpose Id	TP_NegSyn_1901_assignments_001
Reference	ES 201 873-1 [1], clause 19.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates assignment statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_1901_assignments_001
Reference	ES 201 873-1 [1], clause 19.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates assignment statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1901_assignments_001
Reference	ES 201 873-1 [1], clause 19.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates assignment statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1901_assignments_002
Reference	ES 201 873-1 [1], clause 19.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates assignment statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1901_assignments_003
Reference	ES 201 873-1 [1], clause 19.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates assignment statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.86 The if-else statement

Test Purpose Id	TP_NegSyn_1902_if_else_statement_001
Reference	ES 201 873-1 [1], clause 19.2
ICS	None
Dependencies	None
Summary	If statement requires curly brackets for the body.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_1902_if_else_statement_001
Reference	ES 201 873-1 [1], clause 19.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates if-else statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1902_if_else_statement_002
Reference	ES 201 873-1 [1], clause 19.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates if-else statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.87 The select case statement

Test Purpose Id	TP_Sem_1903_select_case_statement_001
Reference	ES 201 873-1 [1], clause 19.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates select-case statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1903_select_case_statement_002
Reference	ES 201 873-1 [1], clause 19.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates select-case statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1903_select_case_statement_003
Reference	ES 201 873-1 [1], clause 19.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates select-case statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1903_select_case_statement_004
Reference	ES 201 873-1 [1], clause 19.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates select-case statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.88 The for statement

Test Purpose Id	TP_Sem_1904_for_statement_001
Reference	ES 201 873-1 [1], clause 19.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates for statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1904_for_statement_002
Reference	ES 201 873-1 [1], clause 19.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates for statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1904_for_statement_003
Reference	ES 201 873-1 [1], clause 19.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates for statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1904_for_statement_001
Reference	ES 201 873-1 [1], clause 19.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates for statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.89 The while statement

Test Purpose Id	TP_Sem_1905_while_statement_001
Reference	ES 201 873-1 [1], clause 19.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates while statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1905_while_statement_002
Reference	ES 201 873-1 [1], clause 19.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates while statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1905_while_statement_003
Reference	ES 201 873-1 [1], clause 19.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates while statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1905_while_statement_001
Reference	ES 201 873-1 [1], clause 19.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates while statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.90 The do-while statement

Test Purpose Id	TP_Sem_1906_do_while_statement_001
Reference	ES 201 873-1 [1], clause 19.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates do-while statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1906_do_while_statement_002
Reference	ES 201 873-1 [1], clause 19.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates do-while statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1906_do_while_statement_003
Reference	ES 201 873-1 [1], clause 19.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates do-while statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1906_do_while_statement_001
Reference	ES 201 873-1 [1], clause 19.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates do-while statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.91 The label statement

Test Purpose Id	TP_Syn_1907_label_statement_001
Reference	ES 201 873-1 [1], clause 19.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles label syntax.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_1907_label_statement_001
Reference	ES 201 873-1 [1], clause 19.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles label syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_1907_label_statement_002
Reference	ES 201 873-1 [1], clause 19.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles label syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1907_label_statement_001
Reference	ES 201 873-1 [1], clause 19.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles label naming uniqueness.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.92 The goto statement

Test Purpose Id	TP_Sem_1908_goto_statement_001
Reference	ES 201 873-1 [1], clause 19.8
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles goto statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1908_goto_statement_002
Reference	ES 201 873-1 [1], clause 19.8
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles goto statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1908_goto_statement_003
Reference	ES 201 873-1 [1], clause 19.8
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles goto statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1908_goto_statement_001
Reference	ES 201 873-1 [1], clause 19.8
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles goto statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1908_goto_statement_002
Reference	ES 201 873-1 [1], clause 19.8
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles goto statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1908_goto_statement_003
Reference	ES 201 873-1 [1], clause 19.8
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles goto statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.93 The stop execution statement

Test Purpose Id	TP_Sem_1909_stop_statement_001
Reference	ES 201 873-1 [1], clause 19.9
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles stop statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1909_stop_statement_002
Reference	ES 201 873-1 [1], clause 19.9
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles stop statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.94 The return statement

Test Purpose Id	TP_Sem_1910_return_statement_001
Reference	ES 201 873-1 [1], clause 19.10
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles return statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1910_return_statement_002
Reference	ES 201 873-1 [1], clause 19.10
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles return statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1910_return_statement_001
Reference	ES 201 873-1 [1], clause 19.10
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles return statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.95 The log statement

Test Purpose Id	TP_Sem_1911_log_statement_001
Reference	ES 201 873-1 [1], clause 19.11
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates log statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1911_log_statement_002
Reference	ES 201 873-1 [1], clause 19.11
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates log statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1911_log_statement_003
Reference	ES 201 873-1 [1], clause 19.11
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates log statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1911_log_statement_004
Reference	ES 201 873-1 [1], clause 19.11
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates log statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1911_log_statement_005
Reference	ES 201 873-1 [1], clause 19.11
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates log statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1911_log_statement_001
Reference	ES 201 873-1 [1], clause 19.11
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates log statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.96 The continue statement

Test Purpose Id	TP_Sem_1913_continue_statement_001
Reference	ES 201 873-1 [1], clause 19.13
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates continue statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.97 Statement and operations for alternative behaviours

Test Purpose Id	TP_Syn_20_TopLevel_001
Reference	ES 201 873-1 [1], clause 20
ICS	None
Dependencies	None
Summary	Ensure that alt-statements are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_20_TopLevel_002
Reference	ES 201 873-1 [1], clause 20
ICS	None
Dependencies	None
Summary	Ensure that repeat in an alt-statement is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_20_TopLevel_003
Reference	ES 201 873-1 [1], clause 20
ICS	None
Dependencies	None
Summary	Ensure that the interleave-statement is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_20_TopLevel_004
Reference	ES 201 873-1 [1], clause 20
ICS	None
Dependencies	None
Summary	Ensure that defaults and the activate statement is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_20_TopLevel_005
Reference	ES 201 873-1 [1], clause 20
ICS	None
Dependencies	None
Summary	Ensure that defaults and the activate statement is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

A.2.98 The alt statement

Test Purpose Id	TP_Sem_2002_TheAltStatement_001
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the alt-statement works as expected (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_002
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the alt-statement with a guard works as expected (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_003
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the alt-statement processes the alternatives in order (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_004
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that activated defaults are processed in the reverse order (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_005
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the else branch is executed when nothing else matched (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_006
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that an altstep invocation works as expected (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_007
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that an altstep invocation works as expected and that the optional statement block is executed after the altstep statement block (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_008
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the done-block in an alt-statement is triggered as expected (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_009
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the killed-block in an alt-statement is triggered as expected when the component is killed (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_010
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the timeout branch is taken as expected (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_011
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the behavior continues after the alt-statement (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_012
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that alt statements are correctly handled for dynamically mapped ports.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_013
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that alt statements are correctly handled for dynamically mapped ports.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.99 The repeat statement

Test Purpose Id	TP_Sem_2003_the_repeat_statement_001
Reference	ES 201 873-1 [1], clause 20.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly processes repeat statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_2003_the_repeat_statement_001
Reference	ES 201 873-1 [1], clause 20.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly processes repeat statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.100 The interleave statement

Test Purpose Id	TP_Syn_2004_InterleaveStatement_001
Reference	ES 201 873-1 [1], clause 20.4
ICS	None
Dependencies	None
Summary	Validate that interleave statements are properly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_2004_InterleaveStatement_001
Reference	ES 201 873-1 [1], clause 20.4
ICS	None
Dependencies	None
Summary	Validate that interleave statements are properly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2004_InterleaveStatement_002
Reference	ES 201 873-1 [1], clause 20.4
ICS	None
Dependencies	None
Summary	Validate that interleave statements are properly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_2004_InterleaveStatement_001
Reference	ES 201 873-1 [1], clause 20.4
ICS	None
Dependencies	None
Summary	Validate that interleave statements are properly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2004_InterleaveStatement_002
Reference	ES 201 873-1 [1], clause 20.4
ICS	None
Dependencies	None
Summary	Validate that interleave statements are properly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_2004_InterleaveStatement_001
Reference	ES 201 873-1 [1], clause 20.4
ICS	None
Dependencies	None
Summary	Validate that interleave statements are properly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.101 Configuration operations

Test Purpose Id	TP_NegSem_210101_connect_operation_001
Reference	ES 201 873-1 [1], clause 21
ICS	None
Dependencies	None
Summary	Ensure that the IUT does not allows two output port connection.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_210101_connect_operation_002
Reference	ES 201 873-1 [1], clause 21
ICS	None
Dependencies	None
Summary	Ensure that the IUT does not allow connecting incompatible ports.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.102 Connection operations

Test Purpose Id	TP_NegSem_210101_map_operation_001
Reference	ES 201 873-1 [1], clause 21.1
ICS	None
Dependencies	None
Summary	Ensure that IUT cannot map input port with output port.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_210101_map_operation_002
Reference	ES 201 873-1 [1], clause 21.1
ICS	None
Dependencies	None
Summary	Ensure that IUT cannot map input port with output port.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.103 Test case operations

Test Purpose Id	TP_NegSem_2102_testcase_stop_001
Reference	ES 201 873-1 [1], clause 21.2
ICS	None
Dependencies	None
Summary	Stopping test case.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.104 The create operation

Test Purpose Id	TP_Syn_210301_CreateOperation_001
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that named components on hosts are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_210301_CreateOperation_001
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that unnamed components can be created.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210301_CreateOperation_002
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that named components can be created.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210301_CreateOperation_003
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that unnamed alive components on hosts can be created.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210301_CreateOperation_004
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that named alive components can be created.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_210301_CreateOperation_001
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that named components on hosts are accepted.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_210301_CreateOperation_002
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that named components on hosts are accepted.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_210301_CreateOperation_003
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that named components on hosts are accepted.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.105 The start test component operation

Test Purpose Id	TP_Sem_210302_Start_test_component_001
Reference	ES 201 873-1 [1], clause 21.3.2
ICS	None
Dependencies	None
Summary	Ensure that alive test components are allowed to start another function.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_210302_Start_test_component_001
Reference	ES 201 873-1 [1], clause 21.3.2
ICS	None
Dependencies	None
Summary	Ensure that non-alive ptc cannot start again.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_210302_Start_test_component_002
Reference	ES 201 873-1 [1], clause 21.3.2
ICS	None
Dependencies	None
Summary	Ensure that only component type is allowed for ptc declaration.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.106 The stop test behaviour operation

Test Purpose Id	TP_Sem_210303_Stop_test_component_001
Reference	ES 201 873-1 [1], clause 21.3.3
ICS	None
Dependencies	None
Summary	Ensure that component.stop causes the stopping of the target component.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210303_Stop_test_component_002
Reference	ES 201 873-1 [1], clause 21.3.3
ICS	None
Dependencies	None
Summary	Ensure that self.stop stops current component.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.107 The kill test component operation

Test Purpose Id	TP_Sem_210304_kill_test_component_001
Reference	ES 201 873-1 [1], clause 21.3.4
ICS	None
Dependencies	None
Summary	Ensure that kill operator stops a non alive test components.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210304_kill_test_component_002
Reference	ES 201 873-1 [1], clause 21.3.4
ICS	None
Dependencies	None
Summary	Ensure that all component kill stop all ptc's.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210304_kill_test_component_003
Reference	ES 201 873-1 [1], clause 21.3.4
ICS	None
Dependencies	None
Summary	Ensure that kill operator stops only non alive test components
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210304_kill_test_component_004
Reference	ES 201 873-1 [1], clause 21.3.4
ICS	None
Dependencies	None
Summary	Ensure that self kill called in a functions stops non alive test comp.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.108 The alive operation

Test Purpose Id	TP_Sem_210305_alive_operation_001
Reference	ES 201 873-1 [1], clause 21.3.5
ICS	None
Dependencies	None
Summary	Testing alive operator with an alive test component.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210305_alive_operation_002
Reference	ES 201 873-1 [1], clause 21.3.5
ICS	None
Dependencies	None
Summary	Test all component alive operator with alive test components.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210305_alive_operation_003
Reference	ES 201 873-1 [1], clause 21.3.5
ICS	None
Dependencies	None
Summary	Ensure that alive operator gives a correct boolean result.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210305_alive_operation_004
Reference	ES 201 873-1 [1], clause 21.3.5
ICS	None
Dependencies	None
Summary	Test any component alive operator with multiple test components.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.109 The running operation

Test Purpose Id	TP_Sem_210306_running_operation_001
Reference	ES 201 873-1 [1], clause 21.3.6
ICS	None
Dependencies	None
Summary	Check that running operator provides information about test components.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210306_running_operation_002
Reference	ES 201 873-1 [1], clause 21.3.6
ICS	None
Dependencies	None
Summary	Any component with running can check the status of the test components.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.110 The done operation

Test Purpose Id	TP_Sem_210307_done_operation_001
Reference	ES 201 873-1 [1], clause 21.3.7
ICS	None
Dependencies	None
Summary	Ensure that all component with done can check that at least one test component is not done.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_210307_done_operation_001
Reference	ES 201 873-1 [1], clause 21.3.7
ICS	None
Dependencies	None
Summary	Ensure that done operator can be used only for ptcS.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.111 The killed operation

Test Purpose Id	TP_Sem_210308_killed_operation_001
Reference	ES 201 873-1 [1], clause 21.3.8
ICS	None
Dependencies	None
Summary	Ensure that all component kill can be checked with killed operator.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210308_killed_operation_002
Reference	ES 201 873-1 [1], clause 21.3.8
ICS	None
Dependencies	None
Summary	Check that any component and killed operator can check that at least one test component is running or not.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210308_killed_operation_003
Reference	ES 201 873-1 [1], clause 21.3.8
ICS	None
Dependencies	None
Summary	Ensure that the alive keyword is properly evaluated.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_210308_killed_operation_001
Reference	ES 201 873-1 [1], clause 21.3.8
ICS	None
Dependencies	None
Summary	Ensure that killed operator is only valid for ptcs.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.112 The send operation

Test Purpose Id	TP_Sem_220201_SendOperation_001
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220201_SendOperation_002
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220201_SendOperation_003
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220201_SendOperation_004
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_220201_SendOperation_001
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220201_SendOperation_002
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220201_SendOperation_003
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220201_SendOperation_004
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.113 The receive operation

Test Purpose Id	TP_Sem_220202_ReceiveOperation_001
Reference	ES 201 873-1 [1], clause 22.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message receiving operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220202_ReceiveOperation_002
Reference	ES 201 873-1 [1], clause 22.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message receiving operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220202_ReceiveOperation_003
Reference	ES 201 873-1 [1], clause 22.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message receiving operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220202_ReceiveOperation_004
Reference	ES 201 873-1 [1], clause 22.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message receiving operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220202_ReceiveOperation_005
Reference	ES 201 873-1 [1], clause 22.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message receiving operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_220202_ReceiveOperation_001
Reference	ES 201 873-1 [1], clause 22.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message receiving operations.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.114 The trigger operation

Test Purpose Id	TP_Sem_220203_TriggerOperation_001
Reference	ES 201 873-1 [1], clause 22.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message trigger operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220203_TriggerOperation_002
Reference	ES 201 873-1 [1], clause 22.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message trigger operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220203_TriggerOperation_003
Reference	ES 201 873-1 [1], clause 22.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message trigger operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220203_TriggerOperation_004
Reference	ES 201 873-1 [1], clause 22.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message trigger operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220203_TriggerOperation_005
Reference	ES 201 873-1 [1], clause 22.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message trigger operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_220203_TriggerOperation_001
Reference	ES 201 873-1 [1], clause 22.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message trigger operations.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.115 The call operation

Test Purpose Id	TP_Sem_220301_CallOperation_001
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles procedure call operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220301_CallOperation_002
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles procedure call operations.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220301_CallOperation_003
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles non-blocking procedure call.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220301_CallOperation_004
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles multiple client calls to the same server.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220301_CallOperation_005
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles broadcast/multicast procedure call.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220301_CallOperation_006
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles broadcast/multicast procedure call.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220301_CallOperation_007
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles blocking procedure call.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1400_procedure_signatures_001
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that nonblocking signature contains in parameter.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220301_CallOperation_001
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles procedure call operations.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220301_CallOperation_002
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly procedure calls.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.116 The getcall operation

Test Purpose Id	TP_Sem_220302_GetcallOperation_001
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that getcall operations remove only matching procedure from the queue.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220302_GetcallOperation_002
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that getcall operations remove the matching procedure from the queue.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220302_GetcallOperation_003
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that the getcall operation can be correctly restricted to a certain client.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220302_GetcallOperation_004
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that the getcall operation can be correctly restricted to a certain client.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220302_GetcallOperation_005
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that getcall operations work with any port attribute.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_220302_GetcallOperation_001
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that getcall operations are only used on procedure based ports.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220302_GetcallOperation_002
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that getcall operation does not allow value assignment.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220302_GetcallOperation_003
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that getcall for any call does not allow param assignment.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.117 The reply operation

Test Purpose Id	TP_Sem_220303_ReplyOperation_001
Reference	ES 201 873-1 [1], clause 22.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles reply to multiple clients on the same server.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220303_ReplyOperation_002
Reference	ES 201 873-1 [1], clause 22.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles reply to multiple clients on the same server.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_220303_ReplyOperation_001
Reference	ES 201 873-1 [1], clause 22.3.3
ICS	None
Dependencies	None
Summary	Ensure that reply operations are only used on procedure based ports.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.118 Timer operations

Test Purpose Id	TP_Syn_23_toplevel_001
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer allowed in module control, test case, function, altstep.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_23_toplevel_002
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer allowed in module control, test case, function, altstep.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_001
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_002
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_003
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_004
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_005
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_006
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_007
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_008
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_009
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_010
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_011
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_012
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_013
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_2302_timer_start_001
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer runs from zero to stated value.
Expected Output	The TTCN-3 module shall be accepted by the tool.
Notes	

Test Purpose Id	TP_Sem_2302_timer_start_002
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer can be restarted.
Expected Output	The TTCN-3 module shall be accepted by the tool.
Notes	

Test Purpose Id	TP_Sem_2302_timer_start_003
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer default value can be modified by start value.
Expected Output	The TTCN-3 module shall be accepted by the tool.
Notes	

Test Purpose Id	TP_Sem_2302_timer_start_004
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer with value 0.0 expires immediately.
Expected Output	The TTCN-3 module shall be accepted by the tool.
Notes	

Test Purpose Id	TP_NegSyn_23_toplevel_001
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer operations are not allowed outside of module control, test case, function, altstep.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_23_toplevel_002
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer operations are not allowed outside of module control, test case, function, altstep.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2302_timer_start_001
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure infinity is not allowed.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2302_timer_start_002
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure not_a_number is not allowed.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2302_timer_start_003
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure negative value is not allowed.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2302_timer_start_004
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure negative infinity is not allowed.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_23_toplevel_001
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer operations are not allowed outside of module control, test case, function, altstep.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_23_toplevel_002
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer operations are not allowed outside of module control, test case, function, altstep.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.119 The stop timer operation

Test Purpose Id	TP_Syn_2303_timer_stop_006
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure timer stop syntax.
Expected Output	The TTCN-3 module shall be accepted by the tool.
Notes	

Test Purpose Id	TP_Syn_2303_timer_stop_007
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure all timer stop syntax.
Expected Output	The TTCN-3 module shall be accepted by the tool.
Notes	

Test Purpose Id	TP_NegSyn_2303_timer_stop_001
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure timer stop syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2303_timer_stop_002
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure timer stop syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2303_timer_stop_003
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure all timer stop syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2303_timer_stop_004
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure all timer stop syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2303_timer_stop_005
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure all timer stop syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2303_timer_stop_006
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure all timer stop syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_2303_timer_stop_002
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure timer stop sets elapsed time to zero.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2303_timer_stop_003
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure timer all timer identifier.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2303_timer_stop_004
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure can be stopped after timeout.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict none after execution.
Notes	

A.2.120 The running timer operation

Test Purpose Id	TP_Syn_2306_timer_timeout_001
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_2305_timer_running_001
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2305_timer_running_002
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2305_timer_running_003
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2305_timer_running_004
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2305_timer_running_005
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2305_timer_running_006
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax: disallow all timer.running.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_2305_timer_running_001
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running any timer identifier works.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2305_timer_running_002
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running operation works.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2305_timer_running_003
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running operation works
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2305_timer_running_004
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running operation works.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.121 The timeout operation

Test Purpose Id	TP_NegSyn_2306_timer_timeout_001
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2306_timer_timeout_002
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout can't be used in boolean expressions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2306_timer_timeout_003
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2306_timer_timeout_004
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2306_timer_timeout_005
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2306_timer_timeout_006
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2306_timer_timeout_007
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_001
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout operations: non-started timer does not timeout.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_002
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout operations: timed-out timer does not timeout until restarted.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_003
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout happen in order from the shortest to the longest.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_004
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure any timer.timeout operation.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_005
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure any timer.timeout operation for timeouts that are not in scope.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_006
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure any timer.timeout operation handles timeout of any timer in the component, not only visible from a function or altstep.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_007
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout happen in order from the shortest to the longest.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.122 Test verdict operations

Test Purpose Id	TP_Syn_24_toplevel_001
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict and getverdict are allowed in functions.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_24_toplevel_002
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict and getverdict are allowed in test cases.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_24_toplevel_003
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict and getverdict are allowed in atsteps.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_002
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure received messages can't be matched with wrong template.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_003
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared by in-line templates.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_004
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared by global templates.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_005
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared and passed via template variables.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_006
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared and passed via inline template.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_007
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared and passed via parameter.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_008
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared and passed via template parameter.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_009
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared and passed via template parameter.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2402_setverdict_logging_001
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure logging constraints.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2402_setverdict_params_001
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts values only as the parameter.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2402_setverdict_params_002
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts values only as the parameter.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2402_setverdict_params_003
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure logging constraints.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_2402_setverdict_params_001
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts parameters of verdicttype only.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2402_setverdict_params_002
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts parameters of verdicttype only.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2402_setverdict_params_003
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts values of verdicttype only.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2402_setverdict_params_004
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts values only as the parameter.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2402_setverdict_params_005
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts values only as the parameter.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_24_toplevel_001
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure getverdict is not allowed in constant initialization in control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_24_toplevel_002
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure getverdict is not allowed in parameter initialization in control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_24_toplevel_003
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure getverdict is not allowed in variable definition in control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_24_toplevel_004
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict is not allowed in part within compound statement.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_24_toplevel_005
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict is not allowed in control part at the top level.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.123 The verdict mechanism

Test Purpose Id	TP_Syn_2401_FiveValues_001
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure that there are five values of verdicttype.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_001
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: pass can overwrite none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_002
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: inconc can overwrite none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_003
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: fail can overwrite none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_004
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: none can't overwrite pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_005
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: inconc can overwrite pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_006
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: fail can overwrite pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_007
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: none can't overwrite inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_008
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: pass can't overwrite inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_009
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: fail can overwrite inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_010
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: none can't overwrite fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_011
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: pass can't overwrite fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_012
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: inconc can't overwrite fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_InitiallyNone_001
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure that local verdicts initializes with none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_001
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: pass can overwrite none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_002
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: inconc can overwrite none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_003
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: fail can overwrite none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_004
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: none can't overwrite pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_005
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: inconc can overwrite pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_006
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: fail can overwrite pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_007
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: none can't overwrite inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_008
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: pass can't overwrite inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_009
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: fail can overwrite inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_010
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: none can't overwrite fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_011
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: pass can't overwrite fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_012
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: inconc can't overwrite fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_NegSem_2401_SetverdictError
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure that setverdict can't set error verdict.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.124 The getverdict mechanism

Test Purpose Id	TP_Sem_2403_getverdict_001
Reference	ES 201 873-1 [1], clause 24.3
ICS	None
Dependencies	None
Summary	Ensure getverdict returns the actual verdict none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2403_getverdict_002
Reference	ES 201 873-1 [1], clause 24.3
ICS	None
Dependencies	None
Summary	Ensure getverdict returns the actual verdict inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2403_getverdict_003
Reference	ES 201 873-1 [1], clause 24.3
ICS	None
Dependencies	None
Summary	Ensure getverdict returns the actual verdict pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2403_getverdict_004
Reference	ES 201 873-1 [1], clause 24.3
ICS	None
Dependencies	None
Summary	Ensure getverdict returns the actual verdict fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict error after execution.
Notes	

Test Purpose Id	TP_Sem_2403_getverdict_005
Reference	ES 201 873-1 [1], clause 24.3
ICS	None
Dependencies	None
Summary	Ensure getverdict none for uninitialized verdict.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.125 Module control

Test Purpose Id	TP_Syn_26_ModuleControl_001
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that assignments in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_002
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that if-else constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_003
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that select-case constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_004
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that for loop constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_005
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that while loop constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_006
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that label and goto constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_007
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the stop construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_008
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the break construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_009
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the continue construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_010
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the continue construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_011
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the alt/timeout construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_012
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the repeat construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_013
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the interleave construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_014
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that activate/deactivate/default constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_015
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that start/stop/read/running timer constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_016
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the action construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_017
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the execute construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

A.2.126 The execute statement

Test Purpose Id	TP_Sem_2601_ExecuteStatement_001
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that parameters are passed correctly into the test case.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_002
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that multiple parameters of different types are passed correctly into the test case.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_003
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that the timeout specified with the execute statement is respected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict error after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_004
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that the verdict none works correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_005
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that the verdict pass works correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_006
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that the verdict inconc works correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_007
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that the timeout specified with the execute statement is respected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict error after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_008
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that the user error sets the verdict error correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict error after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_009
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that host id restriction is correctly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict error after execution.
Notes	

Test Purpose Id	TP_NegSem_2601_ExecuteStatement_001
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that non-float timeout parameters in the execute statement are rejected (in this case int).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2601_ExecuteStatement_002
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that non-float timeout parameters in the execute statement are rejected (in this case charstring).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2601_ExecuteStatement_003
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that host id can be only charstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2601_ExecuteStatement_004
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that execution rejects test case execution with infinity timer guard.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.127 The control part

Test Purpose Id	TP_Sem_2602_TheControlPart_001
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the selection/deselection of test cases using boolean conditions works as expected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2602_TheControlPart_002
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the execution of test cases works from within a function.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2602_TheControlPart_003
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the selection of test cases can be achieved based on resulting verdict types.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_001
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that setverdict statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_002
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the create component is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_003
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the create alive component is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_004
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the start statement is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_005
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the stop statement is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_006
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the kill statement is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_007
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the alive operation is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_008
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the running operation is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_009
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the done operation is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_010
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the killed operation is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_011
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the connect statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_012
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the disconnect statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_013
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the map statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_014
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the unmap statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_015
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the send statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_016
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the receive statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_017
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the call statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_018
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the reply statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_019
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the raise statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_020
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the trigger statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_021
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the getcall statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_022
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the getreply statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_023
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the catch statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_024
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the check statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_025
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the clear statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_026
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the start statements on ports are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_027
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the stop statements on ports are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_028
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the halt statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_029
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that alternative behaviours are only used to control timer behavior in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_030
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that getverdict statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_031
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that execute statements are not executed from test cases.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_032
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the create alive named component is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_033
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the create named component is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_034
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the create named component on host is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_035
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that alternative behaviours are only used to control timer behavior in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.128 Scope of attributes

Test Purpose Id	TP_Syn_270101_ScopeOfAttributes_001
Reference	ES 201 873-1 [1], clause 27.1.1
ICS	None
Dependencies	None
Summary	Ensure that attributes for language elements are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_270101_ScopeOfAttributes_002
Reference	ES 201 873-1 [1], clause 27.1.1
ICS	None
Dependencies	None
Summary	Ensure that attributes for language elements are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_270101_ScopeOfAttributes_003
Reference	ES 201 873-1 [1], clause 27.1.1
ICS	None
Dependencies	None
Summary	Ensure that attributes for individual fields are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_270101_ScopeOfAttributes_004
Reference	ES 201 873-1 [1], clause 27.1.1
ICS	None
Dependencies	None
Summary	Ensure that attributes for individual fields are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

A.2.129 Optional attributes

Test Purpose Id	TP_Syn_2707_OptionalAttributes_001
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_001
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_002
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_003
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_004
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_005
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_006
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_007
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_008
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2707_OptionalAttributes_002
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2707_OptionalAttributes_003
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.130 Matching specific values

Test Purpose Id	TP_Sem_B0101_matching_specific_value_001
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_002
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_003
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_004
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_005
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_006
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_007
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_008
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_009
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_010
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_011
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.131 Value list

Test Purpose Id	TP_Sem_B010201_value_list_001
Reference	ES 201 873-1 [1], clause B.1.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of listed multiple values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.132 Complemented value list

Test Purpose Id	TP_Sem_B010202_complemented_value_list_001
Reference	ES 201 873-1 [1], clause B.1.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of complemented value listing.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010202_complemented_value_list_002
Reference	ES 201 873-1 [1], clause B.1.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of complemented value listing.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010202_complemented_value_list_003
Reference	ES 201 873-1 [1], clause B.1.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of complemented value listing.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010202_complemented_value_list_004
Reference	ES 201 873-1 [1], clause B.1.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of complemented value listing.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010202_complemented_value_list_005
Reference	ES 201 873-1 [1], clause B.1.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of complemented value listing.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010202_complemented_value_list_006
Reference	ES 201 873-1 [1], clause B.1.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of complemented value listing.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.133 Any value

Test Purpose Id	TP_Sem_B010203_any_value_001
Reference	ES 201 873-1 [1], clause B.1.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010203_any_value_002
Reference	ES 201 873-1 [1], clause B.1.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.134 Any value or none

Test Purpose Id	TP_Sem_B010204_any_value_or_none_001
Reference	ES 201 873-1 [1], clause B.1.2.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of * values.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010204_any_value_or_none_001
Reference	ES 201 873-1 [1], clause B.1.2.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of * values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010204_any_value_or_none_002
Reference	ES 201 873-1 [1], clause B.1.2.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of * values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.135 Value range

Test Purpose Id	TP_Sem_B010205_value_range_001
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_002
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_003
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_004
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_005
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_006
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_007
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_008
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010205_value_range_001
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010205_value_range_002
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010205_value_range_003
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.136 SuperSet

Test Purpose Id	TP_Sem_B010206_superset_001
Reference	ES 201 873-1 [1], clause B.1.2.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010206_superset_002
Reference	ES 201 873-1 [1], clause B.1.2.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010206_superset_003
Reference	ES 201 873-1 [1], clause B.1.2.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010206_superset_001
Reference	ES 201 873-1 [1], clause B.1.2.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010206_superset_002
Reference	ES 201 873-1 [1], clause B.1.2.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.137 SubSet

Test Purpose Id	TP_Sem_B010207_subset_001
Reference	ES 201 873-1 [1], clause B.1.2.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010207_subset_002
Reference	ES 201 873-1 [1], clause B.1.2.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010207_subset_003
Reference	ES 201 873-1 [1], clause B.1.2.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010207_subset_001
Reference	ES 201 873-1 [1], clause B.1.2.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010207_subset_002
Reference	ES 201 873-1 [1], clause B.1.2.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.138 Any element

Test Purpose Id	TP_Sem_B010301_any_element_001
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_002
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_003
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_004
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_005
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_006
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_007
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_008
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.139 Any number of elements of no element

Test Purpose Id	TP_Sem_B010302_any_number_of_elements_or_none_001
Reference	ES 201 873-1 [1], clause B.1.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of * symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010302_any_number_of_elements_or_none_002
Reference	ES 201 873-1 [1], clause B.1.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of * symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010302_any_number_of_elements_or_none_003
Reference	ES 201 873-1 [1], clause B.1.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of * symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.140 Permutation

Test Purpose Id	TP_Sem_B010303_permutation_001
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010303_permutation_002
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010303_permutation_003
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010303_permutation_004
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010303_permutation_005
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010303_permutation_006
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles permutation within arrays
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010303_permutation_001
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.141 Length restrictions

Test Purpose Id	TP_Sem_B010401_length_restrictions_001
Reference	ES 201 873-1 [1], clause B.1.4.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value length definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010401_length_restrictions_002
Reference	ES 201 873-1 [1], clause B.1.4.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value length definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010401_length_restrictions_001
Reference	ES 201 873-1 [1], clause B.1.4.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value length definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010401_length_restrictions_002
Reference	ES 201 873-1 [1], clause B.1.4.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value length definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010401_length_restrictions_003
Reference	ES 201 873-1 [1], clause B.1.4.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value length definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010401_length_restrictions_004
Reference	ES 201 873-1 [1], clause B.1.4.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value length definitions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.142 The ifpresent indicator

Test Purpose Id	TP_Sem_B010402_ifPresent_indicator_001
Reference	ES 201 873-1 [1], clause B.1.4.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ifpresent indicators.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010402_ifPresent_indicator_002
Reference	ES 201 873-1 [1], clause B.1.4.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ifpresent indicators.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010402_ifPresent_indicator_001
Reference	ES 201 873-1 [1], clause B.1.4.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ifpresent indicators.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.143 Matching character pattern

Test Purpose Id	TP_Sem_B0105_toplevel_001
Reference	ES 201 873-1 [1], clause B.1.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern definitions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.144 Set expression

Test Purpose Id	TP_Sem_B010501_set_expression_001
Reference	ES 201 873-1 [1], clause B.1.5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern set expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010501_set_expression_002
Reference	ES 201 873-1 [1], clause B.1.5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern set expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010501_set_expression_003
Reference	ES 201 873-1 [1], clause B.1.5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern set expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010501_set_expression_004
Reference	ES 201 873-1 [1], clause B.1.5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern set expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010501_set_expression_005
Reference	ES 201 873-1 [1], clause B.1.5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern set expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010501_set_expression_001
Reference	ES 201 873-1 [1], clause B.1.5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern set expressions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.145 Reference expression

Test Purpose Id	TP_Sem_B010502_reference_expression_001
Reference	ES 201 873-1 [1], clause B.1.5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010502_reference_expression_002
Reference	ES 201 873-1 [1], clause B.1.5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010502_reference_expression_003
Reference	ES 201 873-1 [1], clause B.1.5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010502_reference_expression_004
Reference	ES 201 873-1 [1], clause B.1.5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010502_reference_expression_005
Reference	ES 201 873-1 [1], clause B.1.5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010502_reference_expression_006
Reference	ES 201 873-1 [1], clause B.1.5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010502_reference_expression_007
Reference	ES 201 873-1 [1], clause B.1.5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010502_reference_expression_008
Reference	ES 201 873-1 [1], clause B.1.5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010502_reference_expression_009
Reference	ES 201 873-1 [1], clause B.1.5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference expressions.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.146 Match expressionn times

Test Purpose Id	TP_Sem_B010503_match_n_times_001
Reference	ES 201 873-1 [1], clause B.1.5.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010503_match_n_times_002
Reference	ES 201 873-1 [1], clause B.1.5.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010503_match_n_times_003
Reference	ES 201 873-1 [1], clause B.1.5.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010503_match_n_times_004
Reference	ES 201 873-1 [1], clause B.1.5.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010503_match_n_times_005
Reference	ES 201 873-1 [1], clause B.1.5.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.147 Match a referenced character set

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_001
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_002
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_003
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_004
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_005
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_006
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_007
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010504_match_referenced_characters_001
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.148 Type compatibility rules for patterns

Test Purpose Id	TP_Sem_B010505_pattern_compatibility_001
Reference	ES 201 873-1 [1], clause B.1.5.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles character pattern compatibility rules of template matching.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010505_pattern_compatibility_002
Reference	ES 201 873-1 [1], clause B.1.5.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles character pattern compatibility rules of template matching.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.149 Preprocessing macros

Test Purpose Id	TP_Sem_D01_macro_module_001
Reference	ES 201 873-1 [1], clause D
ICS	None
Dependencies	None
Summary	Ensure that <code>MODULE</code> replaces the module name.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_D02_macro_file_001
Reference	ES 201 873-1 [1], clause D
ICS	None
Dependencies	None
Summary	Ensure that <u>FILE</u> macro stores the path and file name in a charstring.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_D03_macro_bfile_001
Reference	ES 201 873-1 [1], clause D
ICS	None
Dependencies	None
Summary	Ensure that the <u>BFILE</u> macro replaces the actual file name.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_D04_macro_line_001
Reference	ES 201 873-1 [1], clause D
ICS	None
Dependencies	None
Summary	Ensure that <u>LINE</u> macro stores the actual line number when it is called.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_D05_macro_scope_001
Reference	ES 201 873-1 [1], clause D
ICS	None
Dependencies	None
Summary	Ensure that <u>SCOPE</u> replaces the actual higher basic unit.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_D05_macro_scope_002
Reference	ES 201 873-1 [1], clause D
ICS	None
Dependencies	None
Summary	Ensure that <u>SCOPE</u> replaces the actual higher basic unit.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_D05_macro_scope_001
Reference	ES 201 873-1 [1], clause D
ICS	None
Dependencies	None
Summary	Ensure that <u>SCOPE</u> replaces the actual higher named basic scope unit.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

History

Document history		
V1.1.1	April 2011	Publication
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