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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)



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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 (ICS)";

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.

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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: "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
OSI	Open Systems Interconnection
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	
	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_005	
	5.4.1.1 Formal parameters of kind value	Sem_05040101_parameters_of_kind_value_001	
	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_001
			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
	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	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	Syn_060201_RecordTypeValues_001	
	Syn_060201_RecordTypeValues_002	
6.3.1 Type compatibility of non-structured types	Sem_060301_non_structured_types_001	
	Sem_060301_non_structured_types_002	
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	
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
	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
	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
	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
		Syn_080202_GroupOfDefinitions_002
		Syn_080202_GroupOfDefinitions_003
		Syn_080202_GroupOfDefinitions_004
	8.2.3.1 General format of import	Syn_08020301_GeneralFormatOfImport_001
		Syn_08020301_GeneralFormatOfImport_002
	8.2.3.2 Importing single definitions	Sem_08020302_ImportingSingleDefinitions_001
		Sem_08020302_ImportingSingleDefinitions_002
	8.2.3.3 Importing groups	Sem_08020303_ImportingGroups_001
		Sem_08020303_ImportingGroups_002
Sem_08020303_ImportingGroups_003		
8.2.3.4 Importing definitions of the same kind	Sem_08020304_ImportingDefinitionsOfTheSameKind_001	
	Sem_08020304_ImportingDefinitionsOfTheSameKind_002	
	Sem_08020304_ImportingDefinitionsOfTheSameKind_003	
8.2.3.5 Importing all definitions of a module	Sem_08020305_ImportingAllDefinitionsOfAModule_001	
	Sem_08020305_ImportingAllDefinitionsOfAModule_002	
8.2.3.6 Import definitions from other TTCN-3 editions and from non-TTCN-3 modules	Syn_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_001	
	Syn_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_002	
8.2.3.7 Importing of import statements from TTCN-3 modules	Sem_08020307_ImportingOfImportStatementsFromT3Modules_001	
8.2.4 Definition of friend modules	Sem_080204_DefinitionOfFriendModules_001	
8.2.5 Visibility of definitions	Sem_080205_VisibilityOfDefinitions_001	
	Sem_080205_VisibilityOfDefinitions_002	
	Sem_080205_VisibilityOfDefinitions_003	
	Sem_080205_VisibilityOfDefinitions_004	
	Sem_080205_VisibilityOfDefinitions_005	
8.3 Module control part	Sem_0803_ModuleControlPart_001	
	Syn_0803_ModuleControlPart_001	
	Syn_0803_ModuleControlPart_002	
	Syn_0803_ModuleControlPart_003	
10 Declaring constants	Top level	Sem_10_Constants_001
		Sem_10_Constants_002
		Syn_10_Constants_001
		Syn_10_Constants_002
		Syn_10_Constants_003
		Syn_10_Constants_004
11 Declaring variables	11.1 Value variables	Sem_1101_ValueVars_001
		Sem_1101_ValueVars_002
		Sem_1101_ValueVars_003
		Syn_1101_ValueVars_001
	11.2 Template variables	Sem_1102_TemplateVars_001
		Syn_1102_TemplateVars_001

15 Declaring templates	Top level	Syn_15_TopLevel_001
	15.1 Declaring message templates	Syn_1501_DeclaringMessageTemplates_001
		Syn_1501_DeclaringMessageTemplates_002
		Syn_1501_DeclaringMessageTemplates_003
		Syn_1501_DeclaringMessageTemplates_004
		Syn_1501_DeclaringMessageTemplates_005
	15.2 Declaring signature templates	Syn_1502_DeclaringSignatureTemplates_001
		Syn_1502_DeclaringSignatureTemplates_002
		Syn_1502_DeclaringSignatureTemplates_003
		Syn_1502_DeclaringSignatureTemplates_004
	15.3 Global and local templates	Sem_1503_GlobalAndLocalTemplates_001
		Sem_1503_GlobalAndLocalTemplates_002
		Syn_1503_GlobalAndLocalTemplates_001
		Syn_1503_GlobalAndLocalTemplates_002
		Syn_1503_GlobalAndLocalTemplates_003
		Syn_1503_GlobalAndLocalTemplates_004
		Syn_1503_GlobalAndLocalTemplates_005
		Syn_1503_GlobalAndLocalTemplates_006
	15.4 In-line templates	Syn_1504_InlineTemplates_001
		Syn_1504_InlineTemplates_002
		Syn_1504_InlineTemplates_003
	15.5 Modified templates	Sem_1505_ModifiedTemplates_001
		Sem_1505_ModifiedTemplates_002
		Sem_1505_ModifiedTemplates_003
		Sem_1505_ModifiedTemplates_004
		Syn_1505_ModifiedTemplates_001
		Syn_1505_ModifiedTemplates_002
		Syn_1505_ModifiedTemplates_003
	15.6.2 Referencing record and set fields	Sem_150602_ReferencingRecordAndSetFields_001
		Sem_150602_ReferencingRecordAndSetFields_002
	15.6.3 Referencing record of and set of elements	Sem_150603_ReferencingRecordOfAndSetElements_001
		Sem_150603_ReferencingRecordOfAndSetElements_002
		Sem_150603_ReferencingRecordOfAndSetElements_003
Sem_150603_ReferencingRecordOfAndSetElements_004		
Sem_150603_ReferencingRecordOfAndSetElements_005		
15.8 Template restrictions	Sem_1508_TemplateRestrictions_001	
	Sem_1508_TemplateRestrictions_002	
	Sem_1508_TemplateRestrictions_003	
	Sem_1508_TemplateRestrictions_004	
	Sem_1508_TemplateRestrictions_005	
	Sem_1508_TemplateRestrictions_006	
	Sem_1508_TemplateRestrictions_007	
	Sem_1508_TemplateRestrictions_008	
	Sem_1508_TemplateRestrictions_009	
	Sem_1508_TemplateRestrictions_010	
	Sem_1508_TemplateRestrictions_011	
	Sem_1508_TemplateRestrictions_012	
	Sem_1508_TemplateRestrictions_013	
	Sem_1508_TemplateRestrictions_014	
	Sem_1508_TemplateRestrictions_015	
	Sem_1508_TemplateRestrictions_016	
	Sem_1508_TemplateRestrictions_017	
	Sem_1508_TemplateRestrictions_018	
	Sem_1508_TemplateRestrictions_019	
	Sem_1508_TemplateRestrictions_020	
	Sem_1508_TemplateRestrictions_021	
	Sem_1508_TemplateRestrictions_022	

		Sem_1508_TemplateRestrictions_023
		Syn_1508_TemplateRestrictions_001
		Syn_1508_TemplateRestrictions_002
		Syn_1508_TemplateRestrictions_003
		Syn_1508_TemplateRestrictions_004
	15.9 Match operation	Sem_1509_MatchOperation_001
		Sem_1509_MatchOperation_002
		Sem_1509_MatchOperation_003
		Sem_1509_MatchOperation_004
		Sem_1509_MatchOperation_005
	15.10 Valueof operation	Sem_1510_ValueOfOperation_001
16 Functions, altsteps and testcases	16.1 Functions	Sem_1601_toplevel_001
		Sem_1601_toplevel_003
	16.1.1 Invoking functions	Sem_160101_invoking_functions_001
	16.1.2 Predefined functions	Sem_160102_predefined_functions_001
		Sem_160102_predefined_functions_002
		Sem_160102_predefined_functions_003
		Sem_160102_predefined_functions_004
		Sem_160102_predefined_functions_005
		Sem_160102_predefined_functions_006
		Sem_160102_predefined_functions_007
		Sem_160102_predefined_functions_008
		Sem_160102_predefined_functions_009
	16.1.3 External functions	Sem_160103_external_functions_001
Sem_160103_external_functions_002		
16.2 Altsteps	Sem_1602_toplevel_001	
16.2.1 Invoking altsteps	Sem_160201_invoking_altsteps_001	
	Sem_160201_invoking_altsteps_002	
16.3 Test cases	Syn_1603_testcases_001	
19 Basic program statements	19.1 Assignments	Sem_1901_assignments_001
	19.2 The if-else statement	Sem_1902_if_else_statement_001
		Sem_1902_if_else_statement_002
	19.3 The select case statement	Sem_1903_select_case_statement_001
		Sem_1903_select_case_statement_002
		Sem_1903_select_case_statement_003
		Sem_1903_select_case_statement_004
	19.4 The for statement	Sem_1904_for_statement_001
		Sem_1904_for_statement_002
		Sem_1904_for_statement_003
	19.5 The while statement	Sem_1905_while_statement_001
		Sem_1905_while_statement_002
		Sem_1905_while_statement_003
19.6 The do-while statement	Sem_1906_do_while_statement_001	
	Sem_1906_do_while_statement_002	
	Sem_1906_do_while_statement_003	
19.7 The label statement	Syn_1907_label_statement_001	
19.8 The goto statement	Sem_1908_goto_statement_001	
	Sem_1908_goto_statement_002	
	Sem_1908_goto_statement_003	
19.9 The stop execution statement	Sem_1909_stop_statement_001	
	Sem_1909_stop_statement_002	
19.10 The return statement	Sem_1910_return_statement_001	

	19.11 The log statement	Sem_1911_log_statement_001
		Sem_1911_log_statement_002
		Sem_1911_log_statement_003
		Sem_1911_log_statement_004
		Sem_1911_log_statement_005
	19.13 The continue statement	Sem_1913_continue_statement_001
20 Statement and operations for alternative behaviours	Top level	Syn_20_TopLevel_001
		Syn_20_TopLevel_002
		Syn_20_TopLevel_003
		Syn_20_TopLevel_004
		Syn_20_TopLevel_005
	20.2 The alt statement	Sem_2002_TheAltStatement_001
		Sem_2002_TheAltStatement_002
		Sem_2002_TheAltStatement_003
		Sem_2002_TheAltStatement_004
		Sem_2002_TheAltStatement_005
		Sem_2002_TheAltStatement_006
		Sem_2002_TheAltStatement_007
		Sem_2002_TheAltStatement_008
		Sem_2002_TheAltStatement_009
		Sem_2002_TheAltStatement_010
Sem_2002_TheAltStatement_011		
20.3 The repeat statement	Sem_2003_the_repeat_statement_001	
26 Module control	Top level	Syn_26_ModuleControl_001
		Syn_26_ModuleControl_002
		Syn_26_ModuleControl_003
		Syn_26_ModuleControl_004
		Syn_26_ModuleControl_005
		Syn_26_ModuleControl_006
		Syn_26_ModuleControl_007
		Syn_26_ModuleControl_008
		Syn_26_ModuleControl_009
		Syn_26_ModuleControl_010
		Syn_26_ModuleControl_011
		Syn_26_ModuleControl_012
		Syn_26_ModuleControl_013
		Syn_26_ModuleControl_014
		Syn_26_ModuleControl_015
		Syn_26_ModuleControl_016
		Syn_26_ModuleControl_017
	26.1 The execute statement	Sem_2601_ExecuteStatement_001
		Sem_2601_ExecuteStatement_002
		Sem_2601_ExecuteStatement_003
		Sem_2601_ExecuteStatement_004
		Sem_2601_ExecuteStatement_005
		Sem_2601_ExecuteStatement_006
		Sem_2601_ExecuteStatement_007
		Sem_2601_ExecuteStatement_008
26.2 The control part	Sem_2602_TheControlPart_001	
	Sem_2602_TheControlPart_002	
	Sem_2602_TheControlPart_003	

B Matching incoming values	B.1.1 Matching specific values	Sem_B0101_matching_specific_value_001
		Sem_B0101_matching_specific_value_002
		Sem_B0101_matching_specific_value_003
		Sem_B0101_matching_specific_value_004
		Sem_B0101_matching_specific_value_005
		Sem_B0101_matching_specific_value_006
		Sem_B0101_matching_specific_value_007
		Sem_B0101_matching_specific_value_008
		Sem_B0101_matching_specific_value_009
		Sem_B0101_matching_specific_value_010
		Sem_B0101_matching_specific_value_011
	B.1.2.1 Value list	Sem_B010201_value_list_001
	B.1.2.2 Complemented value list	Sem_B010202_complemented_value_list_001
		Sem_B010202_complemented_value_list_002
		Sem_B010202_complemented_value_list_003
		Sem_B010202_complemented_value_list_004
		Sem_B010202_complemented_value_list_005
		Sem_B010202_complemented_value_list_006
	B.1.2.3 Any value	Sem_B010203_any_value_001
		Sem_B010203_any_value_002
	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
		Sem_B010205_value_range_002
		Sem_B010205_value_range_003
		Sem_B010205_value_range_004
		Sem_B010205_value_range_005
		Sem_B010205_value_range_006
	B.1.2.6 SuperSet	Sem_B010206_superset_001
		Sem_B010206_superset_002
		Sem_B010206_superset_003
	B.1.2.7 SubSet	Sem_B010207_subset_001
		Sem_B010207_subset_002
		Sem_B010207_subset_003
B.1.3.1 Any element	Sem_B010301_any_element_001	
	Sem_B010301_any_element_002	
	Sem_B010301_any_element_003	
	Sem_B010301_any_element_004	
	Sem_B010301_any_element_005	
	Sem_B010301_any_element_006	
	Sem_B010301_any_element_007	
	Sem_B010301_any_element_008	
B.1.3.2 Any number of elements or none of element	Sem_B010302_any_number_of_elements_or_none_001	
	Sem_B010302_any_number_of_elements_or_none_002	
	Sem_B010302_any_number_of_elements_or_none_003	
B.1.3.3 Permutation	Sem_B010303_permutation_001	
	Sem_B010303_permutation_002	
	Sem_B010303_permutation_003	
	Sem_B010303_permutation_004	
	Sem_B010303_permutation_005	
B.1.4.1 Length restrictions	Sem_B010401_length_restrictions_001	
	Sem_B010401_length_restrictions_002	
B.1.4.2 The ifpresent indicator	Sem_B010402_ifPresent_indicator_001	
	Sem_B010402_ifPresent_indicator_002	
B.1.5.1 Set expression	Sem_B010501_set_expression_001	
	Sem_B010501_set_expression_002	
	Sem_B010501_set_expression_003	
	Sem_B010501_set_expression_004	
	Sem_B010501_set_expression_005	
B.1.5.2 Reference expression	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

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 Parameterization	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		

	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	NegSyn_0602_TopLevel_001 NegSyn_0602_TopLevel_002 NegSyn_0602_TopLevel_003 NegSyn_0602_TopLevel_004 NegSyn_0602_TopLevel_005
	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_007 NegSem_060302_structured_types_008 NegSem_060302_structured_types_009 NegSem_060302_structured_types_010 NegSem_060302_structured_types_011
	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
8 Modules	8.1 Definition of a module	NegSyn_0801_DefinitionOfAModule_001
	8.2.3.3 Importing groups	NegSem_08020303_ImportingGroups_001
	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
10 Declaring constants	Top level	NegSem_10_Constants_001

11 Declaring variables	11.1 Value variables	NegSem_1101_ValueVars_001
		NegSyn_1101_ValueVars_001
	11.2 Template variables	NegSem_1102_TemplateVars_001
		NegSyn_1102_TemplateVars_001
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
	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
	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
NegSem_1508_TemplateRestrictions_027		
NegSem_1508_TemplateRestrictions_028		
NegSem_1508_TemplateRestrictions_029		
NegSem_1508_TemplateRestrictions_030		
NegSem_1508_TemplateRestrictions_031		
NegSem_1508_TemplateRestrictions_032		
NegSem_1508_TemplateRestrictions_033		
NegSem_1508_TemplateRestrictions_034		
NegSem_1508_TemplateRestrictions_035		
NegSem_1508_TemplateRestrictions_036		

		NegSem_1508_TemplateRestrictions_037	
		NegSem_1508_TemplateRestrictions_038	
		NegSem_1508_TemplateRestrictions_039	
	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	
16 Functions, altsteps and testcases	16.1 Functions	NegSem_1601_toplevel_001	
		NegSem_1601_toplevel_002	
		NegSem_1601_toplevel_003	
		NegSem_1601_toplevel_004	
	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	
		16.1.3 External functions	NegSem_160103_external_functions_001
			NegSem_160103_external_functions_002
	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
26 Module control	26.1 The execute statement	NegSem_2601_ExecuteStatement_001
		NegSem_2601_ExecuteStatement_002
	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		

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	

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_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 Parameterization

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	

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_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 <u>a</u> _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	

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	

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	

A.2.26 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_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.2.27 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_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	

A.2.28 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.2.29 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.2.30 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.2.31 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	

A.2.32 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	

A.2.33 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 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.2.34 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.2.35 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.2.36 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.2.37 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.2.38 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_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.2.39 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.2.40 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.2.41 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.2.42 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	

A.2.43 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.2.44 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.2.45 Importing definitions of the same kind

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	

A.2.46 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.2.47 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	

A.2.48 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.2.49 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.2.50 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.2.51 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.2.52 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 stateents 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.2.53 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.2.54 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_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	

A.2.55 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_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	

A.2.56 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.2.57 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.2.58 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	

A.2.59 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_002
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 without execution
Notes	

Test Purpose Id	TP_Syn_1503_GlobalAndLocalTemplates_003
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 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_Syn_1503_GlobalAndLocalTemplates_007
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 without execution
Notes	

Test Purpose Id	TP_Syn_1503_GlobalAndLocalTemplates_008
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 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	

A.2.60 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.2.61 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.2.62 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.2.63 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_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.2.64 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	

A.2.65 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_Sem_1508_TemplateRestrictions_016
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a base template can be modified with template(present) restriction
Expected Output	The TTCN-3 module 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_017
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a base template can be modified with template(omit) restriction
Expected Output	The TTCN-3 module 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_018
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a base template can be modified with template(value) restriction
Expected Output	The TTCN-3 module 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_019
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(present) base template can be modified with template(present) restriction
Expected Output	The TTCN-3 module 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_020
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(present) base template can be modified with template(value) restriction
Expected Output	The TTCN-3 module 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_021
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(omit) base template can be modified with template(omit) restriction
Expected Output	The TTCN-3 module 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_022
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(omit) base template can be modified with template(value) restriction
Expected Output	The TTCN-3 module 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_023
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(value) base template can be modified with template(value) restriction
Expected Output	The TTCN-3 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 anyelemenornone 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	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_027
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(present) base templates are not allowed to be modified to template(omit)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_028
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) base templates are not allowed to be modified to template(present)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_029
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) base templates are not allowed to be modified to template(present)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_030
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) base templates are not allowed to be modified to template(omit)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_031
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) base templates are not allowed to be modified to 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_032
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) base templates are not allowed to be modified to 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_033
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(present) base templates are not allowed to be modified to 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_034
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that the restrictiveness of parameters template(value)->template(present) is handled correctly
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_035
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that the restrictiveness of parameters template(value)->template(omit) is handled correctly
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_036
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that the restrictiveness of parameters template(value)->template is handled correctly
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_037
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that the restrictiveness of parameters template(omit)->template(present) is handled correctly
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_038
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that the restrictiveness of parameters template(omit)->template(present) is handled correctly
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_039
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that the restrictiveness of parameters template(omit)->template(present) is handled correctly
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

A.2.66 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.2.67 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 value of 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 value of 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 value of 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 value of function works correctly on range templates
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

A.2.68 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	

A.2.69 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.2.70 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_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	

A.2.71 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	Ensure that the IUT recognizes external functions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

A.2.72 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.2.73 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.2.74 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_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.2.75 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.2.76 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.2.77 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.2.78 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.2.79 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.2.80 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.2.81 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.2.82 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.2.83 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.2.84 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.2.85 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_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.2.86 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.2.87 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.2.88 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.2.89 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	

A.2.90 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.2.91 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.2.92 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 pass 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 pass 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	

A.2.93 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 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_003
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the create alive 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_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	

A.2.94 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.2.95 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.2.96 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.2.97 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.2.98 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.2.99 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_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.2.100 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.2.101 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.2.102 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.2.103 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.2.104 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_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.2.105 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.2.106 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.2.107 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.2.108 Reference expression

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.2.109 Match expression n 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.2.110 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_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	

History

Document history		
V1.1.1	April 2011	Publication