

**Telecommunications and Internet Protocol
Harmonization Over Networks (TIPHON);
Protocol Implementation Conformance
Statement (PICS) proforma specification
for Open Settlement Protocol (OSP)**



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Foreword

This Technical Specification (TS) has been produced by ETSI Project Telecommunications and Internet Protocol Harmonization Over Networks (TIPHON).

Introduction

To evaluate conformance of a particular implementation, it is necessary to have a statement of which capabilities and options have been implemented for a telecommunication specification. Such a statement is called an Implementation Conformance Statement (ICS).

1 Scope

The present document provides the Protocol Implementation Conformance Statement (PICS) proforma for the Inter-domain pricing, authorization and usage exchange defined in TS 101 321 [4] in compliance with the relevant requirements, and in accordance with the relevant guidance given in ISO/IEC 9646-7 [3] and ETS 300 406 [1].

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

- [1] ETS 300 406 (1995): "Methods for testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".
 - [2] ISO/IEC 9646-1: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 1: General concepts".
 - [3] ISO/IEC 9646-7: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".
 - [4] TS 101 321 (V1.4): "Telecommunications and Internet Protocol Harmonization Over Networks (TIPHON); Inter-domain pricing, authorization and usage exchange".
-

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply:

- terms defined in TS 101 321 [4];
- terms defined in ISO/IEC 9646-1 [2] and in ISO/IEC 9646-7 [3].

In particular, the following terms defined in ISO/IEC 9646-1 [2] apply:

Implementation Conformance Statement (ICS): statement made by the supplier of an implementation or system claimed to conform to a given specification, stating which capabilities have been implemented. The ICS can take several forms: protocol ICS, profile ICS, profile specific ICS, information object ICS, etc.

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

Protocol ICS (PICS): ICS for an implementation or system claimed to conform to a given protocol specification

3.2 Abbreviations

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

HTTP	Hyper Text Transfer Protocol
ICS	Implementation Conformance Statement
IUT	Implementation Under Test
OSP	Open Settlement Protocol
PICS	Protocol ICS
SCS	System Conformance Statement
SSL	Secure Socket Layer
SUT	System Under Test
TLS	Transport Layer Security

4 Conformance to this PICS proforma specification

If it claims to conform to TS 101 321 [4], the actual PICS proforma to be filled in by a supplier shall be technically equivalent to the text of the PICS proforma given in annex A, and shall preserve the numbering/naming and ordering of the proforma items.

A PICS which conforms to TS 101 321 [4] shall be a conforming PICS proforma completed in accordance with the guidance for completion given in clause A.1.

Annex A (normative): PICS proforma for TS 101 321

Notwithstanding the provisions of the copyright clause related to the text of the present document, ETSI grants that users of the present document may freely reproduce the PICS proforma in this annex so that it can be used for its intended purposes and may further publish the completed PICS.

A.1 Guidance for completing the PICS proforma

A.1.1 Purposes and structure

The purpose of this PICS proforma is to provide a mechanism whereby a supplier of an implementation of the requirements defined in ETSI Technical Specification TS 101 321 [4] may provide information about the implementation in a standardized manner.

The PICS proforma is subdivided into subclauses for the following categories of information:

- guidance for completing the PICS proforma;
- identification of the implementation;
- identification of the protocol;
- global statement of conformance;
- roles;
- major capabilities;
- subsidiary capabilities;
- operations;
- arguments, results and errors;
- timers.

A.1.2 Abbreviations and conventions

The PICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7 [3].

Item column

The item column contains a number which identifies the item in the table.

Item description column

The item description column describes in free text each respective item (e.g. parameters, timers, etc.). It implicitly means "is <item description> supported by the implementation?".

Status column

The following notations, defined in ISO/IEC 9646-7 [3] , are used for the status column:

m	mandatory - the capability is required to be supported;
o	optional - the capability may be supported or not;
n/a	not applicable - in the given context, it is impossible to use the capability;
x	prohibited (excluded) - there is a requirement not to use this capability in the given context;
o.i	qualified optional - for mutually exclusive or selectable options from a set. "i" is an integer which identifies a unique group of related optional items and the logic of their selection which is defined immediately following the table;
ci	conditional - the requirement on the capability ("m", "o", "x" or "n/a") depends on the support of other optional or conditional items. "i" is an integer identifying a unique conditional status expression which is defined immediately following the table;
i	irrelevant (out-of-scope) - capability outside the scope of the reference specification. No answer is requested from the supplier.

Reference column

The reference column makes reference to TS 101 321 [4], except where explicitly stated otherwise.

Support column

The support column shall be filled in by the supplier of the implementation. The following common notations, defined in ISO/IEC 9646-7 [3] , are used for the support column:

Y or y	supported by the implementation;
N or n	not supported by the implementation;
N/A, n/a or -	no answer required (allowed only if the status is n/a, directly or after evaluation of a conditional status).

If this PICS proforma is completed in order to describe a multiple-profile support in a system, it is necessary to be able to answer that a capability is supported for one profile and not supported for another. In that case, the supplier shall enter the unique reference to a conditional expression, preceded by "?" (e.g. ?3). This expression shall be given in the space for comments provided at the bottom of the table. It uses predicates defined in the SCS, each of which refers to a single profile and which takes the value TRUE if and only if that profile is to be used.

EXAMPLE: ?3: IF prof1 THEN Y ELSE N.

It is also possible to provide a comment to an answer in the space provided at the bottom of the table.

NOTE: As stated in ISO/IEC 9646-7 [3] , support for a received PDU requires the ability to parse all valid parameters of that PDU. Supporting a PDU while having no ability to parse a valid parameter is non-conformant. Support for a parameter on a PDU means that the semantics of that parameter are supported.

Values allowed column

The values allowed column contains the type, the list, the range, or the length of values allowed. The following notations are used:

- range of values: <min value> .. <max value>:
- example: 5 .. 20.
- list of values: <value1>, <value2>,, <valueN>:
- example: 2 ,4 ,6 ,8, 9;

example: '1101'B, '1011'B, '1111'B;

example: '0A'H, '34'H, '2F'H.

- list of named values: <name1>(<val1>), <name2>(<val2>),, <nameN>(<valN>):
- example: reject(1), accept(2).
- length: size (<min size> .. <max size>):
- example: size (1 .. 8).

Values supported column

The values supported column shall be filled in by the supplier of the implementation. In this column, the values or the ranges of values supported by the implementation shall be indicated.

References to items

For each possible item answer (answer in the support column) within the PICS proforma a unique reference exists, used, for example, in the conditional expressions. It is defined as the table identifier, followed by a solidus character "/", followed by the item number in the table. If there is more than one support column in a table, the columns are discriminated by letters (a, b, etc.), respectively.

EXAMPLE 1: A.5/4 is the reference to the answer of item 4 in table 5 of annex A.

EXAMPLE 2: A.6/3b is the reference to the second answer (i.e. in the second support column) of item 3 in table 6 of annex A.

Prerequisite line

A prerequisite line takes the form: Prerequisite: <predicate>.

A prerequisite line after a clause or table title indicates that the whole clause or the whole table is not required to be completed if the predicate is FALSE.

A.1.3 Instructions for completing the PICS proforma

The supplier of the implementation shall complete the PICS proforma in each of the spaces provided. In particular, an explicit answer shall be entered, in each of the support or supported column boxes provided, using the notation described in subclause A.1.2.

If necessary, the supplier may provide additional comments in space at the bottom of the tables, or separately on sheets of paper.

More detailed instructions are given at the beginning of the different subclauses of the PICS proforma.

A.2 Identification of the implementation

Identification of the Implementation Under Test (IUT) and the system in which it resides (the System Under Test (SUT)) should be filled in so as to provide as much detail as possible regarding version numbers and configuration options.

The product supplier information and client information should both be filled in if they are different.

A person who can answer queries regarding information supplied in the PICS should be named as the contact person.

A.2.1 Date of the statement

.....

A.2.2 Implementation Under Test (IUT) identification

IUT name:

.....
.....

IUT version:

.....

A.2.3 System Under Test (SUT) identification

SUT name:

.....
.....

Hardware configuration:

.....
.....
.....

Operating system:

.....

A.2.4 Product supplier

Name:

.....

Address:

.....
.....
.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

.....
.....
.....

A.2.5 Client (if different from product supplier)

Name:

.....

Address:

.....
.....
.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

.....

A.2.6 PICS contact person

(A person to contact if there are any queries concerning the content of the PICS)

Name:

.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

.....
.....
.....

A.3 PICS/System Conformance Statement (SCS)

Provide the relationship of the PICS with the SCS for the system:

.....

.....

.....

A.4 Identification of the protocol

The PICS proforma applies to the following standard.

TS 101 321 (V1.4): "Telecommunications and Internet Protocol Harmonization Over Networks (TIPHON); Inter-domain pricing, authorization and usage exchange".

A.5 Global Statement of Conformance

Are all mandatory capabilities implemented? (Yes/No).

NOTE: Answering "No" to this question indicates non-conformance to the protocol specification. Non-supported mandatory capabilities are to be identified in the PICS, with an explanation of why the implementation is non-conforming, on pages attached to the PICS proforma.

A.6 Roles

Table A.1: Roles

Item	Role	Reference	Status	Support Y N n/a
R 1	OSP Client		o.1	
R 2	OSP Server		o.1	
o.1: Support of at least one of these options is required				
Comments:				

A.7 Secure Socket Layer / Transport Layer Security Capabilities

Table A.2: SSL/TLS Capabilities

Item	Capability	Reference	Status	Support Y N n/a
S 1	SSL version 3.0	5.1.1	m	
S 2	TLS version 1.0	5.1.1	o	
S 3	SSL/TLS client authentication	5.1.3	o	
S 4	SSL Session Re-use	SSL 7.1	o	
S 5	Server Gated Cryptography / International Step-Up	note	o	
S 6	Supported SSL CipherSuites	5.1.4		
S 6.1	SSL_NULL_WITH_NULL_NULL	SSL Appendix C	o	
S 6.2	SSL_RSA_WITH_NULL_MD5	SSL Appendix C	o	
S 6.3	SSL_RSA_WITH_NULL_SHA	SSL Appendix C	o	
S 6.4	SSL_RSA_EXPORT_WITH_RC4_40_ MD5	SSL Appendix C	o	
S 6.5	SSL_RSA_WITH_RC4_128_MD5	SSL Appendix C	o	
S 6.6	SSL_RSA_WITH_RC4_128_SHA	SSL Appendix C	o	
S 6.7	SSL_RSA_EXPORT_WITH_RC2_CBC _40_MD5	SSL Appendix C	o	
S 6.8	SSL_RSA_WITH_IDEA_CBC_SHA	SSL Appendix C	o	
S 6.9	SSL_RSA_EXPORT_WITH_DES40_C BC_SHA	SSL Appendix C	o	
S 6.10	SSL_RSA_WITH_DES_CBC_SHA	SSL Appendix C	o	
S 6.11	SSL_RSA_WITH_3DES_EDE_CBC_S HA	SSL Appendix C	o	
S 6.12	SSL_DH_DSS_EXPORT_WITH_DES4 0_CBC_SHA	SSL Appendix C	o	
S 6.13	SSL_DH_DSS_WITH_DES_CBC_SHA	SSL Appendix C	o	
S 6.14	SSL_DH_DSS_WITH_3DES_EDE_CB C_SHA	SSL Appendix C	o	
S 6.15	SSL_DH_RSA_EXPORT_WITH_DES4 0_CBC_SHA	SSL Appendix C	o	
S 6.16	SSL_DH_RSA_WITH_DES_CBC_SHA	SSL Appendix C	o	
S 6.17	SSL_DH_RSA_WITH_3DES_EDE_CB C_SHA	SSL Appendix C	o	
S 6.18	SSL_DHE_DSS_EXPORT_WITH_DES 40_CBC_SHA	SSL Appendix C	o	
S 6.19	SSL_DHE_DSS_WITH_DES_CBC_SH A	SSL Appendix C	o	
S 6.20	SSL_DHE_DSS_WITH_3DES_EDE_C BC_SHA	SSL Appendix C	o	
S 6.21	SSL_DHE_RSA_EXPORT_WITH_DES 40_CBC_SHA	SSL Appendix C	o	
S 6.22	SSL_DHE_RSA_WITH_DES_CBC_SH A	SSL Appendix C	o	
S 6.23	SSL_DHE_RSA_WITH_3DES_EDE_C BC_SHA	SSL Appendix C	o	
S 6.24	SSL_DH_anon_EXPORT_WITH_RC4_ 40_MD5	SSL Appendix C	o	
S 6.25	SSL_DH_anon_WITH_RC4_128_MD5	SSL Appendix C	o	
S 6.26	SSL_DH_anon_EXPORT_WITH_DES4 0_CBC_SHA	SSL Appendix C	o	
S 6.27	SSL_DH_anon_WITH_DES_CBC_SHA	SSL Appendix C	o	
S 6.28	SSL_DH_anon_WITH_3DES_EDE_CB C_SHA	SSL Appendix C	o	
S 6.29	SSL_FORTEZZA_DMS_WITH_NULL_ SHA	SSL Appendix C	o	
S 6.30	SSL_FORTEZZA_DMS_WITH_FORTE ZZA_CBC_SHA	SSL Appendix C	o	
S 7	Supported TLS CipherSuites	5.1.4		

Item	Capability	Reference	Status	Support Y N n/a
S 7.1	TLS_NULL_WITH_NULL_NULL	TLS Section C	S 7: o	
S 7.2	TLS_RSA_WITH_NULL_MD5	TLS Section C	S 7: o	
S 7.3	TLS_RSA_WITH_NULL_SHA	TLS Section C	S 7: o	
S 7.4	TLS_RSA_EXPORT_WITH_RC4_40_MD5	TLS Section C	S 7: o	
S 7.5	TLS_RSA_WITH_RC4_128_MD5	TLS Section C	S 7: o	
S 7.6	TLS_RSA_WITH_RC4_128_SHA	TLS Section C	S 7: o	
S 7.7	TLS_RSA_EXPORT_WITH_RC2_CBC_40_MD5	TLS Section C	S 7: o	
S 7.8	TLS_RSA_WITH_IDEA_CBC_SHA	TLS Section C	S 7: o	
S 7.9	TLS_RSA_EXPORT_WITH_DES40_CBC_SHA	TLS Section C	S 7: o	
S 7.10	TLS_RSA_WITH_DES_CBC_SHA	TLS Section C	S 7: o	
S 7.11	TLS_RSA_WITH_3DES_EDE_CBC_SHA	TLS Section C	S 7: o	
S 7.12	TLS_DH_DSS_EXPORT_WITH_DES40_CBC_SHA	TLS Section C	S 7: o	
S 7.13	TLS_DH_DSS_WITH_DES_CBC_SHA	TLS Section C	S 7: o	
S 7.14	TLS_DH_DSS_WITH_3DES_EDE_CBC_SHA	TLS Section C	S 7: o	
S 7.15	TLS_DH_RSA_EXPORT_WITH_DES40_CBC_SHA	TLS Section C	S 7: o	
S 7.16	TLS_DH_RSA_WITH_DES_CBC_SHA	TLS Section C	S 7: o	
S 7.17	TLS_DH_RSA_WITH_3DES_EDE_CBC_SHA	TLS Section C	S 7: o	
S 7.18	TLS_DHE_DSS_EXPORT_WITH_DES40_CBC_SHA	TLS Section C	S 7: o	
S 7.19	TLS_DHE_DSS_WITH_DES_CBC_SHA	TLS Section C	S 7: o	
S 7.20	TLS_DHE_DSS_WITH_3DES_EDE_CBC_SHA	TLS Section C	S 7: o	
S 7.21	TLS_DHE_RSA_EXPORT_WITH_DES40_CBC_SHA	TLS Section C	S 7: o	
S 7.22	TLS_DHE_RSA_WITH_DES_CBC_SHA	TLS Section C	S 7: o	
S 7.23	TLS_DHE_RSA_WITH_3DES_EDE_CBC_SHA	TLS Section C	S 7: o	
S 7.24	TLS_DH_anon_EXPORT_WITH_RC4_40_MD5	TLS Section C	S 7: o	
S 7.25	TLS_DH_anon_WITH_RC4_128_MD5	TLS Section C	S 7: o	
S 7.26	TLS_DH_anon_EXPORT_WITH_DES40_CBC_SHA	TLS Section C	S 7: o	
S 7.27	TLS_DH_anon_WITH_DES_CBC_SHA	TLS Section C	S 7: o	
S 7.28	TLS_DH_anon_WITH_3DES_EDE_CBC_SHA	TLS Section C	S 7: o	
NOTE:	See http://www.microsoft.com/SECURITY/tech/sgc/default.asp or http://developer.netscape.com/tech/security/stepup/datasheet.html			
Comments:				

A.8 Hypertext Transfer Protocol Capabilities

Table A.3: HTTP Capabilities

Item	Capability	Reference	Status	Support Y N n/a	Values allowed	Values supported
H 1	HTTP version 1.0	5.2.1	m			
H 2	HTTP version 1.1	5.2.1	o			
H 2.1	fallback to version 1.0	5.2.1	H 2: m			
H 2.2	persistence connections	HTTP 1.1 8.1	H 2: o			
H 3	TCP ports	5.2.3				
H 3.1	Client TCP port value(s)	5.2.3	m		0 .. 65535	
H 3.2	Server TCP port value(s)	5.2.3	m		0 .. 65535	
H 4	HTTP methods	5.2.4				
H 4.1	Client messages as POST	5.2.4	m			
H 4.2	Server messages as response	5.2.4	m			
H 5	Uniform Resource Identifier	5.2.5	m			
H 6	HTTP 1.0 headers	5.2.6				
H 6.1	POST headers	5.2.6				
H 6.1.1	request-line	5.2.6	m			
H 6.1.2	authorization	HTTP1.0 10.2	o			
H 6.1.3	from	HTTP1.0 10.8	o			
H 6.1.4	if-modified-since	HTTP1.0 10.9	o			
H 6.1.5	referer	HTTP1.0 10.13	o			
H 6.1.6	user-agent	HTTP1.0 10.15	o			
H 6.1.7	allow	HTTP1.0 10.1	o			
H 6.1.8	content-encoding	HTTP1.0 10.3	o			
H 6.1.9	content-length	HTTP1.0 10.4	o			
H 6.1.10	content-type	HTTP1.0 10.5	o			
H 6.1.11	expires	HTTP1.0 10.7	o			
H 6.1.12	last-modified	HTTP1.0 10.10	o			
H 6.2	Response headers	5.2.6				
H 6.2.1	status-line	5.2.6	m			
H 6.2.2	location	HTTP1.0 10.11	o			
H 6.2.3	server	HTTP1.0 10.14	o			
H 6.2.4	www-authenticate	HTTP1.0 10.16	o			
H 6.2.5	allow	HTTP1.0 10.1	o			
H 6.2.6	content-encoding	HTTP1.0 10.3	o			
H 6.2.7	content-length	HTTP1.0 10.4	o			
H 6.2.8	content-type	HTTP1.0 10.5	o			
H 6.2.9	expires	HTTP1.0 10.7	o			
H 6.2.10	last-modified	HTTP1.0 10.10	o			
H 7	HTTP 1.1 headers	5.2.6				
H 7.1	POST headers	5.2.6				
H 7.1.1	Request-Line	5.2.6	H 2: m			
H 7.1.2	Accept	HTTP 1.1 14.1	H 2: o			
H 7.1.3	Accept-Charset	HTTP 1.1 14.2	H 2: o			
H 7.1.4	Accept-Encoding	HTTP 1.1 14.3	H 2: o			
H 7.1.5	Accept-Language	HTTP 1.1 14.4	H 2: o			
H 7.1.6	Authorization	HTTP 1.1 14.8	H 2: o			
H 7.1.7	From	HTTP 1.1 14.22	H 2: o			
H 7.1.8	Host	HTTP 1.1 14.23	H 2: o			
H 7.1.9	If-Modified-Since	HTTP 1.1 14.24	H 2: o			
H 7.1.10	If-Match	HTTP 1.1 14.25	H 2: o			
H 7.1.11	If-None-Match	HTTP 1.1 14.26	H 2: o			
H 7.1.12	If-Range	HTTP 1.1 14.27	H 2: o			

Item	Capability	Reference	Status	Support Y N n/a	Values allowed	Values supported
H 7.1.13	If-Unmodified-Since	HTTP 1.1 14.28	H 2: o			
H 7.1.14	Max-Forwards	HTTP 1.1 14.31	H 2: o			
H 7.1.15	Proxy- Authorization	HTTP 1.1 14.34	H 2: o			
H 7.1.16	Range	HTTP 1.1 14.36	H 2: o			
H 7.1.17	Referer	HTTP 1.1 14.37	H 2: o			
H 7.1.18	User-Agent	HTTP 1.1 14.42	H 2: o			
H 7.1.19	Allow	HTTP 1.1 14.7	H 2: o			
H 7.1.20	Content-Base	HTTP 1.1 14.11	H 2: o			
H 7.1.21	Content-Encoding	HTTP 1.1 14.12	H 2: o			
H 7.1.22	Content- Language	HTTP 1.1 14.13	H 2: o			
H 7.1.23	Content-Length	HTTP 1.1 14.14	H 2: o			
H 7.1.24	Content-Location	HTTP 1.1 14.15	H 2: o			
H 7.1.25	Content-MD5	HTTP 1.1 14.16	H 2: o			
H 7.1.26	Content-Range	HTTP 1.1 14.17	H 2: o			
H 7.1.27	Content-Type	HTTP 1.1 14.18	H 2: o			
H 7.1.28	ETag	HTTP 1.1 14.20	H 2: o			
H 7.1.29	Expires	HTTP 1.1 14.21	H 2: o			
H 7.1.30	Last-Modified	HTTP 1.1 14.29	H 2: o			
H 7.2	Response headers	5.2.6				
H 7.2.1	Age	HTTP 1.1 14.6	H 2: o			
H 7.2.2	Location	HTTP 1.1 14.30	H 2: o			
H 7.2.3	Proxy- Authenticate	HTTP 1.1 14.33	H 2: o			
H 7.2.4	Public	HTTP 1.1 14.35	H 2: o			
H 7.2.5	Retry-After	HTTP 1.1 14.38	H 2: o			
H 7.2.6	Server	HTTP 1.1 14.39	H 2: o			
H 7.2.7	Vary	HTTP 1.1 14.43	H 2: o			
H 7.2.8	Warning	HTTP 1.1 14.45	H 2: o			
H 7.2.9	WWW- Authenticate	HTTP 1.1 14.46	H 2: o			
H 7.2.10	Allow	HTTP 1.1 14.7	H 2: o			
H 7.2.11	Content-Base	HTTP 1.1 14.11	H 2: o			
H 7.2.12	Content-Encoding	HTTP 1.1 14.12	H 2: o			
H 7.2.13	Content- Language	HTTP 1.1 14.13	H 2: o			
H 7.2.14	Content-Length	HTTP 1.1 14.14	H 2: o			
H 7.2.15	Content-Location	HTTP 1.1 14.15	H 2: o			
H 7.2.16	Content-MD5	HTTP 1.1 14.16	H 2: o			
H 7.2.17	Content-Range	HTTP 1.1 14.17	H 2: o			
H 7.2.18	Content-Type	HTTP 1.1 14.18	H 2: o			
H 7.2.19	ETag	HTTP 1.1 14.20	H 2: o			
H 7.2.20	Expires	HTTP 1.1 14.21	H 2: o			
H 7.2.30	Last-Modified	HTTP 1.1 14.29	H 2: o			
H 8	HTTP 1.0 status codes	5.2.6				
H 8.1	200 OK	HTTP 1.0 9.2	R 2: m			
H 8.2	201 Created	HTTP 1.0 9.2	R 2: o			
H 8.3	202 Accepted	HTTP 1.0 9.2	R 2: o			
H 8.4	204 No Content	HTTP 1.0 9.2	R 2: o			
H 8.5	300 Multiple Choices	HTTP 1.0 9.3	R 2: o			
H 8.6	301 Moved Permanently	HTTP 1.0 9.3	R 2: o			
H 8.7	302 Moved Temporarily	HTTP 1.0 9.3	R 2: o			
H 8.8	304 Not Modified	HTTP 1.0 9.3	R 2: o			
H 8.9	400 Bad Request	HTTP 1.0 9.4	R 2: o			
H 8.10	401 Unauthorized	HTTP 1.0 9.4	R 2: o			
H 8.11	403 Forbidden	HTTP 1.0 9.4	R 2: o			

Item	Capability	Reference	Status	Support Y N n/a	Values allowed	Values supported
H 8.12	404 Not Found	HTTP 1.0 9.4	R 2: o			
H 8.13	500 Internal Server Error	HTTP 1.0 9.5	R 2: o			
H 8.14	501 Not Implemented	HTTP 1.0 9.5	R 2: o			
H 8.15	502 Bad Gateway	HTTP 1.0 9.5	R 2: o			
H 8.16	503 Service Unavailable	HTTP 1.0 9.5	R 2: o			
H 9	HTTP 1.1 status codes	5.2.6				
H 9.1	100 Continue	HTTP 1.1 10.1.1	H 2, R 2: o			
H 9.2	101 Switching Protocols	HTTP 1.1 10.1.2	H 2, R 2: o			
H 9.3	200 OK	HTTP 1.1 10.2.1	H 2, R 2: o			
H 9.4	201 Created	HTTP 1.1 10.2.2	H 2, R 2: o			
H 9.5	202 Accepted	HTTP 1.1 10.2.3	H 2, R 2: o			
H 9.6	203 Non-Authoritative Information	HTTP 1.1 10.2.4	H 2, R 2: o			
H 9.7	204 No Content	HTTP 1.1 10.2.5	H 2, R 2: o			
H 9.8	205 Reset Content	HTTP 1.1 10.2.6	H 2, R 2: o			
H 9.9	206 Partial Content	HTTP 1.1 10.2.7	H 2, R 2: o			
H 9.10	300 Multiple Choices	HTTP 1.1 10.3.1	H 2, R 2: o			
H 9.11	301 Moved Permanently	HTTP 1.1 10.3.2	H 2, R 2: o			
H 9.12	302 Moved Temporarily	HTTP 1.1 10.3.3	H 2, R 2: o			
H 9.13	303 See Other	HTTP 1.1 10.3.4	H 2, R 2: o			
H 9.14	304 Not Modified	HTTP 1.1 10.3.5	H 2, R 2: o			
H 9.15	305 Use Proxy	HTTP 1.1 10.3.6	H 2, R 2: o			
H 9.16	400 Bad Request	HTTP 1.1 10.4.1	H 2, R 2: o			
H 9.17	401 Unauthorized	HTTP 1.1 10.4.2	H 2, R 2: o			
H 9.18	402 Payment Required	HTTP 1.1 10.4.3	H 2, R 2: o			
H 9.19	403 Forbidden	HTTP 1.1 10.4.4	H 2, R 2: o			
H 9.20	404 Not Found	HTTP 1.1 10.4.5	H 2, R 2: o			
H 9.21	405 Method Not Allowed	HTTP 1.1 10.4.6	H 2, R 2: o			
H 9.22	406 Not Acceptable	HTTP 1.1 10.4.7	H 2, R 2: o			
H 9.23	407 Proxy Authentication Required	HTTP 1.1 10.4.8	H 2, R 2: o			
H 9.24	408 Request Timeout	HTTP 1.1 10.4.9	H 2, R 2: o			
H 9.25	409 Conflict	HTTP 1.1 10.4.10	H 2, R 2: o			
H 9.26	410 Gone	HTTP 1.1 10.4.11	H 2, R 2: o			

Item	Capability	Reference	Status	Support Y N n/a	Values allowed	Values supported
H 9.27	411 Length Required	HTTP 1.1 10.4.12	H 2, R 2: o			
H 9.28	412 Precondition Failed	HTTP 1.1 10.4.13	H 2, R 2: o			
H 9.29	413 Request Entity Too Large	HTTP 1.1 10.4.14	H 2, R 2: o			
H 9.30	414 Request-URI Too Long	HTTP 1.1 10.4.15	H 2, R 2: o			
H 9.31	415 Unsupported Media Type	HTTP 1.1 10.4.16	H 2, R 2: o			
H 9.32	500 Internal Server Error	HTTP 1.1 10.5.1	H 2, R 2: o			
H 9.33	501 Not Implemented	HTTP 1.1 10.5.2	H 2, R 2: o			
H 9.34	502 Bad Gateway	HTTP 1.1 10.5.3	H 2, R 2: o			
H 9.35	503 Service Unavailable	HTTP 1.1 10.5.4	H 2, R 2: o			
H 9.36	504 Gateway Timeout	HTTP 1.1 10.5.5	H 2, R 2: o			
H 9.37	505 HTTP Version Not Supported	HTTP 1.1 10.5.6	H 2, R 2: o			
Comments:						

A.9 Multipurpose Internet Mail Extensions Capabilities

Table A.4: MIME Capabilities

Item	Capability	Reference	Status	Support Y N n/a
M 1	MIME RFC 2045	6.1.1	m	
M 2	Primary message content	4.2, 5.2.7		
M 2.1	multipart/signed	5.2.7	o	
M 2.2	text/plain	6.1.1.1	o	
M 3	S/MIME signatures	7		
M 3.1	S/MIME version 2	5.2.7	M 2.1: m	
M 3.2	Canonical Form	7.1	M 2.1: m	
M 3.3	Signature algorithms	7.2, B.2		
M 3.3.1	md2WithRSAEncryption	SMIME A.4	M 2.1: o	
M 3.3.2	md5WithRSAEncryption	SMIME A.4	M 2.1: o	
M 3.3.3	sha-1WithRSAEncryption	SMIME A.4	M 2.1: o	
M 3.4	binary transfer encoding	7.3	M 2.1: m	
M 4	XML transfer	6.1		
M 4.1	binary transfer encoding	6.1.1.3	m	
Comments:				

A.10 Extensible Markup Language Capabilities

Table A.5: XML Capabilities

Item	Capability	Reference	Status	Support Y N n/a	Values allowed	Values supported
X 1	XML version 1.0	6.1.2.1	m			
X 2	Character encoding	6.1.2.3				
X 2.1	UTF-8	6.1.2.3	m			
X 2.2	UTF-16	6.1.2.3	m			
X 2.3	other(s)	6.1.2.3	o		note	
X 3	well-formed	6.1.2.2	m			
NOTE: Permissible character encodings defined by ISO/IEC 10646.						
Comments:						

A.11 Root Message Capabilities

Table A.6: Root Message Capabilities

Item	Capability	Reference	Status	Support Y N n/a	Values allowed	Values supported
G 1	Message as root entity	6.1.3.1	m			
G 2	Maximum components sent per client message	6.1.3	R 1: m		1 ..	
G 3	Maximum components recognized per client message	6.1.3	R 2: m		1 ..	
G 4	Equal components in server messages as received in client messages	6.1.3	R 2: m note			
G 5	Random attribute	6.1.3.2				
G 5.1	Random attribute present in messages	6.1.3.2	m			
G 5.2	Random value statistically valid	6.1.3.2	m			
G 6	Identifier attribute	6.1.3.3				
G 6.1	Identifier present in client messages	6.1.3.3	R 1: m			
G 6.2	Identifier unique	6.1.3.3	R 1: m			
G 6.3	Identifier returned in server messages	6.1.3.3	R 2: m			
G 6.4	Identifier associates server messages with client request/indication	6.1.4.4	R 1: m			
NOTE: Up to limit specified by G 3.						
Comments:						

A.12 Components Supported

Table A.7: Components Supported

Item	Capability	Reference	Status	Support Y N n/a
C 1	PricingIndication generated	6.2.1	R 1: o	
C 2	PricingIndication recognized	6.2.1	R 2: o	
C 3	PricingConfirmation generated	6.2.2	C 2: m	
C 4	PricingConfirmation recognized	6.2.2	C 1: m	
C 5	AuthorisationRequest generated	6.2.3	R 1: o	
C 6	AuthorisationRequest recognized	6.2.3	R 2: o	
C 7	AuthorisationResponse generated	6.2.4	C 6: m	
C 8	AuthorisationResponse recognized	6.2.4	C 5: m	
C 9	AuthorisationIndication generated	6.2.5	R 1: o	
C 10	AuthorisationIndication recognized	6.2.5	R 2: o	
C 11	AuthorisationConfirmation generated	6.2.6	C 10: m	
C 12	AuthorisationConfirmation recognized	6.2.6	C 9: m	
C 13	UsageIndication generated	6.2.7	R 1: o	
C 14	UsageIndication recognized	6.2.7	R 2: o	
C 15	UsageConfirmation generated	6.2.8	C 14: m	
C 16	UsageConfirmation recognized	6.2.8	C 13: m	
C 17	ReauthorisationRequest generated	6.2.9	R 1: o	
C 18	ReauthorisationRequest recognized	6.2.9	R 2: o	
C 19	ReauthorisationResponse generated	6.2.10	C 18: m	
C 20	ReauthorisationResponse recognized	6.2.10	C 17: m	
Comments:				

A.13 PricingIndication Support

Table A.8: PricingIndication Support

Item	Capability	Reference	Status	Support Y N n/a Note
PI 1	Timestamp	6.3.19	C 1 C 2: m	
PI 2	SourceInfo	6.3.16	C1 C 2: m	
PI 2.1	e164	6.3.16	PI 2: o.1	
PI 2.2	h323	6.3.16	PI 2: o.1	
PI 2.3	url	6.3.16	PI 2: o.1	
PI 2.4	email	6.3.16	PI 2: o.1	
PI 2.5	transport	6.3.16	PI 2: o.1	
PI 2.6	international	6.3.16	PI 2: o.1	
PI 2.7	national	6.3.16	PI 2: o.1	
PI 2.8	network	6.3.16	PI 2: o.1	
PI 2.9	subscriber	6.3.16	PI 2: o.1	
PI 2.10	abbreviated	6.3.16	PI 2: o.1	
PI 2.11	e164prefix	6.3.16	PI 2: o.1	
PI 3	DestinationInfo	6.3.9	C 1 C 2: m	
PI 3.1	e164	6.3.9	PI 3: o.2	
PI 3.2	h323	6.3.9	PI 3: o.2	
PI 3.3	url	6.3.9	PI 3: o.2	
PI 3.4	email	6.3.9	PI 3: o.2	
PI 3.5	transport	6.3.9	PI 3: o.2	
PI 3.6	international	6.3.9	PI 3: o.2	
PI 3.7	national	6.3.9	PI 3: o.2	
PI 3.8	network	6.3.9	PI 3: o.2	
PI 3.9	subscriber	6.3.9	PI 3: o.2	
PI 3.10	abbreviated	6.3.9	PI 3: o.2	
PI 3.11	e164prefix	6.3.9	PI 3: o.2	
PI 4	Currency	6.3.5	C 1 C 2: m	
PI 5	Amount	6.3.1	C 1 C 2: m	
PI 6	Increment	6.3.11	C 1 C 2: m	
PI 7	Unit	6.3.22	C 1 C 2: m	
PI 8	Service	6.3.14	C 1 C 2: m	
PI 9	ValidAfter	6.3.24	C 1 C 2: m	
PI 10	ValidUntil	6.3.25	C 1 C 2: m	
o.1: Support of at least one of these options is required.				
o.2: Support of at least one of these options is required.				
NOTE: For clients (R 1), support implies generation, for servers (R 2), support implies acceptance.				
Comments:				

A.14 PricingConfirmation Support

Table A.9: PricingConfirmation Support

Item	Capability	Reference	Status	Support Y N n/a Note
PC 1	Timestamp	6.3.19	C 3 C 4: m	
PC 2	Status	6.3.18	C 3 C 4: m	
PC 2.1	Code	6.3.4	PC 2: m	
PC 2.2	Description	6.3.6	PC 2: o	
NOTE: For clients (R 1), support implies acceptance, for servers (R 2), support implies generation.				
Comments:				

A.15 AuthorisationRequest Support

Table A.10: AuthorisationRequest Support

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
AQ 1	Timestamp	6.3.19	C 5 C 6: m			
AQ 2	CallId	6.3.3	C 5 C 6: m			
AQ 2.1	Maximum instances	6.2.3	AQ 2: m		1 ..	
AQ 2.2	CDATA encoding	6.3.3	AQ 2: o.1			
AQ 2.3	base64 encoding	6.3.3	AQ 2: o.1			
AQ 3	SourceInfo	6.3.16	C 5 C 6: m			
AQ 3.1	e164	6.3.16	AQ 3: o.2			
AQ 3.2	h323	6.3.16	AQ 3: o.2			
AQ 3.3	url	6.3.16	AQ 3: o.2			
AQ 3.4	email	6.3.16	AQ 3: o.2			
AQ 3.5	transport	6.3.16	AQ 3: o.2			
AQ 3.6	international	6.3.16	AQ 3: o.2			
AQ 3.7	national	6.3.16	AQ 3: o.2			
AQ 3.8	network	6.3.16	AQ 3: o.2			
AQ 3.9	subscriber	6.3.16	AQ 3: o.2			
AQ 3.10	abbreviated	6.3.16	AQ 3: o.2			
AQ 3.11	e164prefix	6.3.16	AQ 3: o.2			
AQ 4	SourceAlternate	6.3.15	C 5 C 6: o			
AQ 4.1	Maximum instances	6.2.3	AQ 4: m		0 ..	
AQ 4.2	e164	6.3.15	AQ 4: o.3			
AQ 4.3	h323	6.3.15	AQ 4: o.3			
AQ 4.4	url	6.3.15	AQ 4: o.3			
AQ 4.5	email	6.3.15	AQ 4: o.3			
AQ 4.6	transport	6.3.15	AQ 4: o.3			
AQ 4.7	international	6.3.15	AQ 4: o.3			
AQ 4.8	national	6.3.15	AQ 4: o.3			
AQ 4.9	network	6.3.15	AQ 4: o.3			
AQ 4.10	subscriber	6.3.15	AQ 4: o.3			
AQ 4.11	abbreviated	6.3.15	AQ 4: o.3			
AQ 4.12	e164prefix	6.3.15	AQ 4: o.3			
AQ 5	DestinationInfo	6.3.9	C 5 C 6: m			
AQ 5.1	e164	6.3.9	AQ 5: o.4			
AQ 5.2	h323	6.3.9	AQ 5: o.4			
AQ 5.3	url	6.3.9	AQ 5: o.4			
AQ 5.4	email	6.3.9	AQ 5: o.4			
AQ 5.5	transport	6.3.9	AQ 5: o.4			
AQ 5.6	international	6.3.9	AQ 5: o.4			
AQ 5.7	national	6.3.9	AQ 5: o.4			
AQ 5.8	network	6.3.9	AQ 5: o.4			
AQ 5.9	subscriber	6.3.9	AQ 5: o.4			
AQ 5.10	abbreviated	6.3.9	AQ 5: o.4			
AQ 5.11	e164prefix	6.3.9	AQ 5: o.4			
AQ 6	DestinationAlternate	6.3.8	C 5 C 6: o			
AQ 6.1	Maximum instances	6.2.3	AQ 6: m		0 ..	
AQ 6.2	e164	6.3.8	AQ 6: o.5			
AQ 6.3	h323	6.3.8	AQ 6: o.5			
AQ 6.4	url	6.3.8	AQ 6: o.5			
AQ 6.5	email	6.3.8	AQ 6: o.5			
AQ 6.6	transport	6.3.8	AQ 6: o.5			
AQ 6.7	international	6.3.8	AQ 6: o.5			
AQ 6.8	national	6.3.8	AQ 6: o.5			
AQ 6.9	network	6.3.8	AQ 6: o.5			
AQ 6.10	subscriber	6.3.8	AQ 6: o.5			
AQ 6.11	abbreviated	6.3.8	AQ 6: o.5			
AQ 6.12	e164prefix	6.3.8	AQ 6: o.5			
AQ 7	Service	6.3.14	C 5 C 6: m			

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
AQ 8	MaximumDestinations	6.3.12	C 5 C 6: m			
AQ 8.1	Maximum value	6.3.12	AQ 8: m		0 ..	
<p>o.1: Support of at least one of these options is required. o.2: Support of at least one of these options is required. o.3: Support of at least one of these options is required. o.4: Support of at least one of these options is required. o.5 Support of at least one of these options is required.</p> <p>NOTE: For clients (R 1), support implies generation, for servers (R 2), support implies acceptance.</p> <p>Comments:</p>						

A.16 AuthorisationResponse Support

Table A.11: AuthorisationResponse Support

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
AS 1	Timestamp	6.3.19	C 7 C 8: m			
AS 2	Status	6.3.18	C 7 C 8: m			
AS 2.1	Code	6.3.4	AS 2: m			
AS 2.2	Description	6.3.6	AS 2: o			
AS 3	TransactionId	6.3.21	C 7 C 8: m			
AS 3.1	Maximum value	6.3.21	AS 3: m			
AS 4	Destination	6.3.7	C 7 C 8: o			
AS 4.1	Maximum instances	6.2.4	AS 4: m		0 ..	
AS 4.2	DestinationInfo	6.3.9	AS 4: o			
AS 4.2.1	e164	6.3.9	AS 4.2: o.1			
AS 4.2.2	h323	6.3.9	AS 4.2: o.1			
AS 4.2.3	url	6.3.9	AS 4.2: o.1			
AS 4.2.4	email	6.3.9	AS 4.2: o.1			
AS 4.2.5	transport	6.3.9	AS 4.2: o.1			
AS 4.2.6	international	6.3.9	AS 4.2: o.1			
AS 4.2.7	national	6.3.9	AS 4.2: o.1			
AS 4.2.8	network	6.3.9	AS 4.2: o.1			
AS 4.2.9	subscriber	6.3.9	AS 4.2: o.1			
AS 4.2.10	abbreviated	6.3.9	AS 4.2: o.1			
AS 4.2.11	e164prefix	6.3.9	AS 4.2: o.1			
AS 4.3	DestinationAlternate	6.3.8	AS 4: o			
AS 4.3.1	Maximum instances	6.3.7	AS 4.3: m		0 ..	
AS 4.3.2	e164	6.3.8	AS 4.3: o.2			
AS 4.3.3	h323	6.3.8	AS 4.3: o.2			
AS 4.3.4	url	6.3.8	AS 4.3: o.2			
AS 4.3.5	email	6.3.8	AS 4.3: o.2			
AS 4.3.6	transport	6.3.8	AS 4.3: o.2			
AS 4.3.7	international	6.3.8	AS 4.3: o.2			
AS 4.3.8	national	6.3.8	AS 4.3: o.2			
AS 4.3.9	network	6.3.8	AS 4.3: o.2			
AS 4.3.10	subscriber	6.3.8	AS 4.3: o.2			
AS 4.3.11	abbreviated	6.3.8	AS 4.3: o.2			
AS 4.3.12	e164prefix	6.3.8	AS 4.3: o.2			
AS 4.4	DestinationSignalAddress	6.3.10	AS 4: m			
AS 4.5	Token	6.3.20	AS 4: o			
AS 4.5.1	Maximum instances	6.3.7	AS 4.5: m		0 ..	
AS 4.5.2	CDATA encoding	6.3.3	AS 4.5: o.3			
AS 4.5.3	base64 encoding	6.3.3	AS 4.5: o.3			
AS 4.6	ValidAfter	6.3.24	AS 4: o			
AS 4.7	ValidUntil	6.3.25	AS 4: o			
AS 4.8	UsageDetail	6.3.23	AS 4: o			
AS 4.8.1	Maximum instances	6.3.7	AS 4.8: m		0 ..	
AS 4.8.2	Service	6.3.14	AS 4.8: m			
AS 4.8.3	Amount	6.3.1	AS 4.8: m			
AS 4.8.4	Increment	6.3.1	AS 4.8: m			
AS 4.8.5	Unit	6.3.22	AS 4.8: m			
AS 4.8.5.1	s	6.3.22	AS 4.8.5: o.4			
AS 4.8.5.2	pkt	6.3.22	AS 4.8.5: o.4			
AS 4.8.5.3	byte	6.3.22	AS 4.8.5: o.4			
AS 4.9	AuthorityURL	6.3.2	AS 4: o			
AS 4.10	CallId	6.3.3	AS 4: m			
AS 4.10.1	CDATA encoding	6.3.3	AS 4.10: o.5			
AS 4.10.2	base64 encoding	6.3.3	AS 4.10: o.5			

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
o.2: Support of at least one of these options is required. o.3: Support of at least one of these options is required. o.4: Support of at least one of these options is required. o.5 Support of at least one of these options is required. NOTE: For clients (R 1), support implies acceptance, for servers (R 2), support implies generation.						
Comments:						

A.17 AuthorisationIndication Support

Table A.12: AuthorisationIndication Support

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
AI 1	Timestamp	6.3.19	C 9 C 10: m			
AI 2	Role	6.3.13	C 9 C 10: m			
AI 3	CallId	6.3.3	C 9 C 10: m			
AI 3.1	CDATA encoding	6.3.3	C 9 C 10: o.5			
AI 3.2	base64 encoding	6.3.3	C 9 C 10: o.5			
AI 4	SourceInfo	6.3.16	C 9 C 10: m			
AI 4.1	e164	6.3.16	AI 4: o.1			
AI 4.2	h323	6.3.16	AI 4: o.1			
AI 4.3	url	6.3.16	AI 4: o.1			
AI 4.4	email	6.3.16	AI 4: o.1			
AI 4.5	transport	6.3.16	AI 4: o.1			
AI 4.6	international	6.3.16	AI 4: o.1			
AI 4.7	national	6.3.16	AI 4: o.1			
AI 4.8	network	6.3.16	AI 4: o.1			
AI 4.9	subscriber	6.3.16	AI 4: o.1			
AI 4.10	abbreviated	6.3.16	AI 4: o.1			
AI 4.11	e164prefix	6.3.16	AI 4: o.1			
AI 5	SourceAlternate	6.3.15	C 9 C 10: o			
AI 5.1	Maximum instances	6.2.5	AI 5: m		0 ..	
AI 5.2	e164	6.3.15	AI 5: o.2			
AI 5.3	h323	6.3.15	AI 5: o.2			
AI 5.4	url	6.3.15	AI 5: o.2			
AI 5.5	email	6.3.15	AI 5: o.2			
AI 5.6	transport	6.3.15	AI 5: o.2			
AI 5.7	international	6.3.15	AI 5: o.2			
AI 5.8	national	6.3.15	AI 5: o.2			
AI 5.9	network	6.3.15	AI 5: o.2			
AI 5.10	subscriber	6.3.15	AI 5: o.2			
AI 5.11	abbreviated	6.3.15	AI 5: o.2			
AI 5.12	e164prefix	6.3.15	AI 5: o.2			
AI 6	DestinationInfo	6.3.9	C 9 C 10: m			
AI 6.1	e164	6.3.9	AI 6: o.3			
AI 6.2	h323	6.3.9	AI 6: o.3			
AI 6.3	url	6.3.9	AI 6: o.3			
AI 6.4	email	6.3.9	AI 6: o.3			
AI 6.5	transport	6.3.9	AI 6: o.3			
AI 6.6	international	6.3.9	AI 6: o.3			
AI 6.7	national	6.3.9	AI 6: o.3			
AI 6.8	network	6.3.9	AI 6: o.3			
AI 6.9	subscriber	6.3.9	AI 6: o.3			
AI 6.10	abbreviated	6.3.9	AI 6: o.3			
AI 6.11	e164prefix	6.3.9	AI 6: o.3			
AI 7	DestinationAlternate	6.3.8	C 9 C 10: o			
AI 7.1	Maximum instances	6.2.5	AI 7: m		0 ..	
AI 7.2	e164	6.3.8	AI 7: o.4			
AI 7.3	h323	6.3.8	AI 7: o.4			
AI 7.4	url	6.3.8	AI 7: o.4			
AI 7.5	email	6.3.8	AI 7: o.4			
AI 7.6	transport	6.3.8	AI 7: o.4			
AI 7.7	international	6.3.8	AI 7: o.4			
AI 7.8	national	6.3.8	AI 7: o.4			
AI 7.9	network	6.3.8	AI 7: o.4			
AI 7.10	subscriber	6.3.8	AI 7: o.4			
AI 7.11	abbreviated	6.3.8	AI 7: o.4			
AI 7.12	e164prefix	6.3.8	AI 7: o.4			
AI 8	Service	6.3.14	C 9 C 10: m			

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
AI 9	Token	6.3.20	C 9 C 10: o			
AI 9.1	Maximum instances	6.2.5	AI 9: m		0 ..	
AI 9.2	CDATA encoding	6.3.3	AI 9: o.5			
AI 9.3	base64 encoding	6.3.3	AI 9: o.5			
o.1: Support of at least one of these options is required. o.2: Support of at least one of these options is required. o.3: Support of at least one of these options is required. o.4: Support of at least one of these options is required. o.5 Support of at least one of these options is required.						
NOTE: For clients (R 1), support implies generation, for servers (R 2), support implies acceptance.						
Comments:						

A.18 AuthorisationConfirmation Support

Table A.13: AuthorisationConfirmation Support

Item	Capability	Reference	Status	Support Y N n/a Note
AC 1	Timestamp	6.3.19	C 11 C 12: m	
AC 2	Status	6.3.18	C 11 C 12: m	
AC 2.1	Code	6.3.4	AC 2: m	
AC 2.2	Description	6.3.6	AC 2: o	
AC 3	ValidAfter	6.3.24	C 11 C 12: m	
AC 4	ValidUntil	6.3.25	C 11 C 12: m	
NOTE: For clients (R 1), support implies acceptance, for servers (R 2), support implies generation.				
Comments:				

A.19 UsageIndication Support

Table A.14: UsageIndication Support

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
UI 1	Timestamp	6.3.19	C 13 C 14: m			
UI 2	Role	6.3.13	C 13 C 14: m			
UI 3	TransactionId	6.3.21	C 13 C 14: m			
UI 3.1	Maximum value	6.3.21	UI 3: m			
UI 4	CallId	6.3.3	C 13 C 14: m			
UI 4.1	CDATA encoding	6.3.3	C 13 C 14: o.1			
UI 4.2	base64 encoding	6.3.3	C 13 C 14: o.1			
UI 5	SourceInfo	6.3.16	C 13 C 14: m			
UI 5.1	e164	6.3.16	UI 5: o.2			
UI 5.2	h323	6.3.16	UI 5: o.2			
UI 5.3	url	6.3.16	UI 5: o.2			
UI 5.4	email	6.3.16	UI 5: o.2			
UI 5.5	transport	6.3.16	UI 5: o.2			
UI 5.6	international	6.3.16	UI 5: o.2			
UI 5.7	national	6.3.16	UI 5: o.2			
UI 5.8	network	6.3.16	UI 5: o.2			
UI 5.9	subscriber	6.3.16	UI 5: o.2			
UI 5.10	abbreviated	6.3.16	UI 5: o.2			
UI 5.11	e164prefix	6.3.16	UI 5: o.2			
UI 6	SourceAlternate	6.3.15	C 13 C 14: o			
UI 6.1	Maximum instances	6.2.7	UI 6: m		0 ..	
UI 6.2	e164	6.3.15	UI 6: o.3			
UI 6.3	h323	6.3.15	UI 6: o.3			
UI 6.4	url	6.3.15	UI 6: o.3			
UI 6.5	email	6.3.15	UI 6: o.3			
UI 6.6	transport	6.3.15	UI 6: o.3			
UI 6.7	international	6.3.15	UI 6: o.3			
UI 6.8	national	6.3.15	UI 6: o.3			
UI 6.9	network	6.3.15	UI 6: o.3			
UI 6.10	subscriber	6.3.15	UI 6: o.3			
UI 6.11	abbreviated	6.3.15	UI 6: o.3			
UI 6.12	e164prefix	6.3.15	UI 6: o.3			
UI 7	DestinationInfo	6.3.9	C 13 C 14: m			
UI 7.1	e164	6.3.9	UI 7: o.4			
UI 7.2	h323	6.3.9	UI 7: o.4			
UI 7.3	url	6.3.9	UI 7: o.4			
UI 7.4	email	6.3.9	UI 7: o.4			
UI 7.5	transport	6.3.9	UI 7: o.4			
UI 7.6	international	6.3.9	UI 7: o.4			
UI 7.7	national	6.3.9	UI 7: o.4			
UI 7.8	network	6.3.9	UI 7: o.4			
UI 7.9	subscriber	6.3.9	UI 7: o.4			
UI 7.10	abbreviated	6.3.9	UI 7: o.4			
UI 7.11	e164prefix	6.3.9	UI 7: o.4			
UI 8	DestinationAlternate	6.3.8	C 13 C 14: o			
UI 8.1	Maximum instances	6.2.7	UI 8: m		0 ..	
UI 8.2	e164	6.3.8	UI 8: o.5			
UI 8.3	h323	6.3.8	UI 8: o.5			
UI 8.4	url	6.3.8	UI 8: o.5			
UI 8.5	email	6.3.8	UI 8: o.5			
UI 8.6	transport	6.3.8	UI 8: o.5			
UI 8.7	international	6.3.8	UI 8: o.5			
UI 8.8	national	6.3.8	UI 8: o.5			
UI 8.9	network	6.3.8	UI 8: o.5			
UI 8.10	subscriber	6.3.8	UI 8: o.5			
UI 8.11	abbreviated	6.3.8	UI 8: o.5			

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
UI 8.12	e164prefix	6.3.8	UI 8: o.5			
UI 9	UsageDetail	6.3.23	C 13 C 14: o			
UI 9.1	Maximum instances	6.2.7	UI 9: m		0 ..	
UI 9.2	Service	6.3.14	UI 9: m			
UI 9.3	Amount	6.3.1	UI 9: m			
UI 9.4	Increment	6.3.1	UI 9: m			
UI 9.5	Unit	6.3.22	UI 9: m			
UI 9.5.1	s	6.3.22	UI 9.5: o.6			
UI 9.5.2	pkt	6.3.22	UI 9.5: o.6			
UI 9.5.3	byte	6.3.22	UI 9.5: o.6			
o.1: Support of at least one of these options is required. o.2: Support of at least one of these options is required. o.3: Support of at least one of these options is required. o.4: Support of at least one of these options is required. o.5 Support of at least one of these options is required. o.6 Support of at least one of these options is required.						
NOTE: For clients (R 1), support implies generation, for servers (R 2), support implies acceptance.						
Comments:						

A.20 UsageConfirmation Support

Table A.15: UsageConfirmation Support

Item	Capability	Reference	Status	Support Y N n/a Note
UC 1	Timestamp	6.3.19	C 15 C 16: m	
UC 2	Status	6.3.18	C 15 C 16: m	
UC 2.1	Code	6.3.4	UC 2: m	
UC 2.2	Description	6.3.6	UC 2: o	
NOTE: For clients (R 1), support implies acceptance, for servers (R 2), support implies generation.				
Comments:				

A.21 ReauthorisationRequest Support

Table A.16: ReauthorisationRequest Support

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
RQ 1	Timestamp	6.3.19	C 17 C 18: m			
RQ 2	Role	6.3.13	C 17 C 18: m			
RQ 3	CallId	6.3.3	C 17 C 18: m			
RQ 3.1	CDATA encoding	6.3.3	C 17 C 18: o.1			
RQ 3.2	base64 encoding	6.3.3	C 17 C 18: o.1			
RQ 4	SourceInfo	6.3.16	C 17 C 18: o			
RQ 4.1	e164	6.3.16	RQ 4: o.2			
RQ 4.2	h323	6.3.16	RQ 4: o.2			
RQ 4.3	url	6.3.16	RQ 4: o.2			
RQ 4.4	email	6.3.16	RQ 4: o.2			
RQ 4.5	transport	6.3.16	RQ 4: o.2			
RQ 4.6	international	6.3.16	RQ 4: o.2			
RQ 4.7	national	6.3.16	RQ 4: o.2			
RQ 4.8	network	6.3.16	RQ 4: o.2			
RQ 4.9	subscriber	6.3.16	RQ 4: o.2			
RQ 4.10	abbreviated	6.3.16	RQ 4: o.2			
RQ 4.11	e164prefix	6.3.16	RQ 4: o.2			
RQ 5	SourceAlternate	6.3.15	C 17 C 18: o			
RQ 5.1	Maximum instances	6.2.9	RQ 5: m		0 ..	
RQ 5.2	e164	6.3.15	RQ 5: o.3			
RQ 5.3	h323	6.3.15	RQ 5: o.3			
RQ 5.4	url	6.3.15	RQ 5: o.3			
RQ 5.5	email	6.3.15	RQ 5: o.3			
RQ 5.6	transport	6.3.15	RQ 5: o.3			
RQ 5.7	international	6.3.15	RQ 5: o.3			
RQ 5.8	national	6.3.15	RQ 5: o.3			
RQ 5.9	network	6.3.15	RQ 5: o.3			
RQ 5.10	subscriber	6.3.15	RQ 5: o.3			
RQ 5.11	abbreviated	6.3.15	RQ 5: o.3			
RQ 5.12	e164prefix	6.3.15	RQ 5: o.3			
RQ 6	DestinationInfo	6.3.9	C 17 C 18: o			
RQ 6.1	e164	6.3.9	RQ 6: o.4			
RQ 6.2	h323	6.3.9	RQ 6: o.4			
RQ 6.3	url	6.3.9	RQ 6: o.4			
RQ 6.4	email	6.3.9	RQ 6: o.4			
RQ 6.5	transport	6.3.9	RQ 6: o.4			
RQ 6.6	international	6.3.9	RQ 6: o.4			
RQ 6.7	national	6.3.9	RQ 6: o.4			
RQ 6.8	network	6.3.9	RQ 6: o.4			
RQ 6.9	subscriber	6.3.9	RQ 6: o.4			
RQ 6.10	abbreviated	6.3.9	RQ 6: o.4			
RQ 6.11	e164prefix	6.3.9	RQ 6: o.4			
RQ 7	DestinationAlternate	6.3.8	C 17 C 18: o			
RQ 7.1	Maximum instances	6.2.9	RQ 7: m		0 ..	
RQ 7.2	e164	6.3.8	RQ 7: o.5			
RQ 7.3	h323	6.3.8	RQ 7: o.5			
RQ 7.4	url	6.3.8	RQ 7: o.5			
RQ 7.5	email	6.3.8	RQ 7: o.5			
RQ 7.6	transport	6.3.8	RQ 7: o.5			
RQ 7.7	international	6.3.8	RQ 7: o.5			
RQ 7.8	national	6.3.8	RQ 7: o.5			
RQ 7.9	network	6.3.8	RQ 7: o.5			
RQ 7.10	subscriber	6.3.8	RQ 7: o.5			
RQ 7.11	abbreviated	6.3.8	RQ 7: o.5			
RQ 7.12	e164prefix	6.3.8	RQ 7: o.5			
RQ 8	TransactionId	6.3.21	C 17 C 18: m			

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
RQ 8.1	Maximum value	6.3.21	RQ 8: m			
RQ 9	UsageDetail	6.3.23	C 17 C 18: o			
RQ 9.1	Maximum instances	6.3.12	RQ 9: m		0 ..	
RQ 9.2	Service	6.3.14	RQ 9: m			
RQ 9.3	Amount	6.3.1	RQ 9: m			
RQ 9.4	Increment	6.3.1	RQ 9: m			
RQ 9.5	Unit	6.3.22	RQ 9: m			
RQ 9.5.1	s	6.3.22	RQ 9.5: o.6			
RQ 9.5.2	pkt	6.3.22	RQ 9.5: o.6			
RQ 9.5.3	byte	6.3.22	RQ 9.5: o.6			
RQ 10	Token	6.3.20	C 17 C 18: o			
RQ 10.1	Maximum instances	6.2.9	RQ 10: m		0 ..	
RQ 10.2	CDATA encoding	6.3.3	RQ 10: o.7			
RQ 10.3	base64 encoding	6.3.3	RQ 10: o.7			
<p>o.1: Support of at least one of these options is required. o.2: Support of at least one of these options is required. o.3: Support of at least one of these options is required. o.4: Support of at least one of these options is required. o.5: Support of at least one of these options is required. o.6: Support of at least one of these options is required. o.7: Support of at least one of these options is required.</p> <p>NOTE: For clients (R 1), support implies generation, for servers (R 2), support implies acceptance.</p> <p>Comments:</p>						

A.22 ReauthorisationResponse Support

Table A.17: ReauthorisationResponse Support

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
RS 1	Timestamp	6.3.19	C 19 C 20: m			
RS 2	Status	6.3.18	C 19 C 20: m			
RS 2.1	Code	6.3.4	RS 2: m			
RS 2.2	Description	6.3.6	RS 2: o			
RS 3	TransactionId	6.3.21	C 19 C 20: m			
RS 3.1	Maximum value	6.3.21	RS 3: m			
RS 4	Destination	6.3.7	C 19 C 20: o			
RS 4.1	Maximum instances	6.2.10	RS 4: m		0 ..	
RS 4.2	DestinationInfo	6.3.9	RS 4: o			
RS 4.2.1	e164	6.3.9	RS 4.2: o.1			
RS 4.2.2	h323	6.3.9	RS 4.2: o.1			
RS 4.2.3	url	6.3.9	RS 4.2: o.1			
RS 4.2.4	email	6.3.9	RS 4.2: o.1			
RS 4.2.5	transport	6.3.9	RS 4.2: o.1			
RS 4.2.6	international	6.3.9	RS 4.2: o.1			
RS 4.2.7	national	6.3.9	RS 4.2: o.1			
RS 4.2.8	network	6.3.9	RS 4.2: o.1			
RS 4.2.9	subscriber	6.3.9	RS 4.2: o.1			
RS 4.2.10	abbreviated	6.3.9	RS 4.2: o.1			
RS 4.2.11	e164prefix	6.3.9	RS 4.2: o.1			
RS 4.3	DestinationAlternate	6.3.8	RS 4: o			
RS 4.3.1	Maximum instances	6.3.7	RS 4.3: m		0 ..	
RS 4.3.2	e164	6.3.8	RS 4.3: o.2			
RS 4.3.3	h323	6.3.8	RS 4.3: o.2			
RS 4.3.4	url	6.3.8	RS 4.3: o.2			
RS 4.3.5	email	6.3.8	RS 4.3: o.2			
RS 4.3.6	transport	6.3.8	RS 4.3: o.2			
RS 4.3.7	international	6.3.8	RS 4.3: o.2			
RS 4.3.8	national	6.3.8	RS 4.3: o.2			
RS 4.3.9	network	6.3.8	RS 4.3: o.2			
RS 4.3.10	subscriber	6.3.8	RS 4.3: o.2			
RS 4.3.11	abbreviated	6.3.8	RS 4.3: o.2			
RS 4.3.12	e164prefix	6.3.8	RS 4.3: o.2			
RS 4.4	DestinationSignalAddress	6.3.10	RS 4: m			
RS 4.5	Token	6.3.20	RS 4: o			
RS 4.5.1	Maximum instances	6.3.7	RS 4.5: m		0 ..	
RS 4.5.2	CDATA encoding	6.3.3	RS 4.5: o.3			
RS 4.5.3	base64 encoding	6.3.3	RS 4.5: o.3			
RS 4.6	ValidAfter	6.3.24	RS 4: o			
RS 4.7	ValidUntil	6.3.25	RS 4: o			
RS 4.8	UsageDetail	6.3.23	RS 4: o			
RS 4.8.1	Maximum instances	6.3.7	RS 4.8: m		0 ..	
RS 4.8.2	Service	6.3.14	RS 4.8: m			
RS 4.8.3	Amount	6.3.1	RS 4.8: m			
RS 4.8.4	Increment	6.3.1	RS 4.8: m			
RS 4.8.5	Unit	6.3.22	RS 4.8: m			
RS 4.8.5.1	s	6.3.22	RS 4.8.5: o.4			
RS 4.8.5.2	pkt	6.3.22	RS 4.8.5: o.4			
RS 4.8.5.3	byte	6.3.22	RS 4.8.5: o.4			
RS 4.9	AuthorityURL	6.3.2	RS 4: o			
RS 4.10	CallId	6.3.3	RS 4: m			
RS 4.10.1	CDATA encoding	6.3.3	RS 4.11: o.5			
RS 4.10.2	base64 encoding	6.3.3	RS 4.11: o.5			

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
o.1: Support of at least one of these options is required. o.2: Support of at least one of these options is required. o.3: Support of at least one of these options is required. o.4: Support of at least one of these options is required. o.5 Support of at least one of these options is required. NOTE: For clients (R 1), support implies acceptance, for servers (R 2), support implies generation.						
Comments:						

A.23 Authorisation Token Support

Table A.18: Authorisation Token Support

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
T 1	Cryptographic Encoding	D.1	o			
T 1.1	signed-data	PKCS7	o			
T 1.1.1	DigestAlgorithm	PKCS7	o			
T 1.1.1.1	md2	X.509	o.1			
T 1.1.1.2	md4	X.509	o.1			
T 1.1.1.3	md5	X.509	o.1			
T 1.1.1.4	sha-1	ISO	o.1			
T 1.1.2	DigestEncryptionAlgori thm	PKCS7	o			
T 1.1.2.1	rsaEncryption	PKCS1	o.2			
T 1.1.2.2	id-dsa-with-sha1	ISO	o.2			
T 1.2	encrypted-data	PKCS7	o			
T 1.2.1	KeyEncryptionAlgorithm	PKCS7	o			
T 1.2.1.1	rsaEncryption	PKCS1	o			
T 1.2.2	ContentEncryptionAlgori thm	PKCS7	o			
T 1.2.2.1	des-ede3-cbc	ISO	o.3			
T 1.2.2.2	rc2-cbc	ISO	o.3			
T 2	ASN.1 format	D.2.1	o.4			
T 2.1	random	D.2.1	T 2: m			
T 2.2	sourceInfo	D.2.1	T 2: m			
T 2.2.1	Maximum instances	D.2.1	T 2.2: m		0 ..	
T 2.2.2	e164	H.225.0	T 2.2: o.5			
T 2.2.3	h323-ID	H.225.0	T 2.2: o.5			
T 2.2.4	url-ID	H.225.0	T 2.2: o.5			
T 2.2.5	transport-ID	H.225.0	T 2.2: o.5			
T 2.2.5.1	ipAddress	H.225.0	T 2.2.5: o.6			
T 2.2.5.2	ipSourceRoute	H.225.0	T 2.2.5: o.6			
T 2.2.5.3	ipxaddress	H 225.0	T 2.2.5: o.6			
T 2.2.5.4	ip6Address	H.225.0	T 2.2.5: o.6			
T 2.2.5.5	netBios	H.225.0	T 2.2.5: o.6			
T 2.2.5.6	nsap	H.225.0	T 2.2.5: o.6			
T 2.2.5.7	nonStandardAddress	H.225.0	T 2.2.5: o.6			
T 2.2.6	email-ID	H.225.0	T 2.2: o.5			
T 2.2.7	partyNumber	H.225.0	T 2.2: o.5			
T 2.3	destinationInfo	D.2.1	T 2: m			
T 2.3.1	Maximum instances	D.2.1	T 2.3: m		0 ..	
T 2.3.2	e164	H.225.0	T 2.3: o.7			
T 2.3.3	h323-ID	H.225.0	T 2.3: o.7			
T 2.3.4	url-ID	H.225.0	T 2.3: o.7			
T 2.3.5	transport-ID	H.225.0	T 2.3: o.7			
T 2.3.5.1	ipAddress	H.225.0	T 2.3.5: o.8			
T 2.3.5.2	ipSourceRoute	H.225.0	T 2.3.5: o.8			
T 2.3.5.3	ipxaddress	H 225.0	T 2.3.5: o.8			
T 2.3.5.4	ip6Address	H.225.0	T 2.3.5: o.8			

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
T 2.3.5.5	netBios	H.225.0	T 2.3.5: o.8			
T 2.3.5.6	nsap	H.225.0	T 2.3.5: o.8			
T 2.3.5.7	nonStandardAddress	H.225.0	T 2.3.5: o.8			
T 2.3.6	email-ID	H.225.0	T 2.3: o.7			
T 2.3.7	partyNumber	H.225.0	T 2.3: o.7			
T 2.4	callId	D.2.1	T 2: o			
T 2.5	validAfter	D.2.1	T 2: o			
T 2.6	validUntil	D.2.1	T 2: o			
T 2.7	transactionId	D.2.1	T 2: o			
T 2.8	serviceAuthorized	D.2.1	T 2: o			
T 2.8.1	Maximum instances	D.2.1	T 2.8: m		0 ..	
T 2.8.2	service	D.2.1	T 2.8: m			
T 2.8.2.1	basicTelephony	D.2.1	T 2.8.2: o			
T 2.8.2.2	vendorSpecific	D.2.1	T 2.8.2: o			
T 2.8.3	limit	D.2.1	T 2.8: o			
T 2.8.3.1	amount	D.2.1	T 2.8.3: m			
T 2.8.3.2	units	D.2.1	T 2.8.3: m			
T 2.8.3.2.1	seconds	D.2.1	T 2.8.3.2: o.9			
T 2.8.3.2.2	packets	D.2.1	T 2.8.3.2: o.9			
T 2.8.3.2.3	bytes	D.2.1	T 2.8.3.2: o.9			
T 2.8.3.2.3	vendorSpecific	D.2.1	T 2.8.3.2: o.9			
T 2.8.3.3	increment	D.2.1	T 2.8.3: m			
T 2.8.3.4	vendorSpecific	D.2.1	T 2.8.3: o			
T 2.9	AuthorityURL	D.2.1	T 2: o			
T 2.9.1	Maximum instances	D.2.1	T 2.9: o			
T 2.10	vendorSpecific	D.2.1	T 2: o			
T 3	XML format	D.2.3	o.4			
T 3.1	SourceInfo		T 3: o			
T 3.1.1	e164	6.3.16	T 3.1: o.10			
T 3.1.2	h323	6.3.16	T 3.1: o.10			
T 3.1.3	url	6.3.16	T 3.1: o.10			
T 3.1.4	email	6.3.16	T 3.1: o.10			
T 3.1.5	transport	6.3.16	T 3.1: o.10			
T 3.1.6	international	6.3.16	T 3.1: o.10			
T 3.1.7	national	6.3.16	T 3.1: o.10			
T 3.1.8	network	6.3.16	T 3.1: o.10			
T 3.1.9	subscriber	6.3.16	T 3.1: o.10			
T 3.1.10	abbreviated	6.3.16	T 3.1: o.10			
T 3.1.11	e164prefix	6.3.16	T 3.1: o.10			
T 3.2	SourceAlternate	6.3.15	T 3: o			
T 3.2.1	Maximum instances	D.2.2	T 3.2: m		0 ..	

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
T 3.2.2	e164	6.3.15	T 3.2: o.11			
T 3.2.3	h323	6.3.15	T 3.2: o.11			
T 3.2.4	url	6.3.15	T 3.2: o.11			
T 3.2.5	email	6.3.15	T 3.2: o.11			
T 3.2.6	transport	6.3.15	T 3.2: o.11			
T 3.2.7	international	6.3.15	T 3.2: o.11			
T 3.2.8	national	6.3.15	T 3.2: o.11			
T 3.2.9	network	6.3.15	T 3.2: o.11			
T 3.2.10	subscriber	6.3.15	T 3.2: o.11			
T 3.2.11	abbreviated	6.3.15	T 3.2: o.11			
T 3.2.12	e164prefix	6.3.15	T 3.2: o.11			
T 3.3	DestinationInfo	6.3.9	T 3: o			
T 3.3.1	e164	6.3.9	T 3.3: o.12			
T 3.3.2	h323	6.3.9	T 3.3: o.12			
T 3.3.3	url	6.3.9	T 3.3: o.12			
T 3.3.4	email	6.3.9	T 3.3: o.12			
T 3.3.5	transport	6.3.9	T 3.3: o.12			
T 3.3.6	international	6.3.9	T 3.3: o.12			
T 3.3.7	national	6.3.9	T 3.3: o.12			
T 3.3.8	network	6.3.9	T 3.3: o.12			
T 3.3.9	subscriber	6.3.9	T 3.3: o.12			
T 3.3.10	abbreviated	6.3.9	T 3.3: o.12			
T 3.3.11	e164prefix	6.3.9	T 3.3: o.12			
T 3.4	DestinationAlternate	6.3.8	T 3: o			
T 3.4.1	Maximum instances	D.2.2	T 3.4: m		0 ..	
T 3.4.2	e164	6.3.8	T 3.4: o.13			
T 3.4.3	h323	6.3.8	T 3.4: o.13			
T 3.4.4	url	6.3.8	T 3.4: o.13			
T 3.4.5	email	6.3.8	T 3.4: o.13			
T 3.4.6	transport	6.3.8	T 3.4: o.13			
T 3.4.7	international	6.3.8	T 3.4: o.13			
T 3.4.8	national	6.3.8	T 3.4: o.13			
T 3.4.9	network	6.3.8	T 3.4: o.13			

Item	Capability	Reference	Status	Support Y N n/a Note	Values allowed	Values supported
T 3.4.10	subscriber	6.3.8	T 3.4: o.13			
T 3.4.11	abbreviated	6.3.8	T 3.4: o.13			
T 3.4.12	e164prefix	6.3.8	T 3.4: o.13			
T 3.5	CallId	6.3.3	T 3: o			
T 3.5.1	Maximum instances	D.2.2	T 3.5: m		0 ..	
T 3.5.2	CDATA encoding	6.3.3	T 3.5: o.14			
T 3.5.3	base64 encoding	6.3.3	T 3.5: o.14			
T 3.6	ValidAfter	6.3.24	T 3: o			
T 3.7	ValidUntil	6.3.25	T 3: o			
T 3.8	TransactionId	6.3.21	T 3: o			
T 3.8.1	Maximum value	6.3.21	T 3.8: m			
T 3.9	UsageDetail	6.3.23	T 3: o			
T 3.9.1	Maximum instances	D.2.2	T 3.9: m		0 ..	
T 3.9.2	Service	6.3.14	T 3.9: m			
T 3.9.3	Amount	6.3.1	T 3.9: m			
T 3.9.4	Increment	6.3.1	T 3.9: m			
T 3.9.5	Unit	6.3.22	T 3.9: m			
T 3.9.5.1	s	6.3.22	T 3.9.5: o.15			
T 3.9.5.2	pkt	6.3.22	T 3.9.5: o.15			
T 3.9.5.3	byte	6.3.22	T 3.9.5: o.15			
T 3.10	AuthorityURL	6.3.2	T 3: o			
T 3.10.1	Maximum instances	D.2.2	T.3.10: m		0 ..	
<p>o.1: Support of at least one of these options is required. o.2: Support of at least one of these options is required. o.3: Support of at least one of these options is required. o.4: Support of at least one of these options is required. o.5 Support of at least one of these options is required. o.6 Support of at least one of these options is required. o.7 Support of at least one of these options is required. o.8 Support of at least one of these options is required. o.9 Support of at least one of these options is required. o.10 Support of at least one of these options is required. o.11 Support of at least one of these options is required. o.12 Support of at least one of these options is required. o.13 Support of at least one of these options is required. o.14 Support of at least one of these options is required. o.15 Support of at least one of these options is required.</p> <p>NOTE: For clients (R 1), support implies acceptance, for servers (R 2), support implies generation.</p> <p>Comments:</p>						

A.24 XML Extensions

List XML extensions generated by implementation (optional):

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List XML extensions recognized by implementation (optional):

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History

Document history		
V1.1.1	January 2000	Publication