ITU-T

Q.4001.3

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TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU

SERIES Q: SWITCHING AND SIGNALLING

Testing specifications - Testing specifications for SIP-IMS

IMS specific use of session initiation protocol and session description protocol; Conformance testing – Part 3: Network side; Abstract test suite and protocol implementation extra information for testing

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Recommendation ITU-T Q.4001.3

IMS specific use of session initiation protocol and session description protocol; Conformance testing — Part 3: Network side; Abstract test suite and protocol implementation extra information for testing

Summary

Recommendation ITU-T Q.4001.3 v.1 (2016) specifies Part 3 of the abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) proforma specification on the network side for testing compliance to Recommendation ITU-T Q.3403 v.1.

The version number, v.1, indicates that this is version one of Recommendation ITU-T Q.4001.3, and that it relates to Release 10 of the relevant 3GPP/ETSI standard.

This Recommendation endorses ETSI TS 102 790-3 V3.1.1 (2014-07) "Core Network and Interoperability Testing (INT); IMS specific use of Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Conformance Testing; (3GPP Release 10); Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification".

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T Q.4001.3 v.1	2016-02-13	11	11.1002/1000/12729

Keywords

Abstract test suite, ATS, IP multimedia subsystem, IMS, network side, PIXIT, session description protocol, SDP, session initiation protocol, SIP, testing, user side.

^{*} To access the Recommendation, type the URL http://handle.itu.int/ in the address field of your web browser, followed by the Recommendation's unique ID. For example, http://handle.itu.int/11.1002/1000/11830-en.

FOREWORD

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at http://www.itu.int/ITU-T/ipr/.

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Recommendation ITU-T Q.4001.3

IMS specific use of session initiation protocol and session description protocol; Conformance testing — Part 3: Network side; Abstract text suite and protocol implementation extra information for testing

1 Scope

This Recommendation is part 3 of the testing specifications for basic call on IMS basis. It specifies the abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) proforma specification which can be used for testing on network side against [ITU-T Q.3403 v.1].

The Recommendation endorses ETSI TS 102 790-3 V3.1.1 (2014-07), "Core Network and Interoperability Testing (INT); IMS specific use of Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Conformance Testing; (3GPP Release 10); Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification".

2 References

The following ITU-T Recommendations and other references contain provisions which, through reference in this text, constitute provisions of this Recommendation. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision; users of this Recommendation are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published. The reference to a document within this Recommendation does not give it, as a stand-alone document, the status of a Recommendation.

[ITU-T Q.3403 v.1]

Recommendation ITU-T Q.3403 v.1 (2016), *IP multimedia call control protocol based on the session initiation protocol and the session description protocol – Basic call: Requirements for the user side and the network side*.

[ETSI TS 102 790-3 V3.1.1]

ETSI TS 102 790-3 V3.1.1 (2014-07), Core Network and Interoperability Testing (INT); IMS specific use of Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Conformance Testing; (3GPP Release 10); Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification.

3 Definitions

None.

4 Abbreviations and acronyms

This Recommendation uses the following abbreviations and acronyms:

ATS Abstract Test Suite

IMS IP Multimedia Subsystem

IP Internet protocol

PIXIT Protocol Implementation extra Information for Testing

SDP Session Description ProtocolSIP Session Initiation Protocol

5 Conventions

None.

6 Endorsement

[ETSI TS 102 790-3 V3.1.1].

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