ITU-T

Q.3941.1

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU (02/2016)

SERIES Q: SWITCHING AND SIGNALLING

Testing specifications – Testing specifications for next generation networks

Network integration testing between SIP and ISDN/PSTN network signalling protocols – Part 1: Test suite structure and test purposes for SIP-ISDN

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Recommendation ITU-T Q.3941.1

Network integration testing between SIP and ISDN/PSTN network signalling protocols – Part 1: Test suite structure and test purposes for SIP-ISDN

Summary

Recommendation ITU-T Q.3941.1 (2016) specifies network integration testing between SIP and ISDN/PSTN network. It is part 1 of a multi-part deliverable covering network integration testing between SIP and ISDN/PSTN network signalling protocols:

Part 1: Test suite structure and test purposes for SIP-ISDN.

- Part 2: Abstract test suite and partial protocol implementation extra information for testing proforma specification for SIP-ISDN.
- Part 3: Test suite structure and test purposes for SIP-SIP.
- Part 4: Abstract test suite and partial protocol implementation extra information for testing proforma specification for SIP-SIP.
- Part 5: Test suite structure and test purposes (TSS&TP) for network integration tests between ISDN-ISDN and ISDN-PSTN over SIP II NNI / SIP-I NNI.

The version number, v.1, indicates that this is version one of Recommendation ITU-T Q.3941.1, and that it relates to Release 10 of the relevant 3GPP/ETSI standard.

This Recommendation endorses <u>ETSI TS 186 001-1 V3.1.1 (2015-11)</u>, Core Network and Interoperability Testing (INT); Network Integration Testing between SIP and ISDN/PSTN network signalling protocols; Part 1: Test Suite Structure and Test Purposes (TSS&TP) for SIP-ISDN.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T Q.3941.1	2011-06-29	11	11.1002/1000/11356
2.0	ITU-T Q.3941.1	2016-02-13	11	11.1002/1000/12701

Keywords

IMS, network integration testing, SDP, SIP.

^{*} 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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Recommendation ITU-T Q.3941.1

Network integration testing between SIP and ISDN/PSTN network signalling protocols – Part 1: Test suite structure and test purposes for SIP-ISDN

1 Scope

This Recommendation specifies network integration testing between SIP and ISDN/PSTN network signalling protocols; Part 1: Test suite structure and test purposes (TSS&TP) for SIP-ISDN.

This Recommendation endorses ETSI TS 186 001-1 V3.1.1 (2015-11) "Core Network and Interoperability Testing (INT); Network Integration Testing between SIP and ISDN/PSTN network signalling protocols; Part 1: Test Suite Structure and Test Purposes (TSS&TP) for SIP-ISDN".

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.

[ETSI TS 186 001-1] ETSI TS 186 001-1 V3.1.1 (2015-11) Core Network and Interoperability Testing (INT); Network Integration Testing between SIP and ISDN/PSTN network signalling protocols; Part 1: Test Suite Structure and Test Purposes (TSS&TP) for SIP.

3 Definitions

None.

4 Abbreviations and acronyms

This Recommendation uses the following abbreviations and acronyms:

IMS IP Multimedia Subsystem

SDP Session Description Protocol

SIP Session Initiation Protocol

5 Conventions

None.

6 Endorsement

[ETSI TS 186 001-1].

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