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**ITU-T**

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STANDARDIZATION SECTOR  
OF ITU

**Q.4001.2**

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SERIES Q: SWITCHING AND SIGNALLING

Testing specifications – Testing specifications for SIP-IMS

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**IMS specific use of session initiation protocol  
and session description protocol; Conformance  
testing – Part 2: Test suite structure and test  
purposes**

Recommendation ITU-T Q.4001.2

ITU-T



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## Recommendation ITU-T Q.4001.2

### IMS specific use of session initiation protocol and session description protocol; Conformance testing – Part 2: Test suite structure and test purposes

#### Summary

Recommendation ITU-T Q.4001.2 v.1 (2016) specifies Part 2 of the test suite structure (TSS) and test purposes (TP) 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.4001.2, and that it relates to Release 10 of the relevant 3GPP/ETSI standard.

This Recommendation endorses ETSI TS 102 790-2 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 2: Test Suite Structure (TSS) and Test Purposes (TP)".

#### History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T Q.4001.2 v.1	2016-02-13	11	<a href="http://handle.itu.int/11.1002/1000/12728">11.1002/1000/12728</a>

#### Keywords

IP multimedia subsystem, IMS, network side, session description protocol, SDP session initiation protocol, SIP, , testing, test purposes, TP, test suite structure ,TSS, user side.

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\* 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>.

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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.4001.2

### IMS specific use of session initiation protocol and session description protocol; Conformance testing – Part 2: Test suite structure and test purposes

#### 1 Scope

This Recommendation is part 2 of the testing specifications for basic call on IP multimedia subsystem (IMS) basis. It specifies the test suite structure (TSS) and test purposes (TP) which can be used for testing against Recommendation [ITU-T Q.3403 v.1].

The Recommendation endorses ETSI TS 102 790-2 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 2: Test Suite Structure (TSS) and Test Purposes (TP)".

#### 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 102 790-2 V3.1.1] ETSI TS 102 790-2 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 2: Test Suite Structure (TSS) and Test Purposes (TP).*

#### 3 Definitions

None.

#### 4 Abbreviations and acronyms

This Recommendation uses the following abbreviations and acronyms:

IMS	IP Multimedia Subsystem
IP	Internet protocol
SDP	Session Description Protocol
SIP	Session Initiation Protocol
TP	Test Purposes
TSS	Test Suite Structure

## **5 Conventions**

None.

## **6 Endorsement**

[ETSI TS 102 790-2 V3.1.1].



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