International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.1912.5 B
(10/2008)

SERIES Q: SWITCHING AND SIGNALLING

Specifications of signalling related to Bearer Independent
Call Control (BICC)

**Interworking between session initiation protocol
(SIP) and bearer independent call control
protocol (BICC) or ISDN user part (ISUP):
Protocol implementation conformance
statement (PICS)**

Recommendation ITU-T Q.1912.5 B

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Recommendation ITU-T Q.1912.5 B

Interworking between session initiation protocol (SIP) and bearer independent call control protocol (BICC) or ISDN user part (ISUP): Protocol implementation conformance statement (PICS)

Summary

Recommendation ITU-T Q.1912.5 B specifies the network protocol implementation conformance statement (PICS) proforma for interworking between session initiation protocol (SIP) and bearer independent call control protocol or between SIP and ISDN user part of Recommendation ITU-T Q.1912.5.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

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.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

Compliance with this Recommendation is voluntary. However, the Recommendation may contain certain mandatory provisions (to ensure e.g. interoperability or applicability) and compliance with the Recommendation is achieved when all of these mandatory provisions are met. The words "shall" or some other obligatory language such as "must" and the negative equivalents are used to express requirements. The use of such words does not suggest that compliance with the Recommendation is required of any party.

INTELLECTUAL PROPERTY RIGHTS

ITU draws attention to the possibility that the practice or implementation of this Recommendation may involve the use of a claimed Intellectual Property Right. ITU takes no position concerning the evidence, validity or applicability of claimed Intellectual Property Rights, whether asserted by ITU members or others outside of the Recommendation development process.

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/.

Recommendation ITU-T Q.1912.5 B

Interworking between session initiation protocol (SIP) and bearer independent call control protocol (BICC) or ISDN user part (ISUP): Protocol implementation conformance statement (PICS)

1   Scope

This Recommendation specifies the network protocol implementation conformance statement (PICS) proforma for interworking between session initiation protocol (SIP) and bearer independent call control protocol (BICC) or between SIP and ISDN user part (ISUP) of [ITU-T Q.1912.5].

Other Recommendations of the ITU-T Q.1912.5 family specify the test suite structure and test purposes (TSS&TP) for profiles A, B and C, and the abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) proforma for profiles A and B.

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.1912.5]   Recommendation ITU-T Q.1912.5 (2004), *Interworking between Session Initiation Protocol (SIP) and Bearer Independent Call Control Protocol or ISDN User Part.*

[ETSI TS 186 002-1] ETSI TS 186 002-1 V1.1.4 (2008), *Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Interworking between Session Initiation Protocol (SIP) and Bearer Independent Call Control Protocol (BICC) or ISDN User Part (ISUP); Part 1: Protocol Implementation Conformance Statement (PICS).*

3   Endorsement

The text of [ETSI TS 186 002-1] was approved by ITU-T as the basis for Recommendation ITU-T Q.1912.5 B as modified below.

4   Coverage

This Recommendation covers [ITU-T Q.1912.5].

5   Modifications

5.1   General

Reference ETSI EN 383 001 in [ETSI TS 186 002-1] should be replaced by [ITU-T Q.1912.5].

Page 4, Intellectual Property Rights

Delete the whole section.

Page 4, Foreword

Delete the whole section.

Page 5, Scope

Replace the whole clause with the following:

"1 Scope

See clause 1, Scope, of Recommendation ITU-T Q.1912.5 B."

Page 22, History

Delete the whole section.

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