International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.3304.1
Corrigendum 1
(07/2014)

SERIES Q: SWITCHING AND SIGNALLING

Signalling requirements and protocols for the NGN – Resource control protocols

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Resource control protocol No. 4 (rcp4) – Protocols at the Rc interface between a transport resource control physical entity and a transport physical entity: COPS alternative

Corrigendum 1: Corrections to Annex A

Recommendation ITU-T Q.3304.1 (2012) – Corrigendum 1

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ITU-T Q-SERIES RECOMMENDATIONS

SWITCHING AND SIGNALLING

SIGNALLING IN THE INTERNATIONAL MANUAL SERVICE	Q.1–Q.3
INTERNATIONAL AUTOMATIC AND SEMI-AUTOMATIC WORKING	Q.4–Q.59
FUNCTIONS AND INFORMATION FLOWS FOR SERVICES IN THE ISDN	Q.60–Q.99
CLAUSES APPLICABLE TO ITU-T STANDARD SYSTEMS	Q.100–Q.119
SPECIFICATIONS OF SIGNALLING SYSTEMS No. 4, 5, 6, R1 AND R2	Q.120–Q.499
DIGITAL EXCHANGES	Q.500–Q.599
INTERWORKING OF SIGNALLING SYSTEMS	Q.600–Q.699
SPECIFICATIONS OF SIGNALLING SYSTEM No. 7	Q.700–Q.799
Q3 INTERFACE	Q.800–Q.849
DIGITAL SUBSCRIBER SIGNALLING SYSTEM No. 1	Q.850–Q.999
PUBLIC LAND MOBILE NETWORK	Q.1000–Q.1099
INTERWORKING WITH SATELLITE MOBILE SYSTEMS	Q.1100–Q.1199
INTELLIGENT NETWORK	Q.1200–Q.1699
SIGNALLING REQUIREMENTS AND PROTOCOLS FOR IMT-2000	Q.1700–Q.1799
SPECIFICATIONS OF SIGNALLING RELATED TO BEARER INDEPENDENT CALL CONTROL (BICC)	Q.1900–Q.1999
BROADBAND ISDN	Q.2000–Q.2999
SIGNALLING REQUIREMENTS AND PROTOCOLS FOR THE NGN	Q.3000–Q.3999
General	Q.3000–Q.3029
Network signalling and control functional architecture	Q.3030–Q.3099
Network data organization within the NGN	Q.3100–Q.3129
Bearer control signalling	Q.3130–Q.3179
Signalling and control requirements and protocols to support attachment in NGN environments	Q.3200–Q.3249
Resource control protocols	**Q.3300–Q.3369**
Service and session control protocols	Q.3400–Q.3499
Service and session control protocols – supplementary services	Q.3600–Q.3649
NGN applications	Q.3700–Q.3849
Testing for next generation networks	Q.3900–Q.3999

For further details, please refer to the list of ITU-T Recommendations.

Recommendation ITU-T Q.3304.1

Resource control protocol No. 4 (rcp4) – Protocols at the Rc interface between a transport resource control physical entity and a transport physical entity: COPS alternative

Corrigendum 1

Corrections to Annex A

Summary

Corrigendum 1 to Recommendation ITU-T Q.3304.1v2 introduces editorial corrections to Annex A, especially to the notation that had been initially used for OIDs.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T Q.3304.1	2007-10-29	11	11.1002/1000/9246
2.0	ITU-T Q.3304.1 v2	2012-06-15	11	11.1002/1000/11567
2.1	ITU-T Q.3304.1 v2 (2012) Cor. 1	2014-07-16	11	11.1002/1000/12214

* 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

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.

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Recommendation ITU-T Q.3304.1

Resource control protocol No. 4 (rcp4) – Protocols at the Rc interface between a transport resource control physical entity and a transport physical entity: COPS alternative

Corrigendum 1

Corrections to Annex A

1) Modify Annex A as shown below.

Modifications introduced by this corrigendum are shown in revision marks. Unchanged text is replaced by ellipsis (…). Some parts of unchanged text (clause numbers, etc.) may be kept to indicate the correct insertion points.

Annex A

Policy information base

(This annex forms an integral part of this Recommendation.)

A.1 Static description of the PIB

…

A.2 Usage

…

A.3 Rc Policy Information Base

```
ITUT-RcPIB  PIB-DEFINITIONS ::= BEGIN
   IMPORTS
       Unsigned32, Integer32, MODULE-IDENTITY,
       MODULE-COMPLIANCE, OBJECT-TYPE, OBJECT-GROUP
               FROM COPS-PR-SPPI            -- Defined in [IETF RFC 3159]
       InstanceId, Prid
               FROM COPS-PR-SPPI-TC         -- Defined in [IETF RFC 3159]
       zeroDotZero               FROM SNMPv2-SMI  -- [IETF RFC 2578]
       InetAddress, InetAddressType,
       InetAddressPrefixLength
               FROM INET-ADDRESS-MIB;       -- Defined in [IETF RFC 4001]
iTUT-RcPIBib MODULE-IDENTITY
       SUBJECT-CATEGORIES   { ITUT-Rc(0x800D) } -- ITU-T Rc COPS Client Type
       LAST-UPDATED "200709170000Z"
       ORGANIZATION "ITU-T Study Group 11"
       CONTACT-INFO
                    "XUE LiLi
                     Huawei Technology Co. Ltd.
                     E-mail: xuelili@huawei.com"
       DESCRIPTION
               "A PIB module containing the set of provisioning
               classes that are required for support of policies for
```

```
                Rc Cops interface"
        REVISION "201206150000Z"
        DESCRIPTION
                "The Rc PIB for Rec. Q.3304.1 version 2"
        ::= {0.0.17.3304.127.1.2.1}
            itu-t(0) recommendation(0) q(17) q3304(3304) hyphen(127) <...>(1)
            pib(2) version2(1)}
rcResourceInfoClasses           OBJECT IDENTIFIER ::= { iTUT-RcPIB 1}
rcServiceEventClasses           OBJECT IDENTIFIER ::= { iTUT-RcPIB 2}
rcServiceReportClasses          OBJECT IDENTIFIER ::= { rcServiceEventClasses 1}
-------------------------------------------------------
--  RcMPLSLabelTable Table
--  Lsp Label PRC
   rcMPLSLabelTable OBJECT-TYPE
       SYNTAX         SEQUENCE OF RcMPLSLabelEntry
       PIB-ACCESS     install
       STATUS         current
       DESCRIPTION
           "This table represents the Rc label."
       ::= { rcResourceInfoClasses 1 }
   rcMPLSLabelEntry OBJECT-TYPE
       SYNTAX         RcMPLSLabelEntry
       STATUS         current
       DESCRIPTION
           "LSP"
       PIB-INDEX { rcMPLSLabelPrid }
       UNIQUENESS { }
       ::= { rcMPLSLabelTable 1 }
   RcMPLSLabelEntry ::= SEQUENCE {
           rcMPLSLabelPrid                         InstanceId,
           rcMPLSLabelValue                        Unsigned32,
           rcMPLSLabelNext                         Prid
   }
   rcMPLSLabelPrid OBJECT-TYPE
       SYNTAX         InstanceId
       STATUS         current
       DESCRIPTION
           "An arbitrary integer index that uniquely identifies an
           instance of the RcMPLSLabel class."
       ::= { rcMPLSLabelEntry 1 }
   rcMPLSLabelValue OBJECT-TYPE
       SYNTAX         Unsigned32
       STATUS         current
       DESCRIPTION
           "The label value for this path"
       ::= { rcMPLSLabelEntry 2 }
    rcMPLSLabelNext OBJECT-TYPE
       SYNTAX         Prid
       STATUS         current
       DESCRIPTION
           "References the next of a list RcMPLSLabel instance.
A value of zeroDotZero indicates end of the list. "
       DEFVAL  { zeroDotZero }
       ::= { rcMPLSLabelEntry 3 }
-------------------------------------------------------------
-- This table is used for MPLS query or report
--

...
```

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Series D	General tariff principles
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Series F	Non-telephone telecommunication services
Series G	Transmission systems and media, digital systems and networks
Series H	Audiovisual and multimedia systems
Series I	Integrated services digital network
Series J	Cable networks and transmission of television, sound programme and other multimedia signals
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Series L	Construction, installation and protection of cables and other elements of outside plant
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Series N	Maintenance: international sound programme and television transmission circuits
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