International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.519

Corrigendum 3

(04/2012)

SERIES X: DATA NETWORKS, OPEN SYSTEM COMMUNICATIONS AND SECURITY

Directory

Information technology – Open Systems Interconnection – The Directory: Protocol specifications

Technical Corrigendum 3

Recommendation ITU-T X.519 (2005) – Technical Corrigendum 3

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

INTERNATIONAL STANDARD ISO/IEC 9594-5
RECOMMENDATION ITU-T X.519

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History

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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.

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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/.

INTERNATIONAL STANDARD

RECOMMENDATION ITU-T

Information technology – Open Systems Interconnection – The Directory: Protocol specifications

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(covering resolution to defect reports 354, 355, 356, 358)

1) Correction of the defects reported in defect report 354

Update the `ABRT-apdu` *data type in clause 7.6.7.1and Annex B as shown:*

```
ABRT-apdu ::= [APPLICATION 4] IMPLICIT SEQUENCE {
  abort-source  [0]  IMPLICIT ABRT-source }
```

2) Correction of the defects reported in defect report 355

Update Annex B as shown:

```
Association-informationBind{APPLICATION-CONTEXT:Protocols} ::= SEQUENCE SIZE (1) OF
                      EXTERNAL (WITH COMPONENTS {
  identification          (WITH COMPONENTS {..., syntax ABSENT }),
  data-value-descriptor   ABSENT,
  data-value              (CONTAINING TheOsiBind{{Protocols}})})

Association-informationBindRes{APPLICATION-CONTEXT:Protocols} ::= SEQUENCE SIZE (1) OF
                      EXTERNAL( WITH COMPONENTS {
  identification          (WITH COMPONENTS {..., syntax ABSENT }),
  data-value-descriptor   ABSENT,
  data-value              (CONTAINING TheOsiBindRes{{Protocols}} ) })

Association-informationBindErr{APPLICATION-CONTEXT:Protocols} ::= SEQUENCE SIZE (1) OF
                      EXTERNAL ( WITH COMPONENTS {
  identification          (WITH COMPONENTS {..., syntax ABSENT}),
  data-value-descriptor   ABSENT,
  data-value              (CONTAINING TheOsiBindErr{{Protocols}}) })
```

3) Correction of the defects reported in defect report 356

Update Annex D as shown:

```
IdmResult{OPERATION:Operations} ::= SEQUENCE {
  invokeID  ~~InvokeId~~INTEGER,
  opcode    OPERATION.&operationCode({Operations}),
  result    OPERATION.&ResultType({Operations}{@opcode})}
```

Delete `invokeID` *from the* `IMPORT`.

4) Correction of the defects reported in defect report 358

Add the following term to clause 3.2:

b) *performer*.

and renumber subsequent entries accordingly.

Update the third paragraph of clause 7.6.6.2 to say:

"The **opcode** component shall hold the operation code for the particular type of operation. If an unknown operation code is specified and if the receiver is a performer, the receiver shall issue an **OSIReject** with an **InvokeProblem** set to **unrecognizedOperation**. If the receiver is a chaining-only DSA, the procedure in 12.2.3 shall be followed.

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