International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.520

Corrigendum 2

(04/2012)

SERIES X: DATA NETWORKS, OPEN SYSTEM COMMUNICATIONS AND SECURITY

Directory

Information technology – Open Systems Interconnection – The Directory: Selected attribute types

Technical Corrigendum 2

Recommendation ITU-T X.520 (2008) – Technical Corrigendum 2

ITU-T

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INTERNATIONAL STANDARD ISO/IEC 9594-6
RECOMMENDATION ITU-T X.520

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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: Selected attribute types

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(covering resolution to defect report 335 and 349)

1) Correction of the defects reported in defect report 335

Delete the last paragraph of clause 6 saying "Some implementations of ...".

In clause 6, renumber the note as Note 1 and add a second note saying:

NOTE 2 – The use of `TeletexString` is deprecated.

Delete the second paragraph of clause 7.1

2) Correction of the defects reported in defect report 349

Replace clause 6.12.2 with the following:

The *UII Format* attribute type specifies how a UII bit string is partitioned into components. The type of UII is determined by the value held in the attribute of type **`tagOid`**.

```
uiiFormat  ATTRIBUTE  ::=  {
  WITH SYNTAX     UiiFormat
  SINGLE VALUE    TRUE
  ID              id-at-uiiFormat }

UiiFormat  ::=  SEQUENCE {
  components   SEQUENCE SIZE (1..MAX) OF INTEGER,
  urnPrefix    UTF8String OPTIONAL }
```

The **`components`** component is a list of integers. The first integer gives the length in bits of the component specified by the most significant bits of an UII of this type. The second integer gives the length in bits of the following component, etc. In the extreme case where there is no internal structure of the UII type, only one integer shall be present and shall hold the length in bits of the entire UII of this type.

The DUA may elect to translate a UII into a URN based on this information. How this translation is performed is application dependent.

To make the URN globally unique, the string in the **`urnPrefix`**, if present, may be used to prefix the result. If an object identifier is associated with a UII to make it globally unique, the prefix may be a URN representation of that object identifier.

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