INTERNATIONAL TELECOMMUNICATION UNION

ITU-T X.520

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Corrigendum 3

(04/2002)

SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS

Directory

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

Technical Corrigendum 3

ITU-T Recommendation X.520 (1997) – Corrigendum 3

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

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

Technical Corrigendum 3

Source

Corrigendum 3 to ITU-T Recommendation X.520 (1997) was prepared by ITU-T Study Group 17 (2001-2004) and approved on 13 April 2002. An identical text is also published as Technical Corrigendum 3 to ISO/IEC 9594-6.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. 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.

INTELLECTUAL PROPERTY RIGHTS

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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, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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(Covering resolutions to defect reports 287 and 288)

1) This corrects the defects reported in defect report 287

In subclause 6.2.4 add the following sentence to the end of the last paragraph:

If the attribute syntax is defined with a NamedBitList, trailing zero bits in the attribute value and presented value are ignored.

2) This corrects the defects reported in defect report 288

In subclause 5.7.4 insert the following ASN.1 before the **ID** *element in the* **ATTRIBUTE** *definition.*

```
EQUALITY MATCHING RULE          facsimileNumberMatch
SUBSTRINGS MATCHING RULE        facsimileNumberSubstringsMatch
```

Modify subclause 6.2.8 to replace the two instances of **PrintableString** *with* **TelephoneNumber**.

Add the following subclauses. Add the ASN.1 definitions to Annex A.

6.2.13 Facsimile Number Match

The *Facsimile Number Match* rule compares for equality a presented value with the first element of the attribute value sequence. That element, **telephoneNumber,** is of type **TelephoneNumber** and is a telephone number. The **parameters** element of the facsimile number sequence is not evaluated.

```
facsimileNumberMatch  MATCHING-RULE  ::=  {
    SYNTAX      TelephoneNumber
    ID          id-mr-facsimileNumberMatch }
```

The rules for matching are identical to those for **telephoneNumberMatch**.

6.2.14 Facsimile Number Substrings Match

The *Facsimile Number Substrings Match* rule determines if a presented substring is a substring of the first element of the attribute value sequence. That element, **telephoneNumber,** is of type **TelephoneNumber** and is a telephone number. The **parameters** element of the facsimile number sequence is not evaluated.

```
facsimileNumberSubstringsMatch  MATCHING-RULE  ::=  {
    SYNTAX    SubstringAssertion
    ID        id-mr-facsimileNumberSubstringsMatch }
```

The rules for matching are identical to those for **telephoneNumberMatch**.

Add the following ASN.1 definitions to Annex A:

```
id-mr-facsimileNumberMatch                OBJECT IDENTIFIER  ::=  {id-mr 63}
id-mr-facsimileNumberSubstringsMatch      OBJECT IDENTIFIER  ::=  {id-mr 64}
```

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