INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.520
Corrigendum 2
(02/2001)

SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS

Directory

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

Technical Corrigendum 2

ITU-T Recommendation X.520 (1997) – Corrigendum 2

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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 2

Source

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.

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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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INTERNATIONAL STANDARD
ITU-T RECOMMENDATION

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

TECHNICAL CORRIGENDUM 2

NOTE – This Technical corrigendum covers the result of the ballot resolutions of Draft Technical Corrigenda 2 and 3.

1) Defect reports covered by Draft Technical Corrigendum 2

(Covering resolutions to defect reports 228, 237, 238 and 241)

1.1) This corrects the defects reported in defect report 9594/228

In Annex C, add **ub-privacy-mark-length   INTEGER   ::=   128**

1.2) This corrects the defects reported in defect report 9594/237

In 5.2.1:

Replace the attribute definition with:

```
name ATTRIBUTE ::=  {
    WITH SYNTAX                    DirectoryString {ub-name}
    EQUALITY MATCHING RULE         caseIgnoreMatch
    SUBSTRINGS MATCHING RULE       caseIgnoreSubstringsMatch
    ID                             id-at-name }
```

In 5.2.9:

Change the upper bound to **ub-serial-number** *and the object identifier to* **id-at-serialNumber**.

In 7.3:

Change **localeContextSyntax** *to* **LocaleContextSyntax** *in two places and remove the spaces between* "**::**" *and* **=**.

Add **{ub-locale-context-syntax}** *after* **DirectoryString**

Introduce the same changes to Annex A.

In Annex C, add **ub-locale-context-syntax   INTEGER   ::=   128** *to the end of the list.*

In Annex A:

Remove **TeletexNonBasicParameters** *from the import from* **MTSAbstractService**.

Remove one occurrence of **ub-name** *from the import from* **UpperBounds**.

Add **CONTEXT** *to the import from* **InformationFramework**.

In the **FacsimileTelephoneNumber** *type definition, add a comma after* **TelephoneNumber**.

In the **x121Address** *attribute type definition, replace* **X.121Address** *with* **X121Address**.

In **X121Address ::= NumericString (SIZE(1 ub-x121-address))** *change the two spaces in the size specification to points, i.e.* **SIZE(1..ub-x121-address)**.

Add a right curly parenthesis at the end of the **languageContext** *context definition.*

Add a right curly parenthesis in the **Period** *type as shown:*

> **bitDay   BIT STRING { sunday (0), monday (1), tuesday (2),**
> **wednesday (3), thursday (4), friday (5), saturday (6) },**

In the **NamedDay** *type, replace* **ENUMARATED** *with* **ENUMERATED**.

Add two hypens to the start of the second line of:
-- id-at-encryptedTeletexTerminalIdentifier

Add two hypens to the start of both lines of:
-- id-at-encryptedCollectiveTeletexTerminalIdentifier

In Annex C:

Change the last component of the object identifier for the module from **2** *to* **3**

Change the last occurrence **ub-name** *to* **ub-surname**.

1.3)   This corrects the defects reported in defect report 9594/238

In 6.1.1, change in the first paragraph from:

attribute value of type **PrintableString**, **NumericString**, **TeletexString**, **BMPString**, **UniversalString**, or **DirectoryString**

to:

attribute value of type **DirectoryString** and each data type appearing in the choice type **DirectoryString**, e.g. **UTF8String**.

In 6.1.2 through 6.1.6, in the first paragraph change from:

attribute value whose type is one of the ones listed in 6.1.1

to:

attribute value of type **DirectoryString** and each data type appearing in the choice type **DirectoryString**, e.g. **UTF8String**.

1.4)   This corrects the defects reported in defect report 9594/241

In 5.2.9, replace "of a device" *with* "of an object".

2)   Defect reports covered by Draft Technical Corrigendum 3

(Covering resolutions to defect report 270)

2.1)   This corrects the defects reported in defect report 9594/270

In 5.8.1, replace **preferredDeliveryMethod** *attribute type with:*

```
preferredDeliveryMethod  ATTRIBUTE ::= {
        WITH SYNTAX        PreferredDeliveryMethod
        SINGLE VALUE       TRUE
        ID                 id-at-preferredDeliveryMethod }

PreferredDeliveryMethod ::= SEQUENCE OF INTEGER {
            any-delivery-method    (0),
            mhs-delivery           (1),
            physical-delivery      (2),
            telex-delivery         (3),
            teletex-delivery       (4),
            g3-facsimile-delivery  (5),
            g4-facsimile-delivery  (6),
            ia5-terminal-delivery  (7),
            videotex-delivery      (8),
            telephone-delivery     (9) }
```

In 6.1.10, replace **caseIgnoreListMatch** *matching rule with:*

```
        caseIgnoreListMatch  MATCHING-RULE ::= {
            SYNTAX      CaseIgnoreList
            ID          id-mr-caseIgnoreListMatch }

        CaseIgnoreList ::= SEQUENCE OF DirectoryString {ub-match}
```

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