

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.511

Corrigendum 1
(05/2005)

SERIES X: DATA NETWORKS, OPEN SYSTEM
COMMUNICATIONS AND SECURITY

Directory

Information technology – Open Systems
Interconnection – The Directory: Abstract service
definition

Technical Corrigendum 1

ITU-T Recommendation X.511 (2001) – Technical
Corrigendum 1

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**Information technology – Open Systems Interconnection –
The Directory: Abstract service definition**

Technical Corrigendum 1

Source

Corrigendum 1 to ITU-T Recommendation X.511 (2001) was approved on 14 May 2005 by ITU-T Study Group 17 (2005-2008) under the ITU-T Recommendation A.8 procedure. An identical text is also published as Technical Corrigendum 1 to ISO/IEC 9594-3.

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.

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, 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 308 and 309)***1) Correction of the defects reported in defect report 308***In subclause 8.1.1, change the SimpleCredential data type from:*

```
SimpleCredentials ::= SEQUENCE {
    name          [0]  DistinguishedName,
    validity       [1]  SET {
        time1      [0]  CHOICE {
            utc      UTCTime,
            gt       GeneralizedTime } OPTIONAL,
        time2      [1]  CHOICE {
            utc      UTCTime,
            gt       GeneralizedTime } OPTIONAL,
        random1    [2]  BIT STRING OPTIONAL,
        random2    [3]  BIT STRING OPTIONAL },
    password       [2]  CHOICE {
        unprotected OCTET STRING,
        protected   SIGNATURE {OCTET STRING} } OPTIONAL}

```

to:

```
SimpleCredentials ::= SEQUENCE {
    name          [0]  DistinguishedName,
    validity       [1]  SET {
        time1      [0]  CHOICE {
            utc      UTCTime,
            gt       GeneralizedTime } OPTIONAL,
        time2      [1]  CHOICE {
            utc      UTCTime,
            gt       GeneralizedTime } OPTIONAL,
        random1    [2]  BIT STRING OPTIONAL,
        random2    [3]  BIT STRING OPTIONAL } OPTIONAL,
    password       [2]  CHOICE {
        unprotected OCTET STRING,
        protected   SIGNATURE {OCTET STRING} } OPTIONAL}

```

2) Correction of the defects reported in defect report 309*In subclause 7.3.1, insert the following paragraph following the first paragraph:*

This Directory Specification does not establish rules regarding the order in which a performing DSA is to decode and process PDUs that it receives. A DSA that receives an unknown critical extension shall return an **unavailableCriticalExtension ServiceProblem** to signal that the operation failed.

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