

I n t e r n a t i o n a l   T e l e c o m m u n i c a t i o n   U n i o n

# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

# X.511

**Corrigendum 3**  
(05/2008)

SERIES X: DATA NETWORKS, OPEN SYSTEM  
COMMUNICATIONS AND SECURITY

Directory

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

**Technical Corrigendum 3**

Recommendation ITU-T X.511 (2001) – Technical  
Corrigendum 3



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

**Technical Corrigendum 3**

**Source**

Corrigendum 3 to Recommendation ITU-T X.511 (2001) was approved on 29 May 2008 by ITU-T Study Group 17 (2005-2008) under the Recommendation ITU-T A.8 procedure. An identical text is also published as Technical Corrigendum 3 to ISO/IEC 9594-3.

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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.

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INTERNATIONAL STANDARD  
ITU-T RECOMMENDATIONInformation technology – Open Systems Interconnection –  
The Directory: Abstract service definition

## Technical Corrigendum 3

*(Covering resolution to defect reports 316, 321, 323 and 324)***1) Correction of the defects reported in defect report 316***a) In subclause 10.1.3, change 12.5.2.4 to 12.2.4.**b) In clause 13, item a) change:**(see 16.11 of ITU-T Rec. X.501 | ISO/IEC 9594-2)**to:**(see 16.12 of ITU-T Rec. X.501 | ISO/IEC 9594-2)**c) In Figure B.4, the Read operation decision block should have a "NO" indication downward and a "YES" indication to the right (toward Name Error).***2) Correction of the defects reported in defect report 321***a) In 8.1.1 and Annex A, change the data type **directoryBindError** as shown:*

```

directoryBindError ERROR ::= {
    PARAMETER      OPTIONALLY-PROTECTED {
        SET {
            versions      [0]  Versions DEFAULT {v1},
            error          CHOICE {
                serviceError [1]  ServiceProblem,
                securityError [2]  SecurityProblem },
            securityParameters [30] SecurityParameters OPTIONAL } } }

```

*b) Add the following sentence at the end of the first paragraph of 8.1.4:*

If the Bind request was either using strong authentication or SPKM credentials are supplied, then the Bind responder may sign the error parameters.

*c) Add a new paragraph to the end of 8.1.4:*

The **SecurityParameters** components (see 7.10) shall be included if the error is to be signed.

**3) Correction of the defects reported in defect report 323***a) In 7.3.1, change NOTE 2 in Table 1 as follows:*

NOTE 2 – Use of ~~encrypted or signed and encrypted security transformation or any protection~~ of ~~n~~ errors ~~or results~~ to Add Entry, Remove Entry, Modify Entry, Modify DN requires version 2 or higher of the protocol.

*b) In 8.1.1, 9.1.1, 9.2.1, 9.3, 10.1.1, 10.2.1, 11.1.1, 11.2.1 12.2, 12.3, 12.4, 12.5, 12.6, 12.7, 12.8 and 12.9 delete in the first paragraph:*

, encrypted, or signed and encrypted

, encrypt, or sign and encrypt

*c) In 9.1.2 delete in the third paragraph:*

, encrypted, or signed and encrypted

- d) *In 9.1.3, 9.2.2, 9.2.3, 10.1.2, 10.1.3, 10.2.2, 10.2.3, 11.1.2, 11.4.2 and 12.2 delete in the last paragraph:*  
, encrypted, or signed and encrypted
- e) *In 9.3 delete in the fourth to the last paragraph:*  
, encrypted, or signed and encrypted
- f) *In 11.1.3 and 11.4.3 delete:*  
, encrypted, or signed and encrypted
- g) *In 11.2.2 delete in the second paragraph:*  
, encrypted, or signed and encrypted
- h) *In 11.2.3 delete in the first paragraph:*  
, encrypted, or signed and encrypted
- i) *In 11.3.1 delete in the second paragraph (after the letter-numbered list):*  
, encrypted, or signed and encrypted  
, encrypt, or sign and encrypt
- j) *In 11.3.2 delete in the third paragraph after the letter-numbered list:*  
, encrypted, or signed and encrypted
- k) *In 11.3.3 delete four times:*  
, encrypted, or signed and encrypted
- l) *In 11.4.1 delete in the third paragraph:*  
, encrypted, or signed and encrypted  
, encrypt, or sign and encrypt
- m) *In 12.3, 12.4, 12.5, 12.6, 12.7, 12.8 and 12.9 delete in the second to the last paragraph:*  
, encrypted, or signed and encrypted

#### **4) Correction of the defects reported in defect report 324**

*In 7.3, add the following component to the **CommonArguments** data type:*

**exclusions**      **[22] Exclusions OPTIONAL,**

*Make the same change to Annex A.*



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