

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.518

Corrigendum 1
(05/2008)

SERIES X: DATA NETWORKS, OPEN SYSTEM
COMMUNICATIONS AND SECURITY

Directory

Information technology – Open Systems
Interconnection – The Directory: Procedures for
distributed operation

Technical Corrigendum 1

Recommendation ITU-T X.518 (2005) – Technical
Corrigendum 1

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**Information technology – Open Systems Interconnection –
The Directory: Procedures for distributed operation**

Technical Corrigendum 1

Source

Corrigendum 1 to Recommendation ITU-T X.518 (2005) 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 1 to ISO/IEC 9594-4.

FOREWORD

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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.

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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INTERNATIONAL STANDARD
RECOMMENDATION ITU-TInformation technology – Open Systems Interconnection –
The Directory: Procedures for distributed operation

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*(Covering resolution to defect reports 318 and 319)***1) Correction of the defects reported in defect report 318***Add a Note after the third paragraph of clause 20 of Rec. ITU-T X.518 | ISO/IEC 9594-4:*

NOTE – Some continuation references may be unusable if the **AccessPoint** contains a **PresentationAddress** where all the NSAP addresses have an unknown structure (see 12.3 of Rec. ITU-T X.519 | ISO/IEC 9594-5).

2) Correction of the defects reported in defect report 319*a) Update last paragraph of 16.1.3 as shown:*

The DSA may optionally sign, ~~encrypt, or sign and encrypt~~ the errors returned in a distributed operation based on ~~the selected DirQOP and~~ error protection requested.

b) Update 17.3.2 as shown:

If the argument to the operation is signed, ~~encrypted, or signed and encrypted~~, the signature may be checked. Should the signature be invalid ~~or the decryption fail~~, or be absent in a case when it should be present, an error may be returned to the requester. Alternatively, a DSA may perform any other locally defined action.

c) Update 17.3.3.1 item j) as shown:

- j) **ChainingArguments.SecurityParameters.ProtectionRequest** is used to indicate the level of protection (~~no signing, encrypt, or signing and encrypt~~) to be applied to the results.

d) Update items i) and ii) of 19.3.2.2.1 item 6) as shown:

- i) If the result is signed, ~~encrypted, or signed and encrypted~~, add it to **uncorrelatedSearchInfo** in **SearchResult**.
- ii) If the result is not signed, ~~encrypted, or signed and encrypted~~, perform the join process as specified in ITU-T Rec. X.511 | ISO/IEC 9594-3.

e) Update items i) and ii) of 19.3.2.2.7 item 8) as shown:

- i) If the result is signed, ~~encrypted, or signed and encrypted~~, add it to **uncorrelatedSearchInfo** in **SearchResult**.
- ii) If the result is not signed, ~~encrypted, or signed and encrypted~~, add it to **searchInfo** in **SearchResult**.

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