International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.518

Corrigendum 2

(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 2

Recommendation ITU-T X.518 (2001) – Technical Corrigendum 2

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INTERNATIONAL STANDARD ISO/IEC 9594-4
RECOMMENDATION ITU-T X.518

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

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Source

Corrigendum 2 to Recommendation ITU-T X.518 (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 2 to ISO/IEC 9594-4.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). 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, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at http://www.itu.int/ITU-T/ipr/.

INTERNATIONAL STANDARD
RECOMMENDATION ITU-T

Information 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 the 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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