INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.509

Corrigendum 5

(02/2003)

SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS

Directory

Information technology – Open Systems Interconnection – The Directory: Authentication framework

Technical Corrigendum 5

ITU-T Recommendation X.509 (1997) – Corrigendum 5

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INTERNATIONAL STANDARD ISO/IEC 9594-8
ITU-T RECOMMENDATION X.509

Information technology – Open Systems Interconnection – The Directory: Authentication framework

Technical Corrigendum 5

Source

Corrigendum 5 to ITU-T Recommendation X.509 (1997) was prepared by ITU-T Study Group 17 (2001-2004) and approved on 13 February 2003. An identical text is also published as Technical Corrigendum 5 to ISO/IEC 9594-8.

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.

INTELLECTUAL PROPERTY RIGHTS

ITU draws attention to the possibility that the practice or implementation of this Recommendation may involve the use of a claimed Intellectual Property Right. ITU takes no position concerning the evidence, validity or applicability of claimed Intellectual Property Rights, whether asserted by ITU members or others outside of the Recommendation development process.

As of the date of approval of this Recommendation, ITU had 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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From draft Technical Corrigendum 12

(covering resolutions to defect reports 291, 297 & 298)

1) This corrects the defects reported in defect report 291

Subclause 3.3.3

In the definition of "**user certificate; public key certificate; certificate**", *replace* "unforgeable by encipherment" *with* "unforgeable by digital signature".

Subclause 3.1

Add "digital signature" *to the list of terms defined in CCITT Rec. X.800 and ISO 7498-2 in alphabetical order, and renumber the remaining items in the list.*

2) This corrects the defects reported in defect report 297

Subclause 12.6.1

Delete list item f) "While requirements a) through e) may lead to …".

3) This corrects the defects reported in defect report 298

Subclause 12.6.3.1

Add the following as new text immediately after the first sentence of 12.6.3.1:

If using only partitioned CRLs, the full set of partitioned CRLs shall cover the complete set of certificates whose revocation status will be reported using the CRL mechanism. Thus the complete set of partitioned CRLs shall be equivalent to a full CRL for the same set of certificates, if the CRL issuer was not using partitioned CRLs.

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