



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.750

Corrigendum 1
(02/2000)

SERIES X: DATA NETWORKS AND OPEN SYSTEM
COMMUNICATIONS

OSI management – Management functions and ODMA
functions

Information technology – Open Systems
Interconnection – Systems management:
Management knowledge management function
Technical Corrigendum 1

ITU-T Recommendation X.750 – Corrigendum 1

(Formerly CCITT Recommendation)

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INTERNATIONAL STANDARD 10164-16
ITU-T RECOMMENDATION X.750

**INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –
SYSTEMS MANAGEMENT: MANAGEMENT KNOWLEDGE
MANAGEMENT FUNCTION**

TECHNICAL CORRIGENDUM 1

Summary

This Recommendation | International Standard (1996) defines the Management Knowledge Management Function. The Management knowledge management function is a Systems Management function which may be used by an application process in a centralized or decentralized management environment to interact for the purpose of system management.

This Technical Corrigendum 2 revises the text to include ASN.1:1997 in 2.1 and 2.2.

Source

Corrigendum 1 to ITU-T Recommendation X.750 was prepared by ITU-T Study Group 4 (1997-2000) and approved on 4 February 2000. An identical text is also published as Technical Corrigendum 1 to ISO/IEC 10164-16.

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 Conference (WTSC), 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 WTSC 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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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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INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION – SYSTEMS MANAGEMENT: MANAGEMENT KNOWLEDGE MANAGEMENT FUNCTION

TECHNICAL CORRIGENDUM 1

1) Subclause 2.1

Insert the following references alphanumerically:

- ITU-T Recommendation X.710 (1997) | ISO/IEC 9595:1998, *Information technology – Open Systems Interconnection – Common management information service.*
- ITU-T Recommendation X.711 (1997) | ISO/IEC 9596-1:1998, *Information technology – Open Systems Interconnection – Common management information protocol: Specification.*

2) Subclause 2.2

Remove the following paired references:

- CCITT Recommendation X.208 (1988), *Specification of Abstract Syntax Notation One (ASN.1).*
ISO/IEC 8824:1990, *Information technology – Open Systems Interconnection – Specification of Abstract Syntax Notation One (ASN.1).*
- CCITT Recommendation X.209 (1988), *Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1).*
ISO/IEC 8825:1990, *Information technology – Open Systems Interconnection – Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1).*
- CCITT Recommendation X.710 (1991), *Common management information service definition for CCITT applications.*
ISO/IEC 9595:1991, *Information technology – Open Systems Interconnection – Common management information service definition.*
- CCITT Recommendation X.711 (1991), *Common management information protocol specification for CCITT applications.*
ISO/IEC 9596-1:1991, *Information technology – Open Systems Interconnection – Common management information protocol – Part 1: Specification.*

3) Subclause 13.1

Replace "CCITT Rec. X.209 | ISO/IEC 8825" with "ITU-T Rec. X.690 | ISO/IEC 8825-1".

4) Subclause A.2.4

a) *Remove the following IMPORTS statement:*

RelativeDistinguishedName

FROM InformationFramework {joint-iso-ccitt(2) ds(5) modules(1) informationFramework(1)}

-- NOTE – This Recommendation | International Standard imports

-- RelativeDistinguishedName from CCITT Rec. X.501 (1988) | ISO/IEC 9594-2:1990.

-- The specification for this syntax can now be found in an informative

-- annex of ITU-T Rec. X.711 (1997) | ISO/IEC 9596-1:1998.

b) *In the IMPORTS FROM CMIP-1, insert the following before Scope:*

"RelativeDistinguishedName,"

c) *In the IMPORTS FROM Attribute-ASN1Module, insert the following before NameBinding:*

"DMI-TYPE-IDENTIFIER,"

d) *Remove "GdmoAttributeId ::= OBJECT IDENTIFIER".*

e) *Replace the production for ImplementedValues with the following ASN.1 production:*

"MKMF-VALUES ::= DMI-TYPE-IDENTIFIER

ImplementedValues ::= SET OF SEQUENCE {

attributeId MKMF-VALUES&.id ({ImplementedValuesSet}),

defaultValue [1] EXPLICIT MKMF-VALUES.&Value ({ImplementedValuesSet} {@.attributeId}) OPTIONAL,

initialValue [2] EXPLICIT MKMF-VALUES.&Value ({ImplementedValuesSet} {@.attributeId}) OPTIONAL,

minValue [3] EXPLICIT MKMF-VALUES.&Value ({ImplementedValuesSet} {@.attributeId}) OPTIONAL,

maxValue [4] EXPLICIT MKMF-VALUES.&Value ({ImplementedValuesSet} {@.attributeId}) OPTIONAL

}

ImplementedValuesSet MKMF-VALUES ::= {...}

"

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