



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.744

Corrigendum 2

(02/2000)

SERIES X: DATA NETWORKS AND OPEN SYSTEM
COMMUNICATIONS

OSI management – Management functions and ODMA
functions

Information technology – Open Systems
Interconnection – Systems management:
Software management function

Technical Corrigendum 2

ITU-T Recommendation X.744 – Corrigendum 2

(Formerly CCITT Recommendation)

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INTERNATIONAL STANDARD 10164-18
ITU-T RECOMMENDATION X.744

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

TECHNICAL CORRIGENDUM 2

Summary

This Recommendation | International Standard 1996 includes management of a system for delivery of software and also management of software within a system. This includes both 'dormant' view and 'active' view of software.

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

Source

Corrigendum 2 to ITU-T Recommendation X.744 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 2 to ISO/IEC 10164-18.

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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INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

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

TECHNICAL CORRIGENDUM 2

1) Subclause 2.1

Insert the following references alphanumerically:

- ITU-T Recommendation X.680 (1997) | ISO/IEC 8824-1:1998, *Information technology – Abstract Syntax Notation One (ASN.1): Specification of basic notation.*
- ITU-T Recommendation X.681 (1997) | ISO/IEC 8824-2:1998, *Information technology – Abstract Syntax Notation One (ASN.1): Information object specification.*
- ITU-T Recommendation X.682 (1997) | ISO/IEC 8824-3:1998, *Information technology – Abstract Syntax Notation One (ASN.1): Constraint specification.*
- ITU-T Recommendation X.690 (1997) | ISO/IEC 8825-1:1998, *Information technology – ASN.1 encoding rules: Specification of Basic encoding rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER).*
- ITU-T Recommendation X.710 (1997) | ISO/IEC 9595:1998, *Information technology – Open Systems Interconnection – Common management information service.*

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 specification.*

3) Subclause 8.5.1

Replace the production for ManagementExtension with the following ASN.1 production:

```
"ManagementExtension ::= SEQUENCE {
  identifier    DMI-EXTENSION.&id ({ManagementExtensionSet}),
  significance  [1] BOOLEAN DEFAULT FALSE,
  information   [2] DMI-EXTENSION.&Value ({ManagementExtensionSet} {@.identifier}) }
"
```

4) Subclause 13.1

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

5) Subclause A.8

a) *In the IMPORTS FROM Attribute-ASN1Module, insert the following before Destination:*

"DMI-TYPE-IDENTIFIER,"

b) *Replace the production for TransferInfo with the following ASN.1 production:*

```
"SWMF-TRANSFER ::= DMI-TYPE-IDENTIFIER
TransferInfo ::= SEQUENCE {
  transferProtocol    SWMF-TRANSFER.&id ({TransferInfoSet}),
  protocolSpecificInfo SWMF-TRANSFER.&Value ({TransferInfoSet} {@.transferProtocol}) }
"
```

TransferInfoSet SWMF-TRANSFER ::= {...}

"

c) *Remove "TransferProtocol ::= OBJECT IDENTIFIER".*

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