



INTERNATIONAL TELECOMMUNICATION UNION

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**X.741**

**Corrigendum 2**  
(06/98)

SERIES X: DATA NETWORKS AND OPEN SYSTEM  
COMMUNICATIONS

OSI management – Management functions and ODMA  
functions

---

Information technology – Open Systems  
Interconnection – Systems management:  
Objects and attributes for access control

**Technical corrigendum 2**

ITU-T Recommendation X.741 – Corrigendum 2

(Previously CCITT Recommendation)

---

ITU-T X-SERIES RECOMMENDATIONS

**DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS**

**PUBLIC DATA NETWORKS**

Services and facilities	X.1–X.19
Interfaces	X.20–X.49
Transmission, signalling and switching	X.50–X.89
Network aspects	X.90–X.149
Maintenance	X.150–X.179
Administrative arrangements	X.180–X.199

**OPEN SYSTEMS INTERCONNECTION**

Model and notation	X.200–X.209
Service definitions	X.210–X.219
Connection-mode protocol specifications	X.220–X.229
Connectionless-mode protocol specifications	X.230–X.239
PICS proformas	X.240–X.259
Protocol Identification	X.260–X.269
Security Protocols	X.270–X.279
Layer Managed Objects	X.280–X.289
Conformance testing	X.290–X.299

**INTERWORKING BETWEEN NETWORKS**

General	X.300–X.349
Satellite data transmission systems	X.350–X.399

**MESSAGE HANDLING SYSTEMS**

	X.400–X.499
--	-------------

**DIRECTORY**

	X.500–X.599
--	-------------

**OSI NETWORKING AND SYSTEM ASPECTS**

Networking	X.600–X.629
Efficiency	X.630–X.639
Quality of service	X.640–X.649
Naming, Addressing and Registration	X.650–X.679
Abstract Syntax Notation One (ASN.1)	X.680–X.699

**OSI MANAGEMENT**

Systems Management framework and architecture	X.700–X.709
Management Communication Service and Protocol	X.710–X.719
Structure of Management Information	X.720–X.729

<b>Management functions and ODMA functions</b>	<b>X.730–X.799</b>
--	--------------------

<b>SECURITY</b>	<b>X.800–X.849</b>
-----------------	--------------------

**OSI APPLICATIONS**

Commitment, Concurrency and Recovery	X.850–X.859
Transaction processing	X.860–X.879
Remote operations	X.880–X.899

<b>OPEN DISTRIBUTED PROCESSING</b>	<b>X.900–X.999</b>
------------------------------------	--------------------

*For further details, please refer to ITU-T List of Recommendations.*

**INTERNATIONAL STANDARD 10164-9**

**ITU-T RECOMMENDATION X.741**

**INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –  
SYSTEMS MANAGEMENT: OBJECTS AND ATTRIBUTES  
FOR ACCESS CONTROL**

**TECHNICAL CORRIGENDUM 2**

**Source**

The ITU-T Recommendation X.741, corrigendum 2 was approved on the 26th of June 1998. The identical text is also published as ISO/IEC International Standard 10164-9.

## FOREWORD

ITU (International Telecommunication Union) is the United Nations Specialized Agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the ITU. The 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 their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 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

The ITU draws attention to the possibility that the practice or implementation of this Recommendation may involve the use of a claimed Intellectual Property Right. The 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, the 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.

© ITU 1998

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the ITU.

## CONTENTS

	<i>Page</i>
1) Subclause A.2.3.....	1
2) Subclause A.2.4.....	1
3) Subclause A.2.5.....	1
4) Subclause A.2.11.....	1
5) Subclause A.2.14.....	1
6) Subclause A.4.1.....	2
7) Subclause A.5.1.....	2
8) Subclause A.5.2.....	2
9) Subclause A.5.3.....	2
10) Subclause A.5.4.....	2
11) Subclause A.5.6.....	2
12) Subclause A.5.7.....	2
13) Subclause A.5.8.....	2
14) Subclause A.5.9.....	2
15) Subclause A.5.10.....	2
16) Subclause A.5.11.....	2
17) Subclause A.5.12.....	2
18) Subclause A.5.14.....	3
19) Subclause A.5.17.....	3
20) Subclause A.5.18.....	3
21) Subclause A.5.20.....	3
22) Subclause A.5.21.....	3
23) Subclause A.5.22.....	3
24) Subclause A.5.24.....	3
25) Subclause A.5.25.....	3
26) Subclause A.5.26.....	3
27) Subclause A.6.....	3



INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –  
SYSTEMS MANAGEMENT: OBJECTS AND ATTRIBUTES  
FOR ACCESS CONTROL

TECHNICAL CORRIGENDUM 2

1) Subclause A.2.3

*Replace AccessControl-ASN1Module.denyAccess with AccessControl-ASN1Module.deny*

*Remove the PRESENT IF (formatted in White and hence not visible on the paper copy) from the CONDITIONAL PACKAGE specifications for duration, dailyScheduling, weeklyScheduling and externalScheduler*

*In the authenticationContextPackage replace*

**REGISTERED AS { joint-iso-ccitt(2) ms(9) function(2) part9(9) package(4) (2) }; with**

**REGISTERED AS { joint-iso-ccitt(2) ms(9) function(2) part9(9) package(4) authenticationContextPackage(2) };**

2) Subclause A.2.4

*At end of accessControlNotificationEmitterPkg replace ;;; with ;;;;*

3) Subclause A.2.5

*In the operationsListPackage ATTRIBUTES operationsList*

*replace ADD-REMOVE;; with ADD-REMOVE;*

*In the operationsListPackage REGISTERED AS*

*replace (15)} with (15));*

*In the operationsListPackage PRESENT IF*

*replace object ! with object!;*

4) Subclause A.2.11

*Replace DERIVED FROM top with DERIVED FROM "CCITT Rec. X.721 | ISO/IEC 10165-2:1992":top*

5) Subclause A.2.14

*Remove the tab character between CHARAC and TERIZED*

**6) Subclause A.4.1**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**7) Subclause A.5.1**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**8) Subclause A.5.2**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**9) Subclause A.5.3**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**10) Subclause A.5.4**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

*Replace PARAMETERS invalidAccesscontrolFilter with PARAMETERS invalidAccessControlFilter*

**11) Subclause A.5.6**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**12) Subclause A.5.7**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**13) Subclause A.5.8**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**14) Subclause A.5.9**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**15) Subclause A.5.10**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**16) Subclause A.5.11**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**17) Subclause A.5.12**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*



**18) Subclause A.5.14**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**19) Subclause A.5.17**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**20) Subclause A.5.18**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

*Replace EQUALITY SET-COMPARISON with EQUALITY, SET-COMPARISON*

**21) Subclause A.5.20**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**22) Subclause A.5.21**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**23) Subclause A.5.22**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**24) Subclause A.5.24**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**25) Subclause A.5.25**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**26) Subclause A.5.26**

*Replace AccessControlDefinitions with AccessControl-ASN1Module*

**27) Subclause A.6**

*In the first line:*

*replace AccessControlDefinitions { joint-iso-ccitt ms(9) function(2) part9(9) asn1Module(2) 1 }*

*with AccessControl-ASN1Module { joint-iso-ccitt ms(9) function(2) part9(9) asn1Module(2) 2 }*

*Before the IMPORTS for DistinguishedName add the following ASN.1 comment Note:*

*-- NOTE – This Recommendation | International Standard imports DistinguishedName 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 -1:1997.*

*Remove the following:*

**FunctionalUnitPackage**

**FROM SMASE-A-ASSOCIATE-Information { joint-iso-ccitt ms(9) smo(0) negotiationAbstractSyntax(1) version1(1) }**

*Replace the **IMPORTS** for **AETitle** with the following:*

**AE-title**

**FROM ACSE-1 { joint-iso-itu-t(2) association-control(2) modules(0) apdus(0) version1(1) }**

*In **InitiatorName** replace **InitiatorName CHOICE** with **InitiatorName ::= CHOICE***

*In **InitiatorName** replace [4] **IMPLICIT AETitle** with [4] **AE-title***

*In **CapabilityIdentitiesList** replace **IMPLICIT OBJECT IDENTIFIER** with **OBJECT IDENTIFIER***

*In **DenialResponse** remove **EnforcementAction***

*In **Deny** replace **Deny** with **deny***

*In **InvalidAccessControlFilter** remove the { (formatted in White and hence not visible on the paper copy) before **filter***

## ITU-T RECOMMENDATIONS SERIES

Series A	Organization of the work of the ITU-T
Series B	Means of expression: definitions, symbols, classification
Series C	General telecommunication statistics
Series D	General tariff principles
Series E	Overall network operation, telephone service, service operation and human factors
Series F	Non-telephone telecommunication services
Series G	Transmission systems and media, digital systems and networks
Series H	Audiovisual and multimedia systems
Series I	Integrated services digital network
Series J	Transmission of television, sound programme and other multimedia signals
Series K	Protection against interference
Series L	Construction, installation and protection of cables and other elements of outside plant
Series M	TMN and network maintenance: international transmission systems, telephone circuits, telegraphy, facsimile and leased circuits
Series N	Maintenance: international sound programme and television transmission circuits
Series O	Specifications of measuring equipment
Series P	Telephone transmission quality, telephone installations, local line networks
Series Q	Switching and signalling
Series R	Telegraph transmission
Series S	Telegraph services terminal equipment
Series T	Terminals for telematic services
Series U	Telegraph switching
Series V	Data communication over the telephone network
<b>Series X</b>	<b>Data networks and open system communications</b>
Series Y	Global information infrastructure
Series Z	Programming languages