INTERNATIONAL STANDARD ISO/IEC 10164-9:1995
TECHNICAL CORRIGENDUM 3

Published 2002-04-15

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОМИССИЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

Information technology — Open Systems Interconnection — Systems Management: Objects and attributes for access control

TECHNICAL CORRIGENDUM 3

Technologies de l'information — Interconnexion de systèmes ouverts (OSI) — Gestion-systèmes: Objets et attributs de contrôle d'accès

RECTIFICATIF TECHNIQUE 3

Technical Corrigendum 3 to International Standard ISO/IEC 10164-9:1995 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

ICS 35.100.70 **Ref. No. ISO/IEC 10164-9:1995/Cor.3:2002(E)**

© ISO/IEC 2002 – All rights reserved

Printed in Switzerland

Copyright International Organization for Standardization
Provided by IHS under license with ISO
No reproduction or networking permitted without license from IHS Not for Resale

Copyright International Organization for Standardization
Provided by IHS under license with ISO
No reproduction or networking permitted without license from IHS
Not for Resale

INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

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

TECHNICAL CORRIGENDUM 3

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.*
- 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".

--`,,`-`-`,,`,,`,`,,`---

Copyright International Organization for Standardization
Provided by IHS under license with ISO
No reproduction or networking permitted without license from IHS
Not for Resale

4) Subclause A.6

a) *In the* **IMPORTS FROM CMIP-1**, *insert the following before* **ObjectClass***:*

"DistinguishedName,"

b) *Remove the following* **IMPORTS** *statement:*

```
"DistinguishedName
    FROM InformationFramework { joint-iso-ccitt ds(5) modules(1) informationFramework(1) }"
```

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

"DMI-TYPE-IDENTIFIER,"

d) *Replace the production for* **Proxy** *with the following ASN.1 production:*

```
"AC-PROXY ::= DMI-TYPE-IDENTIFIER"

Proxy ::= SEQUENCE {
    proxyId         [0] IMPLICIT AC-PROXY.&id ({ProxySet}),
    proxyValue      [1] AC-PROXY.&Value ({ProxySet} {@.proxyId}) }
ProxySet AC-PROXY ::= {...}
"
```

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

```
"AC-AUTH-CONTEXT ::= DMI-TYPE-IDENTIFIER

AuthenticationContext ::= SEQUENCE {
    authenticationPolicyId    [0] IMPLICIT AC-AUTH-CONTEXT.&id ({AuthenticationContextSet}),
    requirements              [1] AC-AUTH-CONTEXT.&Value ({AuthenticationContextSet}
                                                          {@.authenticationPolicyId}) }
AuthenticationContextSet AC-AUTH-CONTEXT ::= {...}
"
```

f) *Replace the production for* **CapabilityIdentitiesList** *with the following ASN.1 production:*

```
AC-CAP-IDENTITY ::= DMI-TYPE-IDENTIFIER

CapabilityIdentitiesList ::= SET OF CHOICE {
    knownForm         [0] SEQUENCE {
        initiatorName           InitiatorName,
        sdaList                 SdaList OPTIONAL },
    unknownForm       [1] SEQUENCE {
        identifier          AC-CAP-IDENTITY.&id ({CapabilityIdentitiesSet}),
        value               AC-CAP-IDENTITY.&Value ({CapabilityIdentitiesSet} {@.identifier})}
    }

CapabilityIdentitiesSet AC-CAP-IDENTITY ::= {...}
"
```


Copyright International Organization for Standardization
Provided by IHS under license with ISO
No reproduction or networking permitted without license from IHS
Not for Resale