INTERNATIONAL STANDARD ISO/IEC 10040:1992
TECHNICAL CORRIGENDUM 2

Published 1996-05-01

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 overview

TECHNICAL CORRIGENDUM 2

Technologies de l'information — Interconnexion de systèmes ouverts (OSI) — Aperçu général de la gestion-système

RECTIFICATIF TECHNIQUE 2

Technical corrigendum 2 to International Standard ISO/IEC 10040:1992 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

ICS 35.100.70 **Ref. No. ISO/IEC 10040:1992/Cor.2:1996(E)**

Descriptors: data processing, information interchange, network interconnection, open systems interconnection, application layer, management, systems management, overviews.

Printed in Switzerland

INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION – SYSTEMS MANAGEMENT OVERVIEW

TECHNICAL CORRIGENDUM 2
(to Rec. X.701 | ISO/IEC 10040)

1) *Add the following further reference to 2.2:*

"– ITU-T Recommendation X.296[1)], *OSI conformance testing methodology and framework for protocol Recommendations for ITU-T applications – Implementation conformance statements – Requirements and guidance on ICS and ICS proforma.*

– ISO/IEC 9646-7:1995, *Information technology – Open Systems Interconnection – Conformance testing methodology and framework – Part 7: Implementation Conformance Statements.*"

---

1) Presently at the stage of draft.

Replace first sentence of 3.5 by the following:

"This Recommendation | International Standard makes use of the following terms defined in CCITT Rec. X.290 | ISO/IEC 9646-1 and CCITT Rec. X.296 | ISO/IEC 9646-7."

3) *Add the following additional definitions to 3.5:*

"d) Implementation Conformance Statement (ICS)

e) ICS proforma."

4) *Delete 3.6.3 and 3.6.4, renumber 3.6.5 to 3.6.8 as 3.6.3 to 3.6.6, and add the following definitions as subclauses 3.6.7 and 3.6.8:*

"**3.6.7 management information conformance statement (MICS):** A statement from a supplier about an implementation's manager role capabilities and options relating to management information which have been implemented and any features which have been omitted.

3.6.8 MICS proforma: A document, in the form of a questionnaire, which when completed by the supplier of an implementation having manager role capability becomes a MICS."

5) *Add the following abbreviations to clause 4:*

"ICS Implementation Conformance Statement

MICS Management Information Conformance Statement"

6) *Replace the third and fourth paragraphs of 8.1.1 by the following:*

"Standards for communication and standards relating to systems management functions shall require for conformance the minimum required to maintain the integrity of the protocol specified by the standards. Collections of useful functionality can be defined in profiles.

NOTE – Some standards may define a profile.

It is also a requirement that each standard should express its dependencies on non-mandatory aspects of underlying standards by identifying what elements of a given underlying service are required to support the given protocol. This also requires that each protocol standard should specify the conditional requirements that express, for each element of the service provided by that protocol, which protocol units are required to enable that element of service to be supported."

7) *Replace the second and third paragraphs of 8.1.2 by the following:*

"Standards for communication shall require for conformance only the minimum required to maintain the integrity of the protocol specified by the standards. Such standards may also define a profile within the base standard.

Standards for communications shall also identify which protocol units are required for each element of service that can be provided by the communications standard so that any other standard using the communications service can unambiguously define its requirements.