INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
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OF ITU

X.733

Corrigendum 2

(03/99)

SERIES X: DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS

OSI management – Management functions and ODMA functions

Information technology – Open Systems Interconnection – Systems Management: Alarm reporting function

Technical Corrigendum 2

ITU-T Recommendation X.733 – Corrigendum 2

(Previously CCITT Recommendation)

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INTERNATIONAL STANDARD 10164-4

ITU-T RECOMMENDATION X.733

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION – SYSTEMS MANAGEMENT: ALARM REPORTING FUNCTION

TECHNICAL CORRIGENDUM 2

Source

The ITU-T Recommendation X.733, Corrigendum 2 was approved on the 26th of March 1999. The identical text is also published as Technical Corrigendum 2 to ISO/IEC 10164-4.

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 term *recognized operating agency (ROA)* includes any individual, company, corporation or governmental organization that operates a public correspondence service. The terms *Administration, ROA* and *public correspondence* are defined in the *Constitution of the ITU (Geneva, 1992).*

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.

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INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION – SYSTEMS MANAGEMENT: ALARM REPORTING FUNCTION

TECHNICAL CORRIGENDUM 2

1) Subclause 8.1.2.3

Replace paragraph 2 with the following:

– cleared: The Cleared severity level indicates the clearing of one or more previously reported alarms. The alarms to be cleared are indicated by the managed object, Event type, Probable cause, Specific problems (if present) and Correlated notifications parameters as follows:

a) If the Correlated notifications and Specific problem parameters are not present or empty, all previous alarms with the same managed object, Probable cause and Event type parameters are cleared irrespective of whether a Notification identifier or Specific problem parameter was present in the alarms to be cleared (i.e. can clear alarms without looking at Notification identifier or Specific problem parameters).

b) If the Specific problems parameter is present and not empty, and the Correlated notifications is not present or empty, then only previous alarms that have an exact match on managed object, Probable cause, Event type, and have a matching set or subset of Specific problems will be cleared.

c) If the Correlated notifications parameter is present and not empty, those alarms listed in this parameter are cleared irrespective of the values for the managed object, Probable cause, Event type and Specific problems parameters. In addition, all alarms which match managed object are also cleared as specified in b) above, or as in a), ignoring the presence of the Correlated notifications.

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