



INTERNATIONAL STANDARD ISO/IEC 9594-4 : 1990
TECHNICAL CORRIGENDUM 2

Published 1992-07-01

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
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Information technology — Open Systems Interconnection — The Directory —

Part 4: Procedures for distributed operation

TECHNICAL CORRIGENDUM 2

*Technologies de l'information — Interconnexion de systèmes ouverts — L'annuaire —
Partie 4: Procédures pour le fonctionnement réparti
RECTIFICATIF TECHNIQUE 2*

Technical corrigendum 2 to International Standard ISO/IEC 9594-4 : 1990 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

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Subclause 3.5.12

Replace the definition of naming context with the following:

"a subtree of the DIT, held in a single DSA, defined as starting at a vertex and extending downwards to leaf and/or non-leaf vertices. Such vertices constitute the border of the naming context. The superior of the starting vertex of a naming context is not held in that DSA. Subordinates of the non-leaf vertices belonging to the border denote the start of further naming contexts which are not held in that DSA."

UDC 681.3 : 621.39

Ref. No. ISO/IEC 9594-4 : 1990/Cor. 2 : 1992 (E)

Descriptors: data processing, information interchange, network interconnection, open systems interconnection, directories, procedure.

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Printed in Switzerland

Subclause 3.5.17

Replace the definition of request decomposition with the following:

"decomposition of a request into one or more of the following:

- a) subrequests to be chained to other DSAs;
- b) continuation references to be included in the results."

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Clause 9

In the fifth paragraph, replace the 3rd-5th sentences with the following:

"A naming context is a subtree of the DIT, held in a single DSA, defined as starting at a vertex and extending downwards to leaf and/or non-leaf vertices. Such vertices constitute the border of the naming context. The superior of the starting vertex of a naming context is not held in that DSA. Subordinates of the non-leaf vertices belonging to the border denote the start of further naming contexts which are not held in that DSA."

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Subclause 14.3.1

In the ASN.1 for **ChainedX ::=**, add **Abandoned** to the **ERRORS** as follows:

ERRORS {...,**DsaReferral**, **Abandoned**,...}

Add a new note 1 as follows and renumber the existing note to note 2:

"Notes:

1. The presence of the Abandoned error reflects the possibility discussed in 14.4, that a **ChainedAbandon** can be generated for an operation when a linked association fails.
2. The definitive ..."

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Subclause 18.6.1

To remove ambiguity and clarify the source of values for the arguments, replace the first sentence with the following:

"The procedure makes use of the following arguments, set by Operation Dispatcher as detailed in 18.4.6 1):"

Delete the third bullet item from the list in 18.6.1 and add the following text as a new paragraph at the end of the clause:

"In addition, the procedure makes use of the **dontDereferenceAliases** service control from **commonArguments**."

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Subclause 18.7.2.1.1 3)

Add the following phrase to the beginning of the first sentence:

"Either generate a continuation reference to be included in the results or "

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Subclause 18.7.2.2.1 3)

Add the following phrase to the beginning of the second sentence:

"Either generate a continuation reference to be included in the results or "

Subclause 18.7.2.2.1 5)

Add the following phrase to the second sentence immediately following the phrase "the alias and":

"Either generate a continuation reference to be included in the results or "

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Annex A

In the ASN.1 definition of **ChainedModifyEntry** replace the errors with the following text:

ERRORS { DsaReferral, Abandoned, AttributeError, NameError,
ServiceError, SecurityError, UpdateError }