



**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  
INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОМИССИЯ • COMMISSION ELECTROTECHNIQUE INTERNATIONALE

# 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*.

Page 2

#### 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.

© ISO/IEC 1992

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."

Page 6

### 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."

Page 15

### 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 ..."

Page 25

### 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**."

Page 31

**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 "

Page 32

**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 "

Page 37

**Annex A**

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

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

STANDARDSISO.COM : Click to view the full PDF of ISO/IEC 9594-4:1990/Cor 2:1992