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."

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 }
```