



**INTERNATIONAL STANDARD ISO/IEC 9594-4:1998**  
**TECHNICAL CORRIGENDUM 1**

Published 2001-12-15

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 —  
The Directory: Procedures for distributed operation**

**TECHNICAL CORRIGENDUM 1**

*Technologies de l'information — Interconnexion de systèmes ouverts (OSI) — L'annuaire: Procédures pour le fonctionnement réparti*

*RECTIFICATIF TECHNIQUE 1*

Technical Corrigendum 1 to International Standard ISO/IEC 9594-4:1998 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*.

IECNORM.COM : Click to view the full PDF of ISO/IEC 9594-4:1998/Cor 1:2001

INTERNATIONAL STANDARD  
ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION – THE  
DIRECTORY: PROCEDURES FOR DISTRIBUTED OPERATION

TECHNICAL CORRIGENDUM 1

1) Resolution to defect report 9594/157

Subclause 19.1.4 Modify DN operation

*After the first paragraph of bullet 9), add the following new paragraph:*

If the entry, alias entry or subentry was within the **UnitOfReplication** of one or more shadowing agreements held by the DSA, and the superior of the renamed entry, alias entry or subentry is not within this **UnitOfReplication**, the shadow consumers shall be updated using the procedures of the Directory shadow service specified in ITU-T Rec. X.525 | ISO/IEC 9594-9; in this case the shadowed entry and all its subordinates shall be removed.

If the entry, alias entry or subentry was not within the **UnitOfReplication** of one or more shadowing agreements held by the DSA, and the renamed entry, alias entry or subentry is now within this **UnitOfReplication**, the shadow consumers shall be updated using the procedures of the Directory shadow service specified in ITU-T Rec. X.525 | ISO/IEC 9594-9; in this case the shadowed entry and all its subordinates shall be shadowed.

2) Resolution to defect report 9594/159

Subclause 19.3.2.2.1 Search procedure (I)

*Replace the whole text of the subclause 19.3.2.2.1 1) b) i) with the following text:*

- i) If **e** is unsuitable, make a **continuationReference** as follows and add it to **SRContinuationList**:
  - **targetObject** set to the DN of DSE **e**;
  - **operationProgress** with **nameResolutionPhase** set to **proceeding** and **nextRDNtoBeResolved** set to the number of RDNs in **e**;
  - all other components of **continuationReference** are unchanged.

Then return.

*In the Note following subclause 19.3.2.2.1.1) b) i), remove the brackets with their content.*

Subclause 18.3.1 Find DSE procedure

*Delete in step 9) the first paragraph and NOTE 5.*

3) Resolution to defect report 9594/162

Subclause 20.4.5 APInfo procedure

*Replace the text of the second to last dash of 5) c), "**ChainingArguments.exclusions** absent" with the following:*

- "**chainingArguments.exclusions** is set to either the relevant exclusions for the current target object if called by the Search Continuation Reference procedure, or absent if the APInfo procedure was called by the Name Resolution or the List Continuation procedures."

#### 4) Resolution to defect report 9594/180

##### Subclause 10.3 Chaining Arguments

Delete bullet g) (which is a duplicate of o)) and renumber the following items. Modify the order of m) n) and o) to o), n) m) which, with the renumbering will become:

- l) The **entryOnly** ...
- m) **uniqueIdentifier** ...
- n) **authenticationLevel** ...

#### 5) Resolution to defect report 9594/190

##### Subclause 19.3.1.2.2 List procedure (II)

In bullet 1) add a new step before a) and renumber the subsequent steps accordingly:

- a) If **e'** is not an entry or alias, continue with the next immediate subordinate.
- b) Check ACI ...

#### 6) Resolution to defect report 9594/198

##### Subclause 17.3.3.1 DUA request

Insert two new bullets e) and f) into 17.3.3.1 after bullet d) and renumber the existing e), f), g) as g), h), i) to read as follows:

- d) **ChainingArguments.AuthenticationLevel** and **ChainingArgument.UniqueID** are set according to the local security policy.
- e) **ChainingArguments.nameResolveOnMaster** is copied from **CommonArguments.nameResolveOnMaster**.
- f) **ChainingArguments.exclusions**, **ChainingArguments.entryOnly** and **ChainingArguments.referenceType** are copied from **CommonArguments.exclusions**, **CommonArguments.entryOnly** and **CommonArguments.referenceType** if they are present, otherwise they are omitted.
- g) If the **manageDSAIT** option is set ...

#### 7) Resolution to defect report 9594/206

##### Clause 21 Results Merging procedure

Add the following Note after bullet 6):

"NOTE – In case a DSA receives search or list results from other DSAs, and such results have parameters unknown to the DSA, the uncorrelated results shall be returned. Otherwise, the DSA shall perform merging, if the search results are not signed.

A DSA which received unsigned, uncorrelated results from a DSA not able to perform consolidation, shall perform merging, if it has the proper knowledge of all parameters of the uncorrelated results."

#### 8) Resolution to defect report 9594/209

##### Subclause 12.1 Chained operations and Annex A

Modify the ASN.1 of **ERRORS** as follows:

**ERRORS** {operation.&Errors Except referral| dsaReferral}