



**INTERNATIONAL STANDARD ISO/IEC 9594-4:1998**  
**TECHNICAL CORRIGENDUM 2**

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**Information technology — Open Systems Interconnection —  
The Directory: Procedures for distributed operation**

**TECHNICAL CORRIGENDUM 2**

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

*RECTIFICATIF TECHNIQUE 2*

**ITeH STANDARD PREVIEW**  
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ISO/IEC 9594-4:1998/Cor 2:2002

<https://standards.iteh.ai/catalog/standards/sist/dbc3f110-bc1b-497a-8317-6e545be21a40/iso-iec-9594-4-1998-cor-2-2002>

INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

**Information technology – Open Systems Interconnection – The Directory:  
Procedures for distributed operation**

**TECHNICAL CORRIGENDUM 2**

NOTE – This Technical Corrigendum covers the result of the ballot resolutions of Draft Technical Corrigenda 3, 4, and 5.

**1) Defect reports covered by Draft Technical Corrigendum 3**

(Covering resolutions to defect reports 233 and 235)

**1.1) This corrects the defects reported in defect report 9594/233**

*In Annex A:*

*Change all occurrences of **joint-iso-ccitt** to **joint-iso-itu-t***

*Add **enhancedSecurity** to the import from **UsefulDefinitions***

*Add a semicolon to the end of import from **DirectoryAccessProtocol**.*

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**1.2) This corrects the defects reported in defect report 9594/235**

*Replace the last three paragraphs of 10.8 as follows:*

An **AccessPointInformation** value identifies one or more access points to the Directory.

```
AccessPointInformation ::= SET {
COMPONENTS OF
additionalPoints [4] MasterOrShadowAccessPoint,
MasterAndShadowAccessPoints OPTIONAL }
```

In the case of 1988 edition DSAs producing an **AccessPointInformation** value, the optional component of the set is absent. In the case of 1988 edition DSAs interpreting an **AccessPointInformation** value, any **MasterAndShadowAccessPoints** value present is ignored.

In the case of post-1988 edition DSAs, the **MasterOrShadowAccessPoint** value component produced for an **AccessPointInformation** value may be of category master or shadow, as determined by the knowledge selection procedure of the DSA producing the value. It may be viewed as a suggested access point provided by the DSA generating the value to the DSA receiving it. A **MasterAndShadowAccessPoints** value may optionally also be produced for an **AccessPointInformation** value. This constitutes additional information which may be employed by the receiving DSA's knowledge selection procedure to determine an alternative access point.

*Change the ASN.1 in Annex A.*

**2) Defect reports covered by Draft Technical Corrigendum 4**

(Covering resolutions to defect reports 234 and 248)

**2.1) This corrects the defects reported in defect report 9594/234**

Delete the last sentence of 15.3.1 (If protection is performed on the arguments, request decomposition shall not be used.)

**2.2) This corrects the defects reported in defect report 9594/248**

In 25.1.4 and in Annex D replace:

```
NHOBSubordinateToSuperior ::= SubordinateToSuperior (  
    WITH COMPONENTS { ..., alias ABSENT, entryInfo ABSENT})
```

with:

```
NHOBSubordinateToSuperior ::= SEQUENCE {  
    accessPoints [0] MasterAndShadowAccessPoints OPTIONAL,  
    subentries [3] SET OF SubentryInfo OPTIONAL }
```

**3) Defect reports covered by Draft Technical Corrigendum 5**

(Covering resolutions to defect reports 228, 242 and 265)

**3.1) This corrects the defects reported in defect report 9594/228**

Delete the last paragraph of 16.3.9 and clause 21.

Delete any occurrence of:

```
DIRQOP.&...QOP{@dirqop} , ISO/IEC 9594-4:1998/Cor 2:2002  
https://standards.iteh.ai/catalog/standards/sist/dbc3f110-bc1b-497a-8317-  
6e545be21a40/iso-iec-9594-4-1998-cor-2-2002
```

Insert the following at the beginning of 15.5.5

Warning – This subclause refers to specifications that have been deprecated with respect to encryption. Signing of requests is not deprecated.

In Annex A, remove the **DIRQOP** from the import.

**3.2) This corrects the defects reported in defect report 9594/242**

Add size limit **SIZE (1..MAX)** to all optional **SET OF** and **SEQUENCE OF** constructs.

**3.3) This corrects the defects reported in defect report 9594/265**

In the first paragraph of 14.5, replace subordinate DSA with those DSAs.

Add the following new paragraph and Note to the end of 15.3.1:

The **argument** of a chained request (see 12.1) or subrequest shall be the unmodified operation argument if the operation was initiated by a DUA. A DSA receiving a chained request shall not change **argument** when doing request decomposition.

NOTE – The following subclauses specify that requirement for individual components of **argument**. This should not be interpreted to mean that a component not explicitly mentioned can be changed.

At the beginning of the last paragraph of 15.5.2, add it does not support after "If a DSA encounters an extension". Change execution phase to evaluation phase.

Delete 19.3.1.1.3.