INTERNATIONAL STANDARD ISO/IEC 9594-2:1998
TECHNICAL CORRIGENDUM 1

Published 2002-02-01

Information technology — Open Systems Interconnection — The Directory: Models

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Interconnexion de systèmes ouverts (OSI) — L'annuaire: Les modèles

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO/IEC 9594-2:1998 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*.

ICS 35.100.70

Ref. No. ISO/IEC 9594-2:1998/Cor.1:2002(E)

Printed in Switzerland

iTeh STANDARD PREVIEW
(standards.iteh.ai)

INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION – THE DIRECTORY: MODELS

TECHNICAL CORRIGENDUM 1

1)   Resolution to defect report 9594/173

Subclause 20.5 First Level DSAs

Change the text of bullet c) as follows:

c)   it holds subordinate references (of category master and/or shadow) and non-specific subordinate references (of category master and/or shadow) which account for all the naming contexts immediately subordinate to the root of the DIT which it does not itself hold.

2)   Resolution to defect report 9594/179

Annex J, Table J.1

In the second column called "Entry Protected Item Permissions Required"*, add the following texts for the Read and the Search operations:*

for the Read operation:

"ReturnDN *for distinguished name*"

for the Search Operation:

"returnDN *for each returned distinguished name*"

3)   Resolution to defect report 9594/189

Subclause 26.3 Modify Operational Binding and Annex F

Add **OPTIONAL** *to the ASN.1 of* **newAgreement** *as follows*:

**NewAgreement   [7]   OPERATIONAL-BINDING.&Agreement
({OpBindingSet}{@bindingType}) OPTIONAL,**

4)   Resolution to defect report 9594/205

Subclause 20.3.2 Knowledge Reference Types

Change the first bullet point after "A DSA may hold the following types of knowledge reference:" *to read:*

–   superior references;

Subclause 20.3.2.1 Superior Reference

Change the title and second sentence to read:

22.3.2.1   Superior References

A superior reference consists of:

–   the Access Point of a DSA.

Each non-first level DSA (see 20.5) shall maintain at least one superior reference.

Subclause 20.4.1 Superior Knowledge

Change the first sentence to read:

Each DSA that is not a first level DSA shall maintain at least one superior reference.

And add the following second sentence:

Additional superior references may be held for operational reasons as alternative paths to the root of the DIT.

Subclause 20.5 First Level DSAs

Change the second sentence to read:

"A DSA referenced by other DSAs may itself maintain one or more superior references."

Change the last sentence to read:

"They therefore may serve as a superior reference for non-first level DSAs."

Subclause 21.4.2 DSE Types

Change the text of bullet h) to read as follows:

h)   **supr**: A DSE that holds a specific knowledge attribute to represent the DSAs superior references.

Subclause 22.2.1.2 Superior Knowledge

Change the first sentence to the plural and the **ATTRIBUTE WITH SYNTAX** *to read as follows:*

The **superiorKnowledge** operational attribute type is used by a non-first level DSA to represent its superior references.

```
superiorKnowledge          ATTRIBUTE              ::=      {
                           WITH SYNTAX                     SET OF AccessPoint
                           .....
```

Subclause 22.2.2.2 Superior Reference

Insert a new second sentence:

Since a **superiorKnowledge** attribute value may contain the access points of several DSAs, it may therefore represent several superior references.

5)   Resolution to defect report 9594/211

Subclause 26.2

Change the two occurrences of **UTCTime** *to* **Time***:*

Insert the following after the ASN.1 definition of **Validity**

```
Time ::= CHOICE {
           utcTime           UTCTime,
           generalizedTime        GeneralizedTime  }
```

Before a value of **Time** is used in any comparison operation and if the syntax of **Time** has been chosen as the **UTCTime** type, the value of the two-digit year field shall be rationalized into a four-digit year value as follows:

–   If the 2-digit value is 00 through 49 inclusive, the value shall have 2000 added to it.

–   If the 2-digit value is 50 through 99 inclusive, the value shall have 1900 added to it.

> NOTE – The use of **GeneralizedTime** may prevent interworking with implementations unaware of the possibility of choosing either **UTCTime** or **GeneralizedTime**. It is the responsibility of those specifying the domains in which this Directory Specification will be used, e.g. profiling groups, as to when the **GeneralizedTime** may be used. In no case shall **UTCTime** be used for representing dates beyond 2049.

Subclause 26.4

Change **UTCTime** *to* **Time***:*

Subclause 26.5

Change **UTCTime** *to* **Time***:*

Also make the ASN.1 changes to Annex F.

iTeh STANDARD PREVIEW
(standards.iteh.ai)