



INTERNATIONAL STANDARD ISO/IEC 9594-4 : 1990
TECHNICAL CORRIGENDUM 1

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Information technology — Open Systems Interconnection — The Directory —

Part 4: Procedures for distributed operation

TECHNICAL CORRIGENDUM 1

*Technologies de l'information — Interconnexion de systèmes ouverts — L'annuaire —
Partie 4: Procédures pour le fonctionnement réparti
RECTIFICATIF TECHNIQUE 1*

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Subclause 10.4.1

Second paragraph, first sentence, and third paragraph, second sentence, replace “**returnCrossReference**” with “**returnCrossRefs**”.

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Subclause 12.3.1

Because a DSA involved in chaining is unable to change the value of the subset argument (as required when dereferencing aliases for a one level search operation), add the new boolean argument “entryOnly” to the **ChainingArguments** ASN.1 definition as follows:

```
aliasDereferenced    [4]    BOOLEAN DEFAULT FALSE,
aliasRDNs             [5]    INTEGER OPTIONAL,
--absent unless aliasDereferenced is TRUE
entryOnly             [11]   BOOLEAN DEFAULT FALSE,
--absent unless aliasDereferenced is TRUE
--and operation is search, one-level
returnCrossRefs       [6]    BOOLEAN DEFAULT FALSE,
```

Subclause 12.3.2.7

Renumber existing subclauses 12.3.2.7 and 12.3.2.8 to 12.3.2.8 and 12.3.2.9 respectively.

Add new subclause 12.3.2.7 with the following text to define the new **entryOnly** argument:

“12.3.2.7 The **entryOnly** component is set to **TRUE** if the original operation was a search, with the **subset** argument set to **oneLevel**, and an alias entry was encountered as an immediate subordinate of the **baseObject**. The DSA which successfully performs name resolution on the **targetObject** name, shall perform object evaluation on only the named entry.”

Subclause 12.6.2

Replace the first sentence with the following:

“Each DSA which is propagating an operation to another adds a new item to the end of the sequence of **Traceltem**.”

Subclause 13.1.1

First sentence, replace “chainedRead, chainedSearch, and chainedModify ports” with “chainedReadPort, chainedSearchPort, and chainedModifyPort”.

Replace the ASN.1 specification of **DSABind** with the following specification:

```
DSABind ::= ABSTRACT-BIND
TO { chainedReadPort,
    chainedSearchPort,
    chainedModifyPort }
BIND
ARGUMENT      DirectoryBindArgument
RESULT        DirectoryBindResult
BIND-ERROR    DirectoryBindError
```

Subclause 13.2.1

First sentence, replace “Chained Read, Chained Search, and Chained Modify ports” with “chainedReadPort, chainedSearchPort and chainedModifyPort”.

Replace the ASN.1 specification of **DSAUnbind** with the following specification:

```
DSAUnbind ::= ABSTRACT-UNBIND
FROM { chainedReadPort,
    chainedSearchPort,
    chainedModifyPort }
```