



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*

Technical corrigendum 1 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 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,
aliasedRDNs        [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,

```

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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.”

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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 **TracelItem**.”

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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 }

```