



INTERNATIONAL STANDARD ISO/IEC 9594-2:2005
TECHNICAL CORRIGENDUM 4

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Information technology — Open Systems Interconnection — The Directory: Models

TECHNICAL CORRIGENDUM 4

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

RECTIFICATIF TECHNIQUE 4

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*(covering resolution to defect reports 357, 359, 360, 361, 363, 370 and 371)***1) Correction of the defects reported in defect report 357***In [clause](#) 13.7.6 and Annex B replace the STRUCTURE-RULE information object with:*

```

STRUCTURE-RULE ::= CLASS {
    &nameForm          NAME-FORM,
    &SuperiorStructureRules STRUCTURE-RULE.&id OPTIONAL,
    &id                RuleIdentifier }
WITH SYNTAX {
    NAME FORM          &nameForm
    [ SUPERIOR RULES   &SuperiorStructureRules ]
    ID                 &id }

```

2) Correction of the defects reported in defect report 359*Update the ASN.1 in [clause](#) 28.3 and Annex G as shown:*

```

ModifyOperationalBindingResult ::= CHOICE {
    null          + NULL,
    protected [1] OPTIONALLY-PROTECTED-SEQ{SEQUENCE {
        newBindingID      OperationalBindingID,
        bindingType        OPERATIONAL-BINDING.&id({OpBindingSet}),
        newAgreement        OPERATIONAL-BINDING.&Agreement
                           ({OpBindingSet}){@.bindingType}),
        valid              Validity OPTIONAL,
        COMPONENTS OF      CommonResultsSeq }}}

```

3) Correction of the defects reported in defect report 360*Update the ASN.1 in [clause](#) 13.9.2 and Annex B as shown:*

```

CONTEXT ::= CLASS {
    &Type,
    &BdefaultValue &B &Type OPTIONAL,
    &Assertion      OPTIONAL,
    &absentMatch    BOOLEAN DEFAULT TRUE,
    &id            OBJECT IDENTIFIER UNIQUE }
WITH SYNTAX {
    WITH SYNTAX      &Type
    [DEFAULT-VALUE   &BdefaultValue]
    [ASSERTED AS     &Assertion]
    [ABSENT-MATCH    &absentMatch]
    ID              &id }

```

4) Correction of the defects reported in defect report 361

Update ~~the clause~~ 18.4.2.4, item b), fourth bullet as shown:

- **userGroup** is the set of users who are members of the ~~groupOfUniqueNames~~ groupOfUniqueNames or **groupOfUniqueNames** entry, identified by the specified distinguished name (with an optional unique identifier). Members of a group of unique names are treated as individual object names, and not as the names of other groups of unique names. How group membership is determined is described in 18.4.2.5.

5) Correction of the defects reported in defect report 363

Update item a) of ~~clause~~ 13.10.2 ~~of X.501~~ as shown:

- the **attributeType** component identifies the attribute type to which the DIT Context Use applies; if it applies to any attribute type the object identifier or any attribute type (id-oa-allAttributeTypes) may be used (defined in Annex B);

In Annex B ~~of X.501~~ add to the end of the allocation of object identifiers for operational attributes:

```
id-oa-allAttributeTypes OBJECT IDENTIFIER ::= {id-oa 48}
```

6) Correction of the defects reported in defect report 370

In ~~clause~~ 22.5 just before the note, add a new paragraph:

The subordinate references making up the root naming context are conceptually placed in DSA specific entries (DSEs) immediately subordinate to the root DSE (see 24.2). The DSE type shall be **subr**.

7) Correction of the defects reported in defect report 371

In ~~clause~~ 27.3.3, change the OP-BIND-ROLE information object class as shown

```
OP-BIND-ROLE ::= CLASS {
    &establish          BOOLEAN DEFAULT FALSE,
    &EstablishParam OPTIONAL,
    &modify             BOOLEAN DEFAULT FALSE,
    &ModifyParam        OPTIONAL,
    &terminate          BOOLEAN DEFAULT FALSE,
    &TerminateParam     OPTIONAL }
WITH SYNTAX {
    [ESTABLISHMENT-INITIATOR &establish]
    +ESTABLISHMENT-PARAMETER &EstablishParam+
    [MODIFICATION-INITIATOR &modify]
    [MODIFICATION-PARAMETER &ModifyParam]
    [TERMINATION-INITIATOR &terminate]
    [TERMINATION-PARAMETER &TerminateParam] }
```

~~In 27.3.3~~ Also, change item b) as shown:

- The **ESTABLISHMENT-PARAMETER** field defines the ASN.1 type for the parameters exchanged by a DSA assuming the defined role when an instance of the operational binding type is established. If no parameters are to be exchanged, then the NULL ASN.1 type shall be specified.

Replace ~~clauses~~ 28.2, 28.3 and 28.4 with:

28.2 Establish Operational Binding operation

28.2.1 Establish Operational Binding syntax

The Establish Operational Binding operation allows establishment of an operational binding instance of a predefined type between two DSAs. This is achieved through the transfer of the establishment parameters and the terms of agreement which were defined in the definition of the operational binding type. The arguments of the operation may be signed (see 17.3) by the requestor. If the **target** component of the **SecurityParameters** (see 7.10 of Rec. ITU-T X.511 | ISO/IEC 9594-3) in the request is set to **signed** and a result is to be returned, the result may be signed. Otherwise, the result shall not be signed.