



INTERNATIONAL STANDARD ISO/IEC 9594-5:2005
TECHNICAL CORRIGENDUM 2

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Information technology — Open Systems Interconnection — The Directory: Protocol specifications

TECHNICAL CORRIGENDUM 2

Technologies de l'information — Interconnexion de systèmes ouverts (OSI) — L'annuaire: Spécifications du protocole

RECTIFICATIF TECHNIQUE 2

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INTERNATIONAL STANDARD
RECOMMENDATION ITU-TInformation technology – Open Systems Interconnection –
The Directory: Protocol specifications

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(covering resolution to defect reports 337, 339, 343, 347, and 350)

1) Correction of the defects reported in defect report 337

Update the IdmBindError data type in 9.1 and in Annex D as shown:

```

IdmBindError {IDM-PROTOCOL:Protocols} ::= SEQUENCE {
  protocolID          IDM-PROTOCOL.&id ({Protocols}),
  --errcode           IDM-PROTOCOL.&bind-operation.&Errors.&errorCode OPTIONAL,
  respondingAETitle   [0] GeneralName OPTIONAL,
  aETitleError        ENUMERATED {
    callingAETitleNotAccepted (0),
    calledAETitleNotRecognized (1) } OPTIONAL,
  error               [1] IDM-PROTOCOL.&bind-operation.&Errors.&ParameterType
    ({Protocols} {@protocolID, @errcode}) }

```

Update the fourth paragraph of the text in 9.1 as shown:

An **IdmBindError** PDU is returned in response to an unsuccessful bind request. **protocolID** is the same value sent in the corresponding **bind** PDU. **errcode** is the code for one of the errors listed against the **ERRORS** field of the **BIND-OPERATION** of the identified protocol. **error** is a value for the **PARAMETER** field of the **ERROR** identified by **errcode**. **respondingAETitle** is the name of the remote application entity which sent the **IdmBindError**. **aETitleError** is set to **callingAETitleNotAccepted** if a **IdmBind** PDU is received and the supplied **callingAETitle** is not acceptable to the called system. **aETitleError** is set to **calledAETitleNotRecognized** if an **IdmBind** PDU is received and the remote application entity knows the application entity which is binding, but does not accept the **calledAETitle** sent in the **IdmBind** PDU as its own name.

*Update other parts of 9.1 and in addition 9.2 and 9.3 as follows:***bind** PDU to be replaced with **IdmBind** PDU.**bindResult** PDU to be replaced with **IdmBindResult** PDU.**bindError** PDU to be replaced with **IdmBindError**.PDU.**request** PDU to be replaced with **Request** PDU.**result** PDU to be replaced with **IdmResult** PDU.**error** PDU to be replaced with **Error** PDU.**reject** PDU to be replaced with **IdmReject** PDU.**unbind** PDU to be replaced with **Unbind** PDU.

2) Correction of the defects reported in defect report 339

Replace in 10.2 and Annex E **directoryBind** with **dsABind**:

```
dsp-ip IDM-PROTOCOL ::= {
  BIND-OPERATION      directorySABind
  OPERATIONS          { chainedRead | chainedCompare | chainedAbandon
                        | chainedList | chainedSearch
                        | chainedAddEntry | chainedRemoveEntry
                        | chainedModifyEntry | chainedModifyDN }
  ID                  id-idm-dsp }
```

Replace in 10.3 and Annex E **directoryBind** with **dsAShadowBind**:

```
disp-ip IDM-PROTOCOL ::= {
  BIND-OPERATION      directorySAShadowBind
  OPERATIONS          { requestShadowUpdate
                        | updateShadow
                        | coordinateShadowUpdate }
  ID                  id-idm-disp }
```

Replace in 10.4 and Annex E **directoryBind** with **dsaOperationalBindingManagementBind**:

```
dop-ip IDM-PROTOCOL ::= {
  BIND-OPERATION      directorySAOperationalBindingManagementBind
  OPERATIONS          { establishOperationalBinding
                        | modifyOperationalBinding
                        | terminateOperationalBinding}
  ID                  id-idm-dop }
```

Update in Annex E the **IMPORTS** clause as follows:

-- from ITU-T Rec. X.501 | ISO/IEC 9594-2

```
    directoryAbstractService, distributedOperations, directoryShadowAbstractService,
    id-idm, idMProtocolSpecification, opBindingManagement
    FROM UsefulDefinitions {joint-iso-itu-t ds(5) module(1) usefulDefinitions(0)
5}
```

```
    establishOperationalBinding, modifyOperationalBinding, terminateOperationalBinding,
dsaOperationalBindingManagementBind
    FROM OperationalBindingManagement opBindingManagement
```

-- from ITU-T Rec. X.518 | ISO/IEC 9594-4

```
    chainedAbandon, chainedAddEntry, chainedCompare, chainedList, chainedModifyDN,
    chainedModifyEntry, chainedRead, chainedRemoveEntry, chainedSearch, dsABind
    FROM DistributedOperations distributedOperations
```

-- from ITU-T Rec. X.525 | ISO/IEC 9594-9

```
    coordinateShadowUpdate, requestShadowUpdate, updateShadow, dsAShadowBind
    FROM DirectoryShadowAbstractService directoryShadowAbstractService ;
```

3) Correction of the defects reported in defect report 343

In 13.2.2 item d), change:

root context

to:

root naming context.

And also change:

ITU-T Rec. X.518 | ISO/IEC 9594-4

to:

ITU-T Rec. X.501 | ISO/IEC 9594-2