



**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

Technical Corrigendum 2

(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