



**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