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INTERNATIONAL STANDARD
ITU-T RECOMMENDATION

ITU-T X.511 (2005) | ISO/IEC 9594-3:2005
Information technology – Open Systems Interconnection –
The Directory: Abstract service definition

Technical Corrigendum 3

(covering resolution to defect reports 336, 338, 340, 341 and 345)

1) Correction of the defects reported in defect report 336

Add a new item vii) to ix in 11.3.5:

- vii) Add permission for the attribute type and for each of the values in the **replaceValues** if the operation attempts to add the attribute type. If these permissions are not granted, the operation fails in accordance with 11.3.5.1, item g).
- viii) Remove permission for the attribute type in the **replaceValues** parameter if the operation attempts to remove the attribute. If this permission is not granted, the operation fails in accordance with 11.3.5.1, item b)
- ix) Remove permission for all the values currently in the attribute and Add permission for all values in the **replaceValues** if the operation attempts to replace the values.
 - If all the Remove permissions are not granted, the operation fails in accordance with 11.3.5.1, item d).
 - If all the Remove permissions are granted, but all the Add permissions are not granted, the operation fails in accordance with 11.3.5.1, item g).

Change item b) and d) in 11.3.5.1 as follows:

- b) If the operation fails as defined in 11.3.5 item 2), subitem ii) or subitem viii), the valid error returns are one of: if *DiscloseOnError* permission is granted to the attribute being removed and the attribute exists, a **securityError** with problem **insufficientAccessRights** or **noInformation** shall be returned; otherwise, an **attributeError** with problem **noSuchAttributeOrValue** shall be returned.
- d) If the operation fails as defined in 11.3.5 item 2), subitem iv or subitem ix, first bullet), the valid error returns are one of: if *DiscloseOnError* permission is granted to any of the attribute values being removed, a **securityError** with problem **insufficientAccessRights** or **noInformation** shall be returned; otherwise, an **attributeError** with problem **noSuchAttributeOrValue** shall be returned.

Add new item to the list:

- g) If the operation fails as defined in 11.3.5 item 2), subitem vii or subitem ix, second bullet), a **securityError** with problem **insufficientAccessRights** or **noInformation** shall be returned.

2) Correction of the defects reported in defect report 338

Delete 3.7.12.

In 10.1 and in Annex A, change in the **PartialOutcomQualifier** from:

```
streamedResult [10] BOOLEAN DEFAULT FALSE }
```

to:

```
-- [10] Not to be used -- }
```

Modify the seventh paragraph (i.e., the one immediately before the bullet list) in clause 10.1.3 as follows:

The **partialOutcomeQualifier** consists of **eight** ~~nine~~ subcomponents as described below. This parameter shall be present whenever the result is incomplete because of a time limit, size limit, or administrative limit problem, because regions of the DIT were not explored, because some critical extensions were unavailable, because an unknown error was received, because paged results are being returned, an overspecified filter is to be indicated, **or** one or more notification attributes are to be returned, ~~or the result of an operation is a streamed result and this response is not the last response of the result:~~

Delete item i) in the letter-numbered list of 10.1.3.

Delete NOTE 3 in 10.1.3.

3) Correction of the defects reported in defect report 340

In Table 1 of 7.3.1 of ITU-T Rec. X.511 | ISO/IEC 9594-3, clear the table rows for bit 21-24 and list the bits as reserved.

In 8.1.4, add to the **securityError** the values

spkmError

unsupportedAuthenticationMethod

At the end of 8.1.4, add:

For details on **serviceError** and **securityError**, see 12.7 and 12.8.

In 12.7 and in Annex A, add to the **SecurityProblem** data type:

– **unsupportedAuthenticationMethod** (10)

Add a new item to the letter numbered list:

- i) **unsupportedAuthenticationMethod** – The authentication method suggested is not supported by the DSA.

4) Correction of the defects reported in defect report 341

In Annex A, add to the **ServiceControlOptions** at the end to make it consistent with 7.5:

allowWriteableCopy (14)

5) Correction of the defects reported in defect report 345

In 8.2, change 9.3.2 of ITU-T Rec. X.519 | ISO/IEC 9594-5 to 9.2.2 of ITU-T Rec. X.519 | ISO/IEC 9594-5.
