

## Recommendation X.518 | ISO/IEC 9594-4

### Technical Corrigendum 2 to the 3<sup>rd</sup> edition

NOTE – This Technical corrigendum covers the result of the ballot resolutions of Draft Technical Corrigenda 3, 4, and 5.

#### Defect reports covered by Draft Technical Corrigendum 3 (Covering resolutions to defect report 233 and 235)

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*This corrects the defects reported in defect report 9594/233.*

*In annex A:*

Change all occurrences of **joint-iso-ccitt** to **joint-iso-itu-t**

add **enhancedSecurity** to the import from **UsefulDefinitions**

Add a semicolon to the end of import from **DirectoryAccessProtocol**.

*This corrects the defects reported in defect report 9594/235.*

*Change 10.8 as follows:*

#### 10.8 Access point information

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An **AccessPointInformation** value identifies one or more access points to the Directory.

```
AccessPointInformation ::= SET {  
    COMPONENTS OF      MasterOrShadowAccessPoint,  
    additionalPoints    [4] SET-OF MasterAndShadowAccessPoints OPTIONAL }
```

In the case of 1988 edition DSAs producing an **AccessPointInformation** value, the optional component of the set is absent. In the case of 1988 edition DSAs interpreting an

**AccessPointInformation** value, any **MasterAndShadowAccessPoints** values present ~~is~~are ignored.

In the case of post-1988 edition DSAs, the **MasterOrShadowAccessPoint** value component produced for an **AccessPointInformation** value may be of category master or shadow, as determined by the knowledge selection procedure of the DSA producing the value. It may be viewed as a suggested access point provided by the DSA generating the value to the DSA receiving it. A ~~set-of~~ **MasterAndShadowAccessPoints** values may optionally also be produced for an **AccessPointInformation** value. This constitutes additional information which may be employed by the receiving DSA's knowledge selection procedure to determine an alternative access point.

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Change the ASN.1 in Annex A

## **Defect reports covered by Draft Technical Corrigendum 4**

(Covering resolutions to defect report 234 and 248)

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*This corrects the defects reported in defect report 9594/234.*

Delete the last sentence of 15.3.1 ("If protection is performed on the arguments, request decomposition shall not be used.")

*This corrects the defects reported in defect report 9594/248.*

In 25.1.4 and in Annex D replace:

```
NHOBSubordinateToSuperior ::= SubordinateToSuperior (  
    WITH COMPONENTS { ..., alias ABSENT, entryInfo ABSENT})
```

with:

```
NHOBSubordinateToSuperior ::= SEQUENCE {  
    accessPoints [0] MasterAndShadowAccessPoints OPTIONAL,  
    subentries [3] SET OF SubentryInfo OPTIONAL }
```

## **Defect reports covered by Draft Technical Corrigendum 5**

(Covering resolutions to defect report 228, 242 and 265)

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*This corrects the defects reported in defect report 9594/228.*

Delete the last paragraph of 16.3.9 and clause 21.

Delete any occurrence of

```
DIRQOP.&...-QOP{@dirqop}
```

Add to the start of 15.5.5:

*Warning – This subclause refers to specifications that have been deprecated with respect to encryption. Signing of requests is not deprecated.*

In Annex A, remove the **DIRQOP** from the import

*This corrects the defects reported in defect report 9594/242.*

Add size limit **SIZE (1..MAX)** to all optional **SET OF** and **SEQUENCE OF** constructs.

*This corrects the defects reported in defect report 9594/265.*

*In 14.5, first paragraph, replace subordinate DSA with those DSAs.*

*Add a new paragraph and a note to the end of 15.3.1:*

The **argument** of a chained request (see 12.1) or subrequest shall be the unmodified operation argument if the operation was initiated by a DUA. A DSA receiving a chained request shall not change **argument** when doing request decomposition.

NOTE – The following subclauses specifies that requirement for individual components of **argument**. This should not be interpreted to mean that component not explicitly mentioned can be changed.

*In the start of the last paragraph of 15.5.2, add after "If a DSA encounters an extension": it does not support. Change execution phase to evaluation phase.*

*Delete 19.3.1.1.3.*