

DEFECT REPORT FORM

1. Defect Report Number: **236**

Title: Editorial mistakes in X.519 ASN.1 modules

2. Source: CEN/ISSS/WS-DIR (ISSS-x519-1 R1)

3. Addressed to: ISO/IEC JTC1/SC6 and ITU-T SG 7
 Editor Group on the Directory

4. (a) WG Secretariat: UK (BSI)

 (b) ITU-T WP: WP 4

5. Date Circulated by WG Secretariat:

6. Deadline for Response from Editor:

7. Defect Report Concerning: ITU-T Rec. X.519 (1997) | ISO/IEC 9594-5:1998

8. Qualifier: Errors

9. References in Document: (e.g.: page, clause/section, figure, and/or table numbers)

Annex A, B, C, D, G

10. Nature of Defect: (complete, concise explanation of the perceived problem)

In Annex A, B, C and D imports:

Remote-Operations-Realisations and **realisations(9)** are misspelled. In some annexes the **realizations** identifier is assigned the value **(8)** instead of **(9)**

The third identifier of **{joint-iso-ccitt remote-operations(4) remote-Operations-Abstract-Syntaxes(12) version1(0)}** is misspelled.

In Annex A:

In the **DAP-Invokable OPERATION** construct an **n** is missing in **addEtry**

In Annex C.

InvokelD is misspelled (also a problem in 1993 edition)

In Annex D:

The object identifier for the module is wrong

directorySecurityExchanges is missing in the import from **UsefulDefinitions**

id-ac-directoryOperationalBindingManagementWith2or3seAC is missing in the import from **ProtocolObjectIdentifiers**

In Annex G:

informationFramework, **directoryAbstractService**, **authenticationFramework** and **protocolObjectIdentifiers** should be imported from **UsefulDefinitions**

SEC-EXCHG-ITEM and **SE-ERROR** is missing in the import from the **GULS Notation** module

GulsSecurityExchanges and **gulsSecurityExchanges** in the import section are misspelled

There is an unwanted comma after **DistinguishedName** in the import from **InformationFramework**

The **DirectoryAbstractService** import should use the same style as other imports. In addition **Dirqop** is not defined in **DirectoryAbstractService** and is used in the module

In the **spkmThreeWay** construct a curly right parenthesis is missing at the end

In the **spkmSecondCredentials** construct, the **SPKM-REP-T1** is misspelled

The **dir2or3se** construct has wrong syntax

11. Solution Proposed by the Source: (optional)

In Annex A, B, C, D imports:

Change **Remote-Operations-Realisations** and **realisations(8 or 9)** to **Remote-Operations-Realizations** and **realizations(9)**

Change

{joint-iso-ccitt remote-operations(4) remote-Operations-Abstract-Syntaxes(12) version1(0)}

to

{joint-iso-itu-t remote-operations(4) remote-operations-abstract-syntaxes(12) version1(0)}

In Annex A:

In the **DAP-Invokable OPERATION** construct replace **addEtry** with **addEntry**

In Annex C.

Replace **InvokeID** with **Invokeld**

In Annex D:

Change the object identifier for the module to:

{joint-iso-itu-t ds(5) module(1) dop(17) 3}

Add **directorySecurityExchanges** to the import from **UsefulDefinitions**

Add **id-ac-directoryOperationalBindingManagementWith2or3seAC** to the import from **ProtocolObjectIdentifiers**

In Annex G:

Add:

**informationFramework, directoryAbstractService, authenticationFramework,
protocolObjectIdentifiers
FROM UsefulDefinitions {joint-iso-itu-t ds(5) module(1) usefulDefinitions(0) 3}**

Add **SEC-EXCHG-ITEM** and **SE-ERROR** to the import from the **GULS Notation** module

Replace **GulsSecurityExchanges** and **gulsSecurityExchanges** with **GulsSecurityExchanges** and **gulsSecurityExchanges** in the import section

Remove the comma after **DistinguishedName** in the import from **InformationFramework**

Change the import statement from **DirectoryAbstractService** to:

SecurityProblem
FROM DirectoryAbstractService directoryAbstractService

In the **spkmThreeWay** construct add a curly right parenthesis at the end

In the **spkmSecondCredentials** construct, change **SPKM-REP-T1** to **SPKM-REP-IT**

Change **dir2or3se** to:

```
dir2or3se ABSTRACT-SYNTAX ::= {  
  SESEapdus {  
    {dirAuthenticationTwoWay | dirAuthenticationThreeWay | spkmThreeWay },  
    { NoInvocationId } }  
  IDENTIFIED BY { id-as-2or3se } }
```

12. Editor's Response:

(any material proposed for processing as an erratum to, an amendment to, or a commentary on the IS or DIS final text/ITU Recommendation or Draft Recommendation is attached separately to this completed report).