

DEFECT REPORT FORM

1. Defect Report Number: **230**

Title: The X.501 ASN.1 type **Issuer** is unknown
2. Source: CEN/ISSS/WS-DIR (ISSS-x501-3)
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.501 (1997) | ISO/IEC 9594-2:1998
8. Qualifier: Error
9. References in Document: 18.1.2.1
10. Nature of Defect: (complete, concise explanation of the perceived problem)

AttributeIntegrityAssertion type includes a reference **Issuer** type, which is undefined.

AttributeIntegrityAssertion is the syntax for a matching rule as shown below:

```
attributeIntegrityMatch MATCHING-RULE ::= {  
  SYNTAX  AttributeIntegrityAssertion  
  ID      id-mr-attributeIntegrityMatch }  
  
AttributeIntegrityAssertion ::= SEQUENCE {  
  issuer      Issuer      OPTIONAL,  
  scope      Scope      OPTIONAL,  
  keyIdentifier KeyIdentifier  OPTIONAL }
```

This matching rule is reference by:

```
attributeIntegrityInfo ATTRIBUTE ::= {  
  WITH SYNTAX  AttributeIntegrityInfo  
  EQUALITY MATCHING RULE  attributeIntegrityMatch  
  ID          id-at-attributeIntegrityInfo}
```

```

AttributeIntegrityInfo ::= SIGNED { SEQUENCE {
  issuer           Name,           -- Authority or data originators name
  scope           Scope,           -- Identifies the attributes protected
  subject        Name OPTIONAL, -- If not present can be implied from Name of entry
  keyIdentifier  KeyIdentifier OPTIONAL,
  attribsHash   AttribsHash } }      -- Hash value of protected attributes

```

It seems evident that the **Issuer** type should instead be **Name**

11. Solution Proposed by the Source: (optional)

In the **AttributeIntegrityAssertion** type, replace **Issuer** with **Name** in 18.1.2.1 and in Annex P

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).