

DEFECT REPORT FORM

1. Defect Report Number : 312

Title: ASN.1 errors in ITU-T Rec. X.501 | ISO/IEC 9594-2 and ITU-T Rec. X.520 | ISO/IEC 9594-6

2. Source : Erik Andersen

3. Addressed to : ISO/IEC JTC1/SC6 and ITU-T SG 17

Editor Group on the Directory

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

(b) ITU-T WP: WP 1

5. Date Circulated by WG Secretariat :

6. Deadline for Response from Editor :

7. Defect Report Concerning :

ITU-T Rec. X.501 (2001) | ISO/IEC 9594-2 : 2001

ITU-T Rec. X.520 (2001) | ISO/IEC 9594-6 : 2001

8. Qualifier : (e.g.: error, omission, clarification required)

Error

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

Subclause 13.6.2 of ITU-T Rec. X.501 | ISO/IEC 9594-2

Subclause 6.8 of ITU-T Rec. X.520 | ISO/IEC 9594-6

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

The MAPPING-BASED-MATCHING information object class in 13.6.2 of ITU-T Rec. X.501 | ISO/IEC 9594-2 specifies OBJECT IDENTIFIER of matching rule as one of the parameters, but when used down in the object class, the object reference is used rather than the object identifier.

Likewise, in ITU-T Rec. X.520 | ISO/IEC 9594-6 the **ZONAL-MATCHING** matching rules uses the object reference instead of the object identifier.

11. Solution Proposed by the Source : (optional)

In 13.6.2 of ITU-T Rec. X.501 | ISO/IEC 9594-2, change:

**MAPPING-BASED-MATCHING**

{ SelectedBy, BOOLEAN:combinable, MappingResult, OBJECT IDENTIFIER:matchingRule } ::=

**CLASS {**

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**&matching-rule                      MATCHING-RULE              (matchingRule),**

to:

#### **MAPPING-BASED-MATCHING**

**{ SelectedBy, BOOLEAN:combinable, MappingResult, OBJECT IDENTIFIER:matchingRule } ::= CLASS {**

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**&matching-rule                      MATCHING-RULE.&id   (matchingRule),**

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In 6.8 of ITU-T Rec. X.520 | ISO/IEC 9594-6, change:

**ZONAL-MATCHING ::= MAPPING-BASED-MATCHING { ZonalSelect, TRUE, ZonalResult, zonalMatch }**

to

**ZONAL-MATCHING ::= MAPPING-BASED-MATCHING { ZonalSelect, TRUE, ZonalResult, zonalMatch.&id }**

#### 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).