

DEFECT REPORT FORM

1. Defect Report Number : 9594/213
Title: Certificate Revocation List Matching Rules

2. Source: US

3. Addressed to: ISO/IEC JTC1/SC 6 and ITU-T Study Group 7
Editor Group on the Directory

4.

5. Date Circulated by WG Secretariat

6. Deadline for Response from Editor

7. Defect Report Concerning :
X.509 (1997) and ISO/IEC 9594-8 (1997)
The Directory: Authentication Framework

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

9. References in Document:
Clause 12.7.6 d

10. Nature of Defect :

Existing text in Clause 12.7.6 reads as follows:
reasonFlags matches if any of the bits that are set in the presented value are also set in the onlySomeReasons components of the issuing distribution point extension of the stored attribute value; there is no match if the stored attribute value contains no issuing distribution point extension .

11. Solution Proposed by the Source:

Replace with:

reasonFlags matches if any of the bits that are set in the presented value are also set in the onlySomeReasons components of the issuing distribution point extension of the stored attribute value; there is also a match if the stored attribute value contains no reasonFlages in the issuing distribution point extension, or if the stored attribute value contains no issuing distribution point extension;

The rationale for this is that the absence of reason code means that the CRL covers all of the reason codes.

12. Editor' s Response:

Accepted solution as proposed by source. Also agreed to add a note indicating that matched CRLs may not contain any revocations for a particular matched reason code. (Vancouver meeting Sept 98)