

DEFECT REPORT FORM

1. Defect Report Number : 9594/212
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

10. Nature of Defect :

CRL matching should include matching on authority key identifier.

This matching rule is necessary in the event the authority has used multiple active keys (e.g. during rekey overlap) to sign same revocation information and has multiple CRLs. The Directory User Agent should be able to indicate to the directory which CRL is of interest.

11. Solution Proposed by the Source:

Add the following to Clause 12.7.6

g) authorityKeyIdentifier matches if the value of this component in the stored attribute value equals that in the presented value; there is no match if the stored attribute value contains no authority key identifier extension or if not all components in the presented value are present in the stored attribute value;

12. Editor' s Response:

Accepted solution as proposed by source. (Vancouver meeting Sept 98)