

DEFECT REPORT FORM

1. Defect Report Number: 9594/256

Title: Populating reverse element of cross-certificate pairs

2. Source: X.509 Editor

3. Addressed to:

- 4. (a)
- (b)

5. Date circulated by WG Secretariat:

6. Deadline for Response from Editor:

7. Defect Report Concerning:

ITU-T X.509 (1997 and 2000 editions) | ISO/IEC 9594-8:1997 and 2000 editions

8. Qualifier:

Clarification

9. References in Document:

1997 edition (clause 8) & 2000 edition (clause 11.2.3)

10. Nature of Defect:

While the description of the cross certificate pair attribute includes the optional 'reverse' element, it does not clarify the conditions under which this is required to be populated.

11. Solution Proposed by the Source:

In the first paragraph of the description of the cross certificate pair attribute (that begins "The forward elements ..."), add the following as a new 3rd sentence.

"If a CA issues a certificate to another CA, and the subject CA is not a subordinate to the issuer CA in a hierarchy, then the issuer CA must place that certificate in the reverse element of the crossCertificatePair attribute of its own directory entry."

12. Editor's Response: