DEFECT REPORT FORM

1. Defect Report Number: 9594/285

Title: Self-signed certs and path processing

2. Source: Flagstaff meeting agreement

3. Addressed to:
4. (a)
   (b)

5. Date circulated by WG Secretariat:

6. Deadline for Response from Editor:

7. Defect Report Concerning: Treatment of self-signed certs in cert path processing

ITU-T X.509 (1997) | ISO/IEC 9594-8: 1998 & ITU-T X.509 (2000) | ISO/IEC 9594-8: 2000

8. Qualifier: Clarification

9. References in Document:

3rd edition, clause 12.4.3 & 4th edition, clauses 10.5.1 & 10.5.2

10. Nature of Defect:

Clause 8.1.5 of the 4th edition text clarifies that self-signed certificates, if encountered in a certification path, shall be ignored. However, the path processing text does not clearly indicate this rule and should be updated accordingly.

11. Solution Proposed by the Source:

In the 3rd edition text, in clause 12.4.3, add the following sentence immediately after the introductory sentence to the 5th and the 6th bullet lists. These introductory sentences begin with "The following checks are applied to a certificate" and "For an intermediate certificate, the following ..."

Self-signed certificates, if encountered in the path, are ignored.

In the 4th edition text, add the following sentence as a new second sentence in the first paragraph in clause 10.5.1 and as a new second sentence in the first paragraph in clause 10.5.2:

Self-signed certificates, if encountered in the path, are ignored.

12. Editor's Response:

Accepted solution proposed by source.