

DEFECT REPORT FORM

1. Defect Report Number: 300

Title: Basic Constraints requirement for path processing

2. Source: Collaborative ITU-T & ISO/IEC meeting on Directory, Washington Sept 2002

3. Addressed to:

4. (a)

(b)

5. Date circulated by WG Secretariat:

6. Deadline for Response from Editor:

7. Defect Report Concerning: Path processing and basic constraints

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

8. Qualifier: Clarification

9. References in Document:

4th edition, 2000 clause 10.5.1

10. Nature of Defect:

For version 3 CA certificates it is mandatory that the `basicConstraints` extension be present and the `cA` component be set to true (see 8.4.2.1 Note 1), however the path processing procedure has not been correctly updated to address this requirement.

11. Solution Proposed by the Source:

In 10.5.1, item b) replace the first sentence with the following:

For an intermediate version 3 certificate, check that **`basicConstraints`** is present and that the **`cA`** component in the **`basicConstraints`** extension is TRUE.

12. Editor's Response:

Accepted solution proposed by source.