1. Defect Report Number: 221
     Title: Conformance for Certificate Extensions

2. Source: Ella Gardner, US

3. Addressed to: ISO/IEC JTC1/SC6 and ITU-T Study Group 7 Editor Group on the Directory

4.   (a) WG Secretariat: US (ANSI)
    (b) ITU-T WP: SG 7/WP 4

5. Date circulated to WG Secretariat:

6. Deadline for Response from Editor:

7. Defect Report Concerning:

ITU-T X.519 (1997) | ISO/IEC 9594-5:1997

8. Qualifier:

Omission

9. References in Document:

Clause 9

10. Nature of Defect:

Conformance clauses are missing for certificate and CRL extensions and for signed operations.

11. Solution recommended by the Source:

Conformance by DUAs
Statement Conformance

Add to 9.1.1 b)
and whether conformance for signed operations is claimed.

Add the following clause:
9.1.1 e)   If conformance is claimed for strong authentication, signed operations, or protected operations, identify the Certificate and CRL extensions for which conformance is claimed.

Static Conformance

Add the following clause:
9.1.2 d)   conform to clause 12 of ISO/IEC 9594-8 | ITU-T Rec.X.509 for the
                   Certificate and CRL extensions for which conformance was claimed in clause
                   9.1.1 e.

Conformance by DSAs
Statement Conformance

Add to 9.2.1 e):
and whether conformance for signed operations is claimed.

Add the following clause:
9.2.1 ad)   If conformance is claimed for strong authentication, signed operations, or
protected operations, identification of the Certificate and CRL extensions for which
conformance is claimed.

Static Conformance
Add the following clause:
9.2.2 x)   conform to clause 12 of ISO/IEC 9594-8 | ITU-T Rec.X.509 for the
                   Certificate and CRL extensions for which conformance was claimed in 9.2.1
                   ad).

12.   Editor's Response:

Accepted at Orlando 99