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**Question(s):** 2/17

Jeju, Korea, 19-28 April 2006

**Ref. : TD 1190**

**Source:** ITU-T SG 17 (Jeju, Korea, 19-28 April 2006)

**Title:** Update to Authority Information Access extensions in RFC 3280

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**LIAISON STATEMENT**

**To:** IETF PKIX WG

**Approval:** Agreed to at ITU-T SG 17 meeting

**For:** Action

**Deadline:**

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The Directory collaborative group (ITU-T SG 17 Question 2 and ISO/IEC JTC 1/SC 6/WG 8) is working on extensions to ITU-T Rec. X.509 | ISO/IEC 9594-8 to support enhanced privilege management infrastructures. One of its requirements is for an attribute certificate to be able to point to information about the issuer of the AC, analogous to the authorityInformationAccess extension for public key certificates defined in RFC 3280.

If the AIA extension could be enhanced to cater for AAs and ACs as well as CAs and PKCs, then there would be no reason to create an equivalent extension in the next edition of X.509.

The enhancement could take the form of updating the semantics of the current extension to make it applicable to any type of certificate, not just PKCs, and also either enhancing the caIssuers accessMethod to make it applicable to any type of certificate, or defining a new accessMethod, say aaIssuers, which is used to list information about AAs that have issued certificates superior to the AA that issued the AC containing this extension.

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