

Telecommunications and Information Exchange Between Systems

ISO/IEC JTC 1/SC 6

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G26 RS Referencing Explanatory Report (RER) Template

SC 6 ISO/IEC 9594-8

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RS Originator IETF

RS Name and Identifier

IETF RFC 4325: Internet X.509 Public Key Infrastructure Authority Information Access Certificate Revocation List (CRL) Extension.

1. Justification Statement

1.1 Relationship to International Standards

RFC 4325 is used in many Public Key Infrastructure standards.

1.2 Degree of Market Acceptance

Authority Information Access CRL Extension is widely used in Public Key Infrastructures for Internet applications.

1.3 Rationale for Non-transposition

RFC 4325 has achieved stability and does not require transposition into a formal ISO standard.

2. Co-operative stance

IETF has liaison activities with many other organizations and several JTC 1 subcommittees (see <http://www.ietf.org/liaisonActivities.html>).

2.1 Ongoing maintenance

The Internet Engineering Steering Group (IESG) is responsible for ongoing maintenance of the RFCs when the need arises. Comments on RFCs and corresponding changes are accommodated through the existing standardization process. Each revision of a given RFC has a different RFC number, so no confusion is possible. All RFCs always remain available on-line. An index of RFCs and their status may be found in the IETF archives at <http://www.rfc-editor.org/rfc.html>.

2.2 Changes

An RFC is never changed and remains available. If changes are needed, a new RFC has to be published.

2.3 Availability of the referenced specification

RFC 4325 is freely available and can be downloaded from the IETF Web site (<http://www.ietf.org/rfc>).

3. Intellectual property rights

Distribution of RFCs is unlimited. IETF IPR policy is defined in <http://www.ietf.org/rfc/rfc3979.txt> : In all matters of Intellectual Property Rights, the intent is to benefit the Internet community and the public at large, while respecting the legitimate rights of others.

Current information about IPR, if any, can be found on the Web page <http://www.ietf.org/ipr.html>

4. Quality

RFC 4325 was published in December 2005 (<http://www.ietf.org/rfc/rfc4325.txt>). The status is PROPOSED STANDARD.

RS Name and Identifier

IETF RFC 5280: Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile.

1. Justification Statement

1.1 Relationship to International Standards

RFC 5280 is used in many Public Key Infrastructure standards.

1.2 Degree of Market Acceptance

The profile defined in RFC 5280 is widely used in Public Key Infrastructures for Internet applications..

1.3 Rationale for Non-transposition

RFC 5280 has achieved stability and does not require transposition into a formal ISO standard.

2. Co-operative stance

IETF has liaison activities with many other organizations and several JTC 1 subcommittees (see <http://www.ietf.org/liaisonActivities.html>).

2.1 Ongoing maintenance

The Internet Engineering Steering Group (IESG) is responsible for ongoing maintenance of the RFCs when the need arises. Comments on RFCs and corresponding changes are accommodated through the existing standardization process. Each revision of a given RFC has a different RFC number, so no confusion is possible. All RFCs always remain available on-line. An index of RFCs and their status may be found in the IETF archives at <http://www.rfc-editor.org/rfc.html>.

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Current information about IPR, if any, can be found on the Web page <http://www.ietf.org/ipr.html>

4. Quality

RFC 5280 was published in May 2008 (<http://www.ietf.org/rfc/rfc5280.txt>). The status is PROPOSED STANDARD.