Public Key Infrastructure Using X.509 (PKIX) Working Group

August 1, 2012    1510-1710
IETF 84 - Vancouver
PKIX WG (pkix-wg)

- Web page: charter, current documents
  - http://datatracker.ietf.org/wg/pkix/charter/
- Mailing List: pkix@ietf.org
  - To Subscribe: pkix-request@ietf.org
  - Archive: http://www.ietf.org/mail-archive/web/pkix/
- Chairs
  - Stephen Kent kent@bbn.com
  - Stefan Santesson stefan@aaa-sec.com
- Security Area Director
  - Sean Turner turners@ieca.com
PKIX Agenda for 84th IETF in Vancouver

• Status and Direction
  – Document Status Overview, Stefan Santesson
  – Direction of the working group, Sean Turner

• WG documents
  – RFC2560bis, Stefan Santesson
  – RFC5280 Clarifications, Peter Ye, Steve Kent
  – Enrollment over Secure Transport, Max Pritikin
  – DNS Certification Authority Authorization (CAA), Phil H. Baker
    • Comments on CAA by Richard Barnes

• Related specifications and Liaison
  – Text Encodings of PKIX and CMS Structures, Sean Leonard
  – A URN Namespace for Certificates, Sean Leonard
  – OCSP over DNS, Scott Rea
  – OCSP hash of cert extension, Phil H. Baker
Status since last meeting

- 1 New RFCs published
- 1 documents in RFC Editor’s Queue
- 1 documents in IESG processing
- 4 drafts currently in WG process
New RFCs published

- RFC 6664 – July 2012
  - S/MIME Capabilities for Public Key Definitions
In RFC Editor’s Queue

• Internet X.509 Public Key Infrastructure -- HTTP Transfer for CMP
  – draft-ietf-pkix-cmp-transport-protocols-20
In IESG Processing

• DNS Certification Authority Authorization (CAA) Resource Record
  – AD Evaluation::Revised ID Needed
    • draft-ietf-pkix-caa-11
# Active WG Documents

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<td>CMC server key generation</td>
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<td>Enrollment over secure transport</td>
<td>est-02</td>
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