RELOAD Base

Status and Changes -- IETF 85

Change 1:
Cert Reequest Auth

- Username and password come from request form, not HTTP auth

- Already clear in 11.3 bullet 1and following text. No change ...

Change 2: Clarification of hash value in 7.4.3

- Old def:
  hash_value: A digest of the value using hash_algorithm.

- New def:
  hash_value: A digest of the value using hash_algorithm on the value field of the DataValue including its 4 leading length bytes

Change 3: Refresh of finger table in 10.7.4.2

- Clarified text, made base 1 instead of base 0 for search.

Change 4: Delete multi-broad- and any-cast

- Marc is working on it; -24 should have it moved to a separate draft. See slide at end of this deck ....

Change 5: Connection table

- Changed "Connection Table" to "Neighbor Table"

Change 6: Signing of configuration table 11.1

- Clarified that configuration file is always signed.

Change 7:
Config path name 11.1

- Changed path:
  /.well-known/p2psip-enroll
      to
  /.well-known/reload-config

- Changed DNS SRV name:
  p2psip-enroll
      to
  reload-config

- Change port name, add UDP assignment

Change 8:
self-signed certificates with multiple Node-IDs in 11.3.1

- The index of the node-ID MUST be prepended as a 4-byte big-endian integer to the DER representation of the user's public key and taking the high-order bits.

Other changes

- Updated references and fixed many typos.

- Changed ForwardingOptionsType to ForwardingOptionType (was mixed up)

- Replaced PDU acronym with appropriate nouns

Open Issue 1: Re-issuing certificates

- [S]ection [11].3: "The enrollment server SHOULD maintain a mapping of users to node-ids and if the same user returns (e.g., to have their certificate re-issued) return the same Node-ID, thus avoiding the need for implementations to re-store all their data when their certificates expire."

  - How does this work if the user requested multiple certificates from the same login?

  - How does this work if the number of Node-Ids requested changes?

- Concluded to take this to list at -84 ....

Open Issue 2 (from notes in XML)

- Check if the Qualcomm IPR issued and if anything can be done

Open Issue 3
(from notes in XML)

- in NODE-MULTIPLE, you need to gen and text all i which seems lame

Open Issue 3 (from notes in XML)

- `JoinReq and LeaveReq have a node ID in them and it is a potential confusing and useless — should we remove this.`