DECADE WG @ IETF 82
DECoupled Application Data Enroute

Richard Woundy

Haibin Song

Welcome to DECADE!

- Chairs:
  - Richard Woundy
  - Haibin Song
- Jabber Scribe
  - decade@ietf.org
- Notes
- Blue sheets

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Agenda

- Agenda bash and draft status, Chairs, 10 minutes, 1740-1750
- Integration Examples, draft-ietf-decade-integration-example-02, Danhua Wang, 1750-1800
- Proposed revisions to charter text, Chairs, 1800-1815
- Named Information (ni) Names, draft-farrell-decade-ni-00, draft-hallambaker-decade-ni-params-00, Stephen Farrell, 1815-1830
- Design Considerations for a DECADE SDT, draft-kutscher-decade-protocol-00, Dirk Kutscher, 1830-1840
- An HTTP-based DECADE Resource Protocol, draft-wang-decade-drp-01, Danhua Wang, 1840-1850
- Content Replication and Access, draft-yry-decade-replication-00, Ning Zong, 1850-1900

Status of DECADE drafts

- We have published Survey as RFC 6392!
- We have already finished WGLC for Requirements and Architecture; they will be submitted to IESG soon after final edits
- The problem statement draft is in AD evaluation, expect it to be published before next IETF
- The next step is to finish the Integration Examples draft
- More WG drafts are expected after re-chartering

Re-charter - proposed text(1)

- Fourth, the WG will develop a standard protocol between applications and in-network storage, with which applications can store/retrieve/delete objects in in-network storage. The protocol allows specification of access control, resource sharing, and content replication parameters for content delivery that will be implemented by the in-network storage. One mandatory data transport will be specified to improve interoperability. A minimum set of data and storage control attributes might also be needed.

- Question: what existing IETF protocols will we leverage for the 'standard protocol'? What about CDMI?

Re-charter - proposed text(2)

- Fifth, a discovery mechanism for user to locate the serving in-network storage node is required.

Re-charter - proposed text(3)

- One mandatory naming scheme is required for interoperability. Certain content de-duplication and security properties may be improved depending on the chosen naming scheme. The WG will first try to identify an existing naming scheme for reuse. If there is not an appropriate one, a naming scheme will be developed in this WG but will also be applicable to other WGs that have similar requirements.

New Milestones

Existing DECADE charter milestones
- Nov 2011 Submit Requirements document to IESG as Informational
- Nov 2011 Submit Architecture document to IESG as Informational

New DECADE proposed charter milestones
- Feb 2011 Working Group Last Call for DECADE Integration Examples
- Mar 2012 Submit DECADE Integration Examples to IESG as Informational
- Nov 2012 Working Group Last Call for the DECADE Discovery
- Nov 2012 Working Group Last Call for DECADE protocol
- Mar 2013 Submit DECADE Discovery to IESG as Informational
- Mar 2013 Submit DECADE Protocol to IESG as Proposed Standard

Thank you!

See you in Paris at IETF 83!