CDNI Working Group (CDN Interconnect)

Welcome to CDNI

- IETF-100 Meeting Chairs:
  - Kevin Ma (remote)
  - Phil Sorber (sitting in for Francois Le Faucheur)
- One session
  - Thursday, November 16, 2017, 18:10-19:10, Sophia
  - Remote attendance/presentations via Meetecho
- Minute takers?
- Blue sheets

Note Well

- **Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:**

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  - **Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices**

  - **Any IETF working group or portion thereof**

  - **Any Birds of a Feather (BOF) session**

  - **The IAB or any member thereof on behalf of the IAB**

  - **The RFC Editor or the Internet-Drafts function**

- **All IETF Contributions are subject to the rules of RFC 5378 and RFC 8179.**

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Agenda

- **Opening**
  - Agenda bashing & introduction: Chairs (5 mins)
  - Document status update: Chairs (5 mins)

- **CDNI URI Signing**:
  - draft-ietf-cdni-uri-signing : Phil Sorber (10 mins)

- **HTTPS Delegation**
  - draft-fieau-cdni-interfaces-https-delegation: Frederic Fieau (10 mins)

- **SVA OC Extensions**
  - draft-finkelman-cdni-sva-extensions-00: Ori Finkelman (25 min)

- **Closing**
  - Conclusions and next steps: Chairs (5 mins)

Working Group Milestones: Published RFCs

- RFC 6707: CDNI Problem Statement (Informational)
- RFC 6770: CDNI Use Cases (Informational)
- RFC 6983 : Models for HTTP-Adaptive-Streaming-Aware CDNI (Informational/Independent Submission)
- RFC 7336: Framework for Content Distribution Network Interconnection (Informational)
- RFC 7337: Content Distribution Network Interconnection (CDNI) Requirements (Informational)
- RFC 7736: CDNI Media Type Registration (Informational)

Working Group Milestones: Published RFCs

- RFC 7937 Content Distribution Network Interconnection (CDNI) Logging Interface (Proposed Standard)
- RFC 7975 Request Routing Redirection Interface for Content Delivery Network (CDN) Interconnection (Proposed Standard)
- RFC 8006 Content Delivery Network Interconnection (CDNI) Metadata (Proposed Standard)
- RFC 8007 Content Delivery Network Interconnection (CDNI) Control Interface / Triggers (Proposed Standard)
- RFC 8008 Content Delivery Network Interconnection (CDNI) Request Routing: Footprint and Capabilities Semantics (Proposed Standard)

Working Group
Remaining Milestones

- CDNI Requirements : Done (Informational)
- CDNI Framework: Done (Informational)
- CDNI Logging interface : Done (PS)
- CDNI Metadata interface: Done (PS)
- CDNI Redirection interface: Done (PS)
- CDNI Control interface (Triggers) : Done (PS)
- CDNI Footprint & Capabilities Adv - Semantics: Done (PS)
- URI Signing for CDNI: ? (PS)

Working Group
Remaining Milestones

- CDNI Requirements : Done (Informational)
- CDNI Framework: Done (Informational)
- CDNI Logging interface : Done (PS)
- CDNI Metadata interface: Done (PS)
- CDNI Re~~quest Interface~~: Done (PS)
- One new Errata Filed for the Metadata interface
- URI Signing for CDNI: ? (PS)

Working Group
Remaining Milestones

- CDNI Requirements : Done (Informational)
- CDNI Framework: Done (Informational)
- CDNI Logging interface : Done (PS)
- CDNI Metadata interface: Done (PS)
- CDNI Redirection interface: Done (PS)
- CDNI Control interface (Triggers) : Done (PS)
- CDNI Footprint & Capabilities Adv - Semantics: Done (PS)
- URI Signing for CDNI: ? (PS)

- draft-ietf-cdni-uri-signing update to be discussed today

Beyond Working Group Milestones

- CDNI Rate Pacing
- CDNI handling of HTTPS Delegation
- ~~CDNI Extensions for Streaming Video Alliance (SVA)~~
- Updated I-D discussing CDNI extensions for ACME STAR and TLS Subcerts

Beyond Working Group Milestones

- CDNI Rate Pacing

- CDNI handling of HTTPS Delegation

- CDNI Extensions for Streaming Video Alliance (SVA) Open Caching (OC)

- New I-D discussing CDNI extensions for SVA OC

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Chair Questions

- Is HTTPS Delegation something the WG should take on (ACME STAR vs Subcerts vs others to be decided by the WG)?

- Are the SVA OC extensions something the WG should take on (Metadata extensions, Triggers extensions, Split Authentication support, CORS Delegation support, and Alternate logging configuration, or any mix thereof to be decided by the WG)?