CDNI Working Group (CDN Interconnect)
Welcome to CDNI

• IETF-99 Meeting Chairs:
  – Kevin Ma (remote)
  – Phil Sorber (sitting in for Francois Le Faucheur)

• One session
  – Remote attendance/presentations via Meetecho

• Minute takers?

• Blue sheets
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- The IAB or any member thereof on behalf of the IAB
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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)

• CDNI interfaces update for HTTPS delegation
  – draft-fieau-cdni-interfaces-https-delegation: Frederic Fieau (5 mins)

• Closing
  – New work: (5 min)
  – 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 Redirection interface: Done (PS)
• CDNI Control interface (Triggers) : Done (PS)
• CDNI Footprint & Capabilities Adv - Semantics: Done (PS)

• Three new Errata Filed for Control interface Triggers
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 rewrite for JWT to be discussed today
Beyond Working Group Milestones

• CDNI Rate Pacing
• CDNI handling of HTTPS Delegation
• CDNI Extensions for Streaming Video Alliance (SVA)
• New I-D discussing CDNI extensions for ACME STAR
Beyond Working Group Milestones

- CDNI Rate Pacing
- CDNI handling of HTTPS Delegation
- CDNI Extensions for Streaming Video Alliance (SVA) Open Caching (OC)

- I-D expected discussing CDNI extensions for SVA OC
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