

CDNI Working Group (CDN Interconnect)

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Richard Woundy

Welcome to CDNI

- Chairs:
 - Francois Le Faucheur
 - Richard Woundy
- Two sessions
 - Thursday 1300-1500
 - Friday 0900-1100
- Using WebEx instead of Jabber
 - <http://www.ietf.org/meeting/83/remote-participation.html>
- Meeting minutes
- Blue sheet

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 working group or portion thereof
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 - The RFC Editor or the Internet-Drafts function
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- A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.

Working Group Milestones

- Dec 2011 Submit CDNI problem statement to IESG as Informational
- Mar 2012 Submit CDNI use cases to IESG as Informational
- Jun 2012 Submit CDNI framework to IESG as Informational
- Jun 2012 Submit CDNI requirements to IESG as Informational
- Dec 2012 Submit specification of the CDNI Request Routing interface to IESG as Proposed Standard
- Dec 2012 Submit specification of the CDNI Logging interface to IESG as Proposed Standard
- Dec 2012 Submit specification of the CDNI Control interface to IESG as proposed Standard
- Jun 2013 Submit specification of the CDNI Metadata Distribution interface to IESG as Proposed Standard
- Jun 2013 Recharter or dissolve

Working Group

Held back by WG decision on how to deal with HTTP Adaptive Streaming

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- Mar 2012 Submit **CDNI network** to IESG as Informational
- Jun 2012 Submit **CDNI requirements** to IESG as Informational
- Dec 2012 Submit specification of the **CDNI Request Routing interface** to IESG as Proposed Standard
- Dec 2012 Submit specification of the **CDNI Logging interface** to IESG as Proposed Standard
- Dec 2012 Submit specification of the **CDNI Control interface** to IESG as proposed Standard
- Jun 2013 Submit specification of the **CDNI Metadata Distribution interface** to IESG as Proposed Standard
- Jun 2013 Recharter on **CDNI**

- * Redirection: 1 I-D, but not discussed at this meeting or on list
- * Footprint & Cap Advertisement: (too) many I-Ds

Agenda (1/2)

Thursday, March 29

- Agenda bashing & Introduction: Chairs (5 mins)

Base documents

- Problem Statement update, [draft-ietf-cdni-problem-statement-04: Chairs \(5 mins\)](#)
- Use Cases for CDN interconnection, [draft-ietf-cdni-use-cases-03: Giles Bertrand \(10 mins\)](#)
- Framework (discussion on design trade-offs),
[draft-davie-cdni-framework-01: Larry Peterson \(20 mins\)](#)
- Models for adaptive-streaming-aware CDN Interconnection,
[draft-brandenburg-cdni-has-00: Ray Brandenburg \(10 mins\)](#)
- Framework (discussion on reflecting adaptive streaming design trade-offs in framework): led by Larry Peterson (10 mins)
- Requirements (raising and discussing open items),
[draft-ietf-cdni-requirements-01: Kent Leung \(15 mins\)](#)

CDNI Metadata

- CDNI Core Metadata (progress on merge of proposals),
[draft-caulfield-cdni-metadata-core-00 and draft-jenkins-cdni-metadata-00: Matt Caulfield & Ben Niven Jenkins \(10 mins\)](#)
- ~~Metadata for CDNI, [draft-stephan-cdni-usecases-metadata-00: Emile Stephan \(10 mins\)](#)~~
- CDNI Metadata interface, [draft-liu-cdni-metadata-interface-01: Xiaoyan He \(10 mins\)](#)
- CDNI Metadata - open discussion: (10 mins)

Agenda (2/2)

Friday, March 30

CDNI Triggers (NOTE: this topic may get started at the end of the Thursday session if time permits)

- CDN Interconnect Triggers, [draft-murray-cdni-triggers-00: Rob Murray \(10 mins\)](#)
- CDNI Trigger - open discussion: (5 mins)

CDNI Logging

- CDNI Logging Interface, [draft-bertrand-cdni-logging-00: Gilles Bertrand \(10 mins\)](#)
- CDNI Logging Formats for HTTP deliveries, [draft-lefaucheur-cdni-logging-delivery-00: Francois Le Faucheur \(10 mins\)](#)
- CDNI Logging - open discussion: (10 mins)

CDNI Request Routing

- CDNI Request Routing: Footprint and Capabilities Semantics, [draft-spp-cdni-rr-foot-cap-semantics-00: Jan Seedorf \(10 mins\)](#)
- CDN Footprint Discovery, [draft-bertrand-cdni-footprint-discovery-00: Gilles Bertrand \(8 mins\)](#)
- CDNI Footprint Advertisement, [draft-previdi-cdni-footprint-advertisement-01: Stefano Previdi \(10 mins\)](#)
- CDNI Request Routing with ALTO, [draft-seedorf-cdni-request-routing-alto-01: Jan Seedorf \(10 mins\)](#)
- ALTO extensions for CDNI, [draft-stephan-cdni-alto-session-ext-00: Emile Stephan \(8 mins\)](#)
- Capability Information Advertising for CDN Interconnection, [draft-he-cdni-cap-info-advertising-01: Xiaoyan He \(8 mins\)](#)
- CDNI Request Routing - open discussion: (15 mins)
- Conclusion and next steps: Chairs (5 mins)

Next Steps

- Shepherd problem-statement through IETF/IESG review
- WG Last Call on use-cases
- Update framework and prepare for WG Last Call
- Converge on proposals for Metadata
- Converge on proposals for “Request Routing Interface – Footprint & Capabilities Advertisement”
- Discussion on proposal for “Request Routing Interface – Redirection”
- Discussion on proposals for Logging and Triggers