CDNI Working Group
(CDN Interconnect)

Welcome to CDNI

- IETF-96 Meeting Chairs:
  - Francois Le Faucheur
  - Kevin Ma
- One session
  - Wednesday, July 20, 2016, 14:00-15:30, Lincke
  - Remote attendance/presentations via Meetecho
- Minute takers?
- Blue sheets

Note Well

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  - Any Birds of a Feather (BOF) session
  - 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 (10 mins)

- **CDNI Metadata**
  - CDNI Metadata, draft-ietf-cdni-metadata: Kevin Ma (10 mins)

- **CDNI Footprint & Capabilities Advertisement interface (FCI)**
  - draft-ma-cdni-capabilities: Kevin J. Ma (5 min)
  - draft-seedorf-cdni-request-routing-alto: Jan Seedorf (10 min)

- **CDNI Request Routing Redirection interface:**
  - draft-ietf-cdni-redirection : Ray van Brandenburg (10 mins)

- **CDNI URI Signing**:
  - draft-ietf-cdni-uri-signing : Ray van Brandenburg (10 mins)
  - draft-brandenburg-cdni-uri-signing-for-has : Ray van Brandenburg (10 mins)

- **HTTPS and delegation of encrypted traffic between interconnected CDNs**
  - draft-cdni-fieau-lurk-https-delegation: Frederic Fieau (10 mins)

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

Working Group Milestones: Published RFCs

- RFC 6707: CDNI Problem Statement (Informational)
- RFC 6707: 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: in "RFC Editor Queue"

- RFC TBD: CDNI Footprint & Capabilities Semantics (Proposed Standard)
- RFC TBD: CDNI Logging Interface (Proposed Standard)
- RFC TBD: CDNI Control (Triggers) Interface (Proposed Standard)

Working Group
Remaining Milestones

- CDNI Requirements : Done (Informational)
- CDNI Framework: Done (Informational)
- CDNI Logging interface : Done (PS)
- CDNI Metadata interface: (PS)
- CDNI R͟͟͟͟͟erface: (PS)

- Under IESG Review

- 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: (PS)

- CDNI Redirection interface: (PS)

- CDNI C_____ f___ (Triggers) : Done (PS)

- Under IESG Review

Working Group
Remaining Milestones

- CDNI Requirements : Done (Informational)

- CDNI Framework: Done (Informational)

- Two individual I-Ds discussed today:
    - draft-ma-cdni-capabilities
    - draft-seedorf-cdni-request-routing-alto

- CDNI Control Interface (Triggers) : Done (PS)

- CDNI Footprint & Capabilities Adv - Semantics: Done (PS)

- CDNI Footprint & Capabilities Adv Iface: (PS)

- URI Signing for CDNI: (PS)

Working Group
Remaining Milestones

- CDNI Requirements : Done (Informational)

- CDNI Framework: Done (Informational)

- CDNI Logging interface : Done (PS)

- draft-ietf-cdni-uri-signing under WG Last Call
- draft-brandenburg-cdni-uri-signing-for-has for handling of HTTP Adaptive streaming to be discussed today

- CDNI Fo... & Capabilities Adv Iface: (PS)

- URI Signing for CDNI: (PS)

Beyond Working Group Milestones

- CDNI Rate Pacing
- CDNI handling of HTTPS Delegation

- New I-D discussing use of LURK for CDNI

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Back-up Slides

Final Interface Names

- **CI**: CDNI Control interface

- **MI**: CDNI Metadata interface

- **LI**: CDNI Logging interface

- **RI**: CDNI Request Routing Redirection interface

- **FCI**: CDNI Footprint & Capabilities Advertisement interface

CDNI Expanded Reference Model
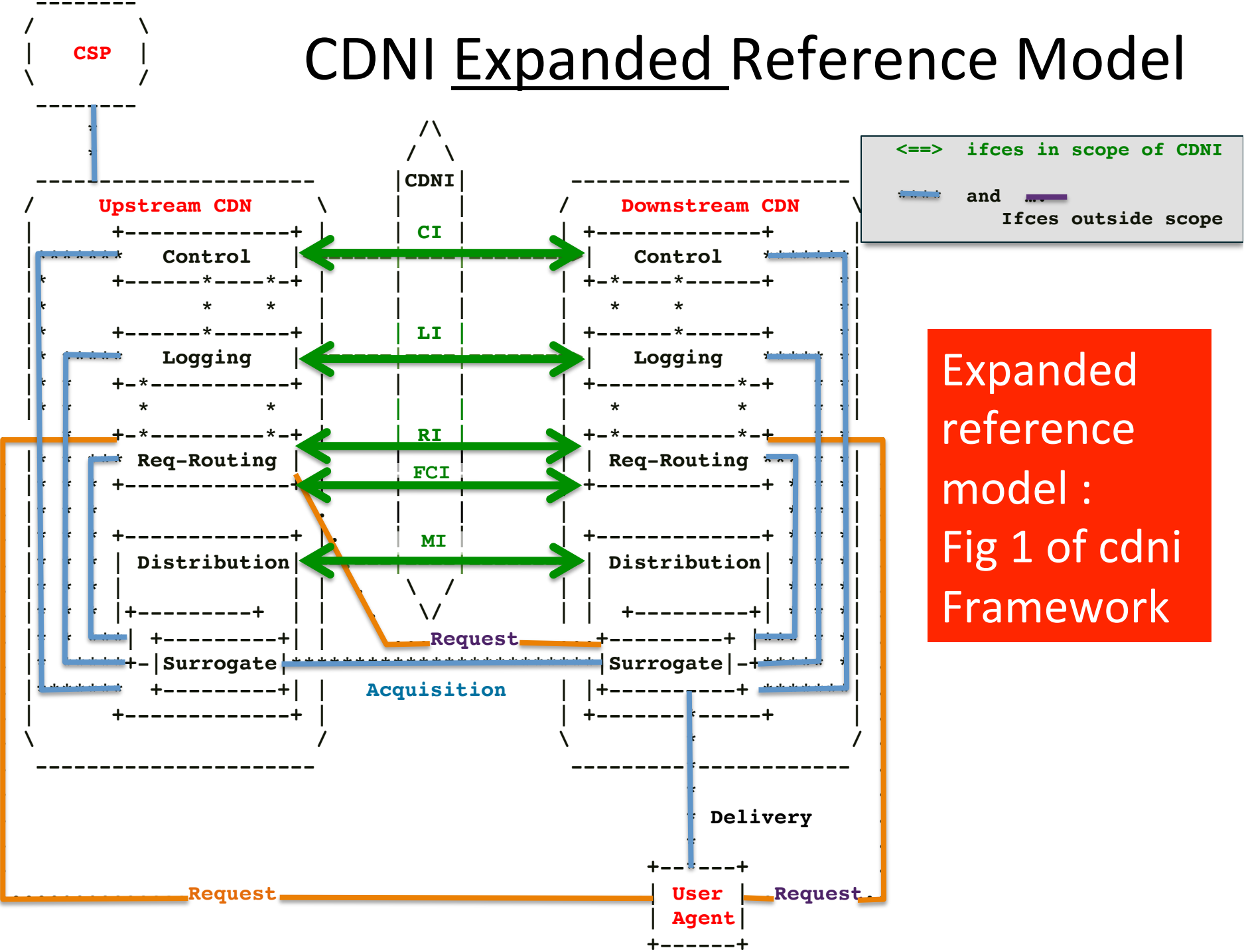
Expanded reference model : Fig 1 of cdni Framework