Softwire

IETF 85
Preparation

• Blue sheet
• Note taker?
• Jabber room?
• ...

Note Well

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Agenda: 1300-1500 Tues. @Salon C

• 1. Administrative and WG document status(Chairs) - 15 minutes
• 2. Stateless IPv4 over IPv6 -- 100 minutes
  – MAP-Encapsulation – Ole Troan, 20 min
  – Stateless IPv4 over IPv6 report - Shishio Tsuchiya, 10 min
  – MAP deployment, Qiong Sun, 10 min
  – MAP-Translation, Xing Li, 10 min
  – 4rd draft and implementation update, Sheng Jiang, 15 min
  – Mib and Radius for MAP-E, Bing Liu, 15 min
  – Use Case for MAP-T, Roberta Maglione, 10 min
  – Multicast Support for 4rd, Behcet Sarikaya, 10 min
Agenda: 1300-1430 Wed. @Salon C

• 1. Chartered MIB Documents – 20 min
  – Softwire Mesh MIB - Yuchi Chen, 10 min
  – 6rd MIB - Shishio Tsuchiya, 10 min
• 2. Per-subscriber Stateful IPv4 over IPv6 – 30 min
  – Lightweight 4over6 – Peng Wu, 10 min
  – Lw4over6 Deterministic Architecture – Ian Farrer, 10 min
  – Lightweight 4over6 Interop Test Report - Yuchi Chen, 10 min
• 3. Parameter Provisioning with non-DHCP-PD in Carrier-side Stateless Solution – Gang Chen, 10 min
• 4. Multicast Support for Dual Stack Lite – Yiu Lee, 10 min
• 5. RADIUS Extensions for IPv4-Embedded Multicast and Unicast IPv6 Prefixes - Mohamed Boucadair, 10 min
Outcome after Vancouver Meeting

• RFC 6674
  – Gateway-Initiated Dual-Stack Lite Deployment

• Submitted 3 wg documents to IESG
  – draft-ietf-softwire-6rd-radius-attrib
  – draft-ietf-softwire-dslite-deployment
  – draft-ietf-softwire-stateless-4v6-motivation

• Adopted 5 documents on MAP/4RD

• 35 new drafts or new versions
WG Docs Submitted to IESG

• **draft-ietf-softwire-stateless-4v6-motivation**
  – Submitted to IESG, received DISCUSSES
  – Major comments:
    • 15 features in Section 3 aren’t discussed;
    • Some expressions are hard to parse;
    • It avoids tradeoffs

• **draft-ietf-softwire-dslite-deployment**
  – Submitted to IESG, received DISCUSSES
  – Major Comments:
    • Remove section 2.4
    • Give many implementation advices, not deployment advices
    • Restate protocol details

• **draft-ietf-softwire-6rd-radius-attrib**
  – Submitted to IESG
WG Document Status

- **draft-ietf-softwire-public-4over6**
  - WGLCed, -04 version is available
  - Will issue another WGLC before submission to IESG

- **Documents on multicast**
  - **draft-ietf-softwire-dslite-multicast**
    - WGLCed, -04 version is available
  - **draft-ietf-softwire-multicast-prefix-option**
    - Stable and mature, Ready for WGLC?
  - **draft-ietf-softwire-mesh-multicast**
    - Stable and mature, Ready for WGLC?

- **MIBs**
  - We have DS-Lite MIB, Mesh MIB
  - We don’t have 6RD MIB
New WG Docs Adopted

• draft-ietf-softwire-map-02
  – MAP-E only
  – Published as Standard Track doc

• draft-ietf-softwire-map-t
  – MAP-T only
  – Adopted as Experimental doc

• draft-ietf-softwire-4rd
  – Adopted as Experimental doc

• draft-ietf-softwire-map-deployment
• draft-ietf-softwire-map-dhcp-option