v6ops

v6ops working group

IETF-59
Seoul

Monday & Thursday 1st and 4th Mar 2004

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Agenda for 1st session

Agenda: Monday 1st Mar, 1530-1730

- (NOTE: more verbose agenda on the web!)

- Introduction and agenda bashing - 5 mins, Chairs/Jonne
- Document status - 10 mins, Chairs/Pekka
- Introducing IPv6 in MPLS Networks - 20 mins
- "Zero-configured" / "Opportunistic" Tunneling Discussion - 40 mins, Chairs
  - Zero-conf: 3GPP UE tunneling, Unmanaged tunnel service, etc.
  - Opportunistic: Teredo, 6to4
- IPv6 Distributed Security Requirements - 10 mins, Palet
  - http://www.consulintel.euro6ix.org/ietf/draft-palet-v6ops-ipv6security-00.txt
- Quarantine Security Model - 10 mins, Kondo
  - draft-kondo-quarantine-overview-00.txt
- IPv6 Security Overview - 10 mins, Savola
  - draft-savola-v6ops-security-overview-02.txt

Agenda 2nd session

Agenda: Thursday 4th Nov 1530-1730
- (NOTE: more verbose agenda on the web!)

- [[Room for late additions]]
- ISP Scenarios/Solutions - 15 mins, Lind
  - draft-ietf-v6ops-isp-scenarios-analysis-01.txt
- Transition mechanisms update - 10 mins, Chairs/Pekka
  - draft-ietf-v6ops-mech-v2-02.txt
  - draft-savola-v6ops-mechv2-interop-impl-template-00.txt
- 6to4 Security Considerations - 10 mins, Savola
  - draft-ietf-v6ops-6to4-security-01.txt
- 6to4 Usage Statistics - 10 mins, Savola
- IPv6 Applications Transition, 10 mins, Shin
  - draft-ietf-v6ops-application-transition-01.txt
- IPv6 Renumbering Procedures, 10 mins, Baker
  - draft-ietf-v6ops-ipv6-renumber-procedure-00.txt
- IPv6 Mobility Scenarios/Requirements in 3GPP2, 10 mins, Williams
  - loosely based on draft-yamamoto-mipv6node-v4trav-00.txt

Document Status: RFCs

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- ☐ Trans-mech
  - ○ PS, revision sent to IESG for PS, no IETF LC yet.
  - ○ Soon need to figure out impl & interop reports
- ☐ NAT-PT
  - ○ PS, NAT-PT applicability draft would require revision
- ☐ SIIT
  - ○ PS, NAT-PT applicability draft also includes SIIT
- ☐ 6TO4
  - ○ PS, 6to4 security analysis is WG item, presented on Thu
- ☐ 6TO4 anycast
  - ○ PS, no activity
- ☐ 3GPP scenarios
  - ○ Informational, analysis in IETF LC

Document Status: WG documents (1/3)

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- ☐ 3GPP analysis, at -08
  - ○ Sent to the IESG; some minor issues raised by AD
  - ○ In IETF LC, ending 1st March
  - ○ UE tunneling to be considered separately
- ☐ Unmanaged scenarios, at -03
  - ○ In the final throes of the RFC-Editor process
- ☐ Unmanaged analysis, at -01
  - ○ WG Last Call just ended
  - ○ Will likely need revision, then send to the IESG?
  - ○ Try to work on some consensus on the mechanisms proposed
- ☐ ISP Scenarios & Analysis, at -01
  - ○ WG Last Call just ended
  - ○ Need to resolve MPLS networks recommendation
    - ▷ If possible, send it to the IESG in Mar/Apr

Document Status: WG documents (2/3)

- ☐ Enterprise scenarios, at -01
  - ○ Waiting for feedback, revision after Seoul
  - ○ WG Last Call after that
- ☐ Enterprise solutions
  - ○ No current work -- feel free to write something
    - ▷ Sooner rather than later!
- ☐ Trans-mech update, at -02
  - ○ Status: sent to the IESG for PS, not reviewed by AD yet
  - ○ Implementation & Interop report template proposed
    - ▷ To be discussed
- ☐ Application Transition, at -01
  - ○ Revised, and English proofread; in WG Last Call
  - ○ To be sent off to the IESG after that.

Document Status: WG documents (3/3)

- ☐ IPv6-on-by-Default, at -01
    - ○ To be WG last called after Seoul
    - ○ Presentation dropped because of last-minute cancellation
- ☐ Onlink assumption, at -00
    - ○ To be revised and WG LC'ed after Seoul
- ☐ 6to4 security, at -01
    - ○ Solicit feedback on -01; presentation on Thursday
    - ○ Revise once? before WG LC.
- ☐ Renumbering procedures, at -00
    - ○ Solicit feedback
    - ○ Try to finish just before/around San Diego IETF?
- ☐ IPv4 surveys
    - ○ All done -- being edited by RFC editor

Other work to be done

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- □ Very critical work
  - ○ IPv6 in MPLS networks resolution
  - ○ "Tunneling service" resolution
  - ○ "Opportunistic" tunneling resolution
- □ Follow-up work
  - ○ Protocol work
    - ▷ Either here or in other WGs
- □ Potential new work
  - ○ IPv6 Security Overview?

Document Status: others

Document Status: some other interesting documents

- A view of transition architecture
  - draft-savola-v6ops-transarch-03.txt
- IPv6 DNS Issues and Considerations
  - draft-ietf-dnsop-ipv6-dns-issues-04.txt
  - draft-ietf-dnsop-misbehaviour-against-aaaa-00.txt
  - etc.
- Unique Local IPv6 Unicast Addresses
  - draft-ietf-ipv6-unique-local-addr-03.txt
- 3GPP2 or other IPv6 Mobility scenarios
  - [several drafts]
- Guide to mapping IPv4 subnets into IPv6
  - draft-schild-v6ops-guide-v4mapping-00.txt