

v6ops working group

IETF-56

San Francisco

Wednesday, 19 Mar 03

co-chairs:

Margaret Wasserman <mrw@windriver.com>,

Jun-ichiro itojun Hagino <itojun@iijlab.net>,

Bob Fink <bob@thefinks.com>

Where to find v6ops info

- 6bone web site:
minutes, mail list, projects status
<<http://www.6bone.net/v6ops/>>
- IETF web site:
charter, milestones, current drafts and RFC's
<[http://www.ietf.org/html.charters/
v6ops-charter.html](http://www.ietf.org/html.charters/v6ops-charter.html)>

Agenda 1/2

Status of v6ops projects - Margaret, 20 mins

3GPP Analysis draft – Juha Wiljakka, 10 mins

[draft-ietf-v6ops-3gpp-analysis-02.txt](#)

UNMAN analysis draft – Christian Huitema, 15 mins

[draft-huitema-ngtrans-unmaneval-01.txt](#)

ISP Scenarios – Mikael Lind, 5 mins

[draft-mickles-v6ops-isp-cases-05.txt](#)

IPv4 Survey draft restructuring – Phil Nesser, 10 mins

[draft-ietf-v6ops-ipv4survey-intro-00.txt](#)

[draft-ietf-v6ops-ipv4survey-apps-00.txt](#)

[draft-ietf-v6ops-ipv4survey-gen-00.txt](#)

[draft-ietf-v6ops-ipv4survey-ops-00.txt](#)

[draft-ietf-v6ops-ipv4survey-int-00.txt](#)

[draft-ietf-v6ops-ipv4survey-routing-00.txt](#)

[draft-ietf-v6ops-ipv4survey-sec-00.txt](#)

[draft-ietf-v6ops-ipv4survey-subip-00.txt](#)

[draft-ietf-v6ops-ipv4survey-trans-00.txt](#)

Introduction

Application area

General area

Ops & Mgmt area

Internet area

Routing area

Security area

Sub-IP area

Transport area

Agenda 2/2

Mech draft – Erik Nordmark, 15 mins
[draft-ietf-v6ops-mech-v2-00.txt](#)

Translation Issues – Suresh Satapati , 10 mins
[draft-vanderpol-v6ops-translation-issues-00.txt](#)

Translation Issues – Alain Durand, 10 mins
[draft-durand-v6ops-dualstack-vs-natpt-00.txt](#)
[draft-durand-v6ops-natpt-dns-alg-issues-00.txt](#)

Discussion of what to do with NAT-PT - Margaret, 15 mins

Operational experience with turning IPv6 on by default – Alain Durand, 10 mins
[draft-roy-v6ops-v6onbydefault-00.txt](#)

Operational experience with Microsoft IPv6 based P2P application ('[threedegrees](#)') – Christian Huitema, 10 mins

Standards Track RFCs

Responsibility for progress assumed by v6ops

- MECH - at PS, revision underway
 - Discussion at this meeting
- NAT-PT - at PS, need to decide what to do
 - Discussion at this meeting
- SIIT - at PS, no current activity
- 6to4 - at PS, no current activity
- 6to4-anycast - at PS, no current activity

Active v6ops efforts

- 3GPP - scenarios and analysis
- UNMAN - scenarios and analysis
- ENT - scenarios
- ISP - scenarios

- IPv4 Survey - document splitup

- MECH v2 - to replace MECH at PS
- NAT-PT - what to do with it

MECH v2

- MECH v1 at PS RFC2893, MECH v2 attempts to replace it at PS to enable rapid movement to DS
- Editor: Erik Nordmark
- [draft-ietf-v6ops-mech-v2-00.txt](#)
- MILESTONE: wg last call Apr03

NAT-PT

- NAT-PT at PS RFC2766
- Editor: none active
- Any problems real or perceived need to be resolved so decision can be made to deprecate it or replace it at PS
- MILESTONE: decide what to do Mar03

IPv4 Survey

- IPv4 Survey outlines what IETF RFCs need changing to deal with IPv6
- Editor: Phil Nesser
- IPv4-Survey now split into Area-specific drafts
 - <draft-ietf-v6ops-ipv4survey-intro-00.txt> Introduction
 - <draft-ietf-v6ops-ipv4survey-apps-00.txt> Application area
 - <draft-ietf-v6ops-ipv4survey-gen-00.txt> General area
 - <draft-ietf-v6ops-ipv4survey-ops-00.txt> Operations & Management area
 - <draft-ietf-v6ops-ipv4survey-int-00.txt> Internet area
 - <draft-ietf-v6ops-ipv4survey-routing-00.txt> Routing area
 - <draft-ietf-v6ops-ipv4survey-sec-00.txt> Security area
 - <draft-ietf-v6ops-ipv4survey-subip-00.txt> Sub-IP area
 - <draft-ietf-v6ops-ipv4survey-trans-00.txt> Transport area
- Need to be reviewed by specific Areas to determine next steps
- MILESTONE: forward to Areas Mar03
wg last call would follow review by Areas

3GPP Scenarios

- 3GPP Scenarios – defines transition scenarios for 3GPP environments
- Editor: Jonne Soininen
- [draft-ietf-v6ops-3gpp-cases-02.txt](#)
- At wg last call – minimal support for forwarding as so few comments, needs review by external 3G community
- MILESTONE: decide how to get meaningful consensus in our wg Mar03

3GPP Analysis

- 3GPP Analysis – evaluates scenarios from 3GPP Scenarios effort
- Editor: Juha Wiljaka
- [draft-ietf-v6ops-3gpp-analysis-02.txt](#)
- Document almost ready for wg last call, needs review by external 3G community
- MILESTONE: last call May03

UNMAN Scenarios

- Unmanaged Networks Scenarios for small office and home networks
- Editor: Christian Huitema
- [draft-ietf-v6ops-unman-scenarios-00.txt](#)
- At wg last call – minimal support for forwarding as so few comments
- **MILESTONE:** decide how to get meaningful consensus in our wg Mar03

UNMAN Analysis

- Unmanaged Networks analysis based on scenarios
- Editor: Christian Huitema
- [draft-huitema-ngtrans-unmaneval-00.txt](#)
- Document just appeared, needs to be reviewed and evolve towards last call
- MILESTONE: last call May03?

ENT Scenarios

- Enterprise Network scenarios
- Editor: Jim Bound
- <[draft-ietf-v6ops-entnet-scenarios-00.txt](#)>
- Not accepted as wg draft yet, need further open discussion of this topic as there is some dissent on direction
- **MILESTONE:** decide if this to become wg draft Mar03

Question

- Is ENT Scenarios on correct track?
- If so, should ENT Scenarios become a wg draft?

ISP Scenarios

- ISP Scenarios
- Editor: Mikael Lind
- [draft-mickles-v6ops-isp-cases-05.txt](#)
- New team lead/editor just appointed, efforts underway to redo current draft to include IPv6 transition scenarios
- **MILESTONE:** accept as wg draft Jun03

Document review team

- We are not getting adequate review of wg drafts, either for acceptance or forwarding
- The idea of a wg document review team has been floated
- Concern expressed over how this would work

Question

- Should we set up a document review team?
- If so, how should it be structured?