

Network Virtualization Overlays (NVO3) WG

IETF 92, March 2015, Dallas

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Administrivia

- Blue Sheets!
- Note takers + Jabber Scribe
 - Thanks to Jon Hudson and Ignas Bagdonas for volunteering
- WebEx meeting for both sessions
- Mailing List:
 - General Discussion: nvo3@ietf.org
 - To Subscribe: nvo3-request@ietf.org
 - In Body: `subscribe your_email_address`
 - Archive: <http://www.ietf.org/mail-archive/web/nvo3/index.html>

Agenda – Session 1

Mon, 23rd March, 15:20–16:50

- 1.1 - WG Chairs - Welcome, Agenda Bashing, Status Update (15 min)
- 1.2 - Tom Herbert - Identifier-locator addressing for network virtualization (15 min)
draft-herbert-nvo3-ila-00
- 1.3 - Linda Dunbar - NVA Address Mapping Distribution (15 min)
draft-dunbar-nvo3-nva-mapping-distribution-01
- 1.4 - Yizhou Li - Hypervisor to NVE CP requirements (15 min)
draft-ietf-nvo3-hpvr2nve-cp-req-02

Agenda – Session 2

Wed, 25th March, 15:20-16:20

2.1 - WG Chairs - Welcome, Agenda Bashing (10 min)

2.2 - Erik Nordmark - Layer-Transcending Traceroute for Overlay

Networks like VXLAN (15 min)

draft-nordmark-nvo3-transcending-traceroute-00

2.3 - Diego Garcia del Rio - Overlay OAM (15 min)

draft-jain-nvo3-overlay-oam-03

2.4 - Discussion of Data Plane Adoption (20 min)

draft-ietf-nvo3-dataplane-requirements

NVO3 WG – Status Discussion

Interim Meetings

- Three virtual interim meetings this year
 - 28th Jan: Control Plane and Addressing
 - 5th Feb: Multicast
 - 13th March: Data Plane Encapsulations
- Minutes and proceedings are available online
 - Blue Sheets at Interims, too
- We plan to have more virtual interims

Milestones

Done Problem Statement submitted for IESG review

Done Framework document submitted for IESG review

Apr 2015 Architecture submitted for IESG review

Apr 2015 Use Cases submitted for IESG review

Oct 2015 Data Plane Requirements submitted for IESG review

Oct 2015 Control Plane Requirements submitted for IESG review

Oct 2015 Operational Requirements submitted for IESG review

Oct 2015 Security Requirements submitted for IESG review

Oct 2015 NVE - NVA Control Plane Solution submitted for IESG review

Oct 2015 End Device - NVE Control Plane Solution submitted for IESG review

Oct 2015 Data Plane Solution submitted for IESG review

Dec 2015 Recharter or close working group

Document Status - 1

- RFCs
 - RFC7364: Problem Statement: Overlays for Network Virtualization
 - RFC7365: Framework for Data Center (DC) Network Virtualization
- RFC Editors Queue
 - None

Document Status - 2

- Architecture and Use-cases
 - draft-ietf-nvo3-arch
 - draft-ietf-nvo3-use-case

Document Status - 3

- draft-ietf-nvo3-dataplane-requirements
 - Completed WG Last Call
 - Expired and currently without an editor
- draft-ietf-nvo3-nve-nva-cp-req-03
- draft-ietf-nvo3-hpvr2nve-cp-req-03
 - IEEE Liaison?
- draft-ietf-nvo3-security-requirements-04
 - on agenda

We plan to progress requirements in parallel with applicable solutions

Document Status - 4

- Poll for adoption of three data plane solutions:
 - draft-quinn-vxlan-gpe-04
 - draft-herbert-gue-03
 - draft-gross-geneve-02
- Please read the drafts and comment on the list
- Please consider recommendations of the Routing Area encapsulation design team
 - draft-rtg-dt-encap-01.txt

Document Status - 5

- Considering polling for adoption:
 - draft-ghanwani-nvo3-mcast-framework
 - draft-sarikaya-nvo3-dhc-vxlan-multicast

Please discuss.