

Network Virtualization Overlays (NVO3) WG

IETF 93, July 2015, Prague

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Administrivia

- Blue Sheets!
- Note takers + Jabber Scribe?
- Jabber / XMPP
xmpp:nvo3@jabber.ietf.org?join
- Mailing List:
General Discussion: nvo3@ietf.org
To Subscribe: <https://www.ietf.org/mailman/listinfo/nvo3>
Archive: <http://www.ietf.org/mail-archive/web/nvo3/index.html>

Agenda

0. WG Chairs - Welcome, Agenda Bashing, Status Update (15 min)
1. Jesse Gross - Geneve: Generic Network Virtualization Encapsulation (10 min)
2. Lucy Yong - Generic UDP Encapsulation (GUE) + GUE for NVO + GUE Secure Transport (20 min)
3. Pat Thaler - Response from IEEE802.1 (5 min)
4. Hao Chen - NVO3 OAM Requirements (10 min)
5. Vengada Prasad - PMTUD over VXLAN (10 min)
6. Chairs - Management and Control Plane Discussion (20 min)

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

Interim Meetings

- Two virtual interim meetings since IETF 92 (Dallas)
- Minutes and proceedings are available online
- We plan to keep having virtual interims

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

Requirements:

- draft-ietf-nvo3-dataplane-requirements
 - Completed WG Last Call
 - Expired and currently without an editor
- draft-ietf-nvo3-nve-nva-cp-req-04
- draft-ietf-nvo3-hpvr2nve-cp-req-02
- draft-ietf-nvo3-security-requirements-04

We plan to progress requirements in parallel with applicable solutions

Document Status - 3

Use Cases:

- draft-ietf-nvo3-use-case-00

Architecture:

- draft-ietf-nvo3-arch-03

Need some review of these

Document Status - 4

- Three new WG documents adopted since IETF 92:
 - draft-ietf-nvo3-vxlan-gpe-04
 - draft-ietf-nvo3-gue-01
 - draft-draft-ietf-nvo3-geneve-00
- WG needs a strategy for how to proceed with these
- Implementation survey and/or interoperability event are one way forward
- Chairs will be consulting with the authors and WG