

Network Virtualization Overlays (NVO3)

IETF 91, 10-Nov-2014

Honolulu, Hawai'i, US

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Administrivia

- Blue Sheets
- Note takers + Jabber Scribe
- 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>

Meeting Objectives (Priority order)

- Progress current milestones
- Focus on architecture and data plane
- See <http://tools.ietf.org/wg/nvo3/charters> for more information.

Agenda: NVO3 Session 1

(Afternoon II)

- 1.1 - WG Chairs - Welcome, Agenda Bashing, Status Update (20 min)
- 1.2 - Larry Kreeger - Architecture Update (15 min)
 - draft-ietf-nvo3-arch
- 1.3 - Larry Kreeger - VXLAN-GPE (5 min)
 - draft-quinn-vxlan-gpe
- 1.4 - Tom Herbert & Lucy Yong - GUE (30 min)
 - draft-herbert-gue
 - draft-hy-nvo3-gue-4-nvo
 - draft-herbert-remotecsumoffload
- 1.5 - Jesse Gross - GENEVE (15 min)
 - draft-gross-geneve
- 1.6 - Behcet - VXLAN QoS Marking (15 min)
 - draft-xia-nvo3-vxlan-qosmarking
- 1.7 - Jinwei Xia - YANG Data Model for NVO3 (15 min)
 - draft-zhang-nvo3-yang-cfg

Agenda: NVO3 Session 2, *(Afternoon III)*

2.1 - Erik Nordmark - Data Plane Requirements Discussion
draft-ietf-nvo3-dataplane-requirements

Rechartering

- NVO3 has been re-chartered
- Scope architecture to logically centralised
- BGP solutions may be handled in BESS working group
- LISP solutions are not in NVO3 scope
- Allow development of data plane / control plane solution that fits centralised architecture

Milestones

Revised for New Charter

- Done - Problem Statement submitted for IESG review
- Done - Framework document submitted for IESG review
- Feb 2015 - Data Plane Requirements submitted for IESG review
- Feb 2015 - Control Plane Requirements submitted for IESG review
- Feb 2015 - Operational Requirements submitted for IESG review
- Feb 2015 - Security Requirements submitted for IESG review
- Apr 2015 - Architecture submitted for IESG review
- Apr 2015 - Use Cases 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
 - 7364 (draft-ietf-nvo3-overlay-problem-statement)
 - 7365 (draft-ietf-nvo3-framework)

Document Status - 2

- draft-ietf-nvo3-dataplane-requirements
 - Completed WG Last Call
 - Further comments received
 - Discussion ongoing on revising the requirements (on agenda)
- draft-ietf-nvo3-nve-nva-cp-req
 - Ready for WG last call?
- draft-ietf-nvo3-hpvr2nve-cp-req
 - Ready for WG last call?
- draft-ietf-nvo3-security-requirements
 - Ongoing

Document Status - 3

- draft-ietf-nvo3-arch
 - Ongoing – On agenda
- draft-ietf-nvo3-use-case
 - On going
 - Ready fo rlast call?
- draft-ietf-nvo3-mobility-issues
 - Went throgh last call, but a number of issues raise
 - Back in WG
- draft-ietf-nvo3-gap-analysis
 - Parked after recharter