

Network Virtualization Overlays (NVO3) Working Group

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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>

Meeting Logistics

- This is our first “normal” meeting in a while
- No round tables this time
- We have a very packed agenda. Please keep to your time slots.

Agenda – Wednesday 19th July

1. Administrativa. 5 min. WG Chairs.
2. WG status update. 5 min. WG Chairs.
3. Data Plane Design Team. draft-ietf-nvo3-encap-00
10 min. Sami Boutros
4. Draft Geneve Update. draft-ietf-nvo3-geneve-04
10min. Ilango Ganga (remote)
5. Geneve Protocol Security Requirements draft-mglt-nvo3-geneve-security-requirements-00
10 mins. Daniel Migault
6. Geneve Header Authentication Option (GAO) draft-mglt-nvo3-geneve-authentication-option-00

Geneve Header Encryption Option (GEO) draft-mglt-nvo3-geneve-encryption-option-00
10 mins: Daniel Migault 10 mins. Daniel Migault
7. Geneve Security Architecture draft-mglt-nvo3-geneve-security-architecture-00
10 mins. Daniel Migault
8. IP Sec over Geneve draft-boutros-nvo3-ipsec-over-geneve-00
10 mins. Sami Boutros

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9. E-VPN Overview for NVO3 No draft.
10 mins. Jorge Rabadan
10. Update on IEEE 802.1Qcn (VDP extnsion to support NVO3) draft-ietf-nvo3-hpvr2nve-cp-req-06
5 min. Yizhou Li
11. draft-huang-nvo3-gpe-extension-for-vbng-00, 5 min. Lu Huang

WG Progress: Milestones

- Done - Problem Statement submitted for IESG review
- Done - Framework document submitted for IESG review
- Done - Architecture submitted for IESG review
- Done - Use Cases submitted for IESG review
- Aug 2017 - Data Plane Solution submitted for IESG review
- Sep 2017 - Data Plane Requirements submitted for IESG review
- Dec 2017 - Control Plane Requirements submitted for IESG review
- Dec 2017 - Operational Requirements submitted for IESG review
- Dec 2017 - NVE - NVA Control Plane Solution submitted for IESG review
- Dec 2017 - End Device - NVE Control Plane Solution submitted for IESG review
- Dec 2017 - OAM Solution submitted for IESG Review
- Dec 2017 - Recharter or close working group

Document Status - 1

- RFCs

- RFC7364: Problem Statement: Overlays for Network Virtualization

- RFC7365: Framework for Data Center (DC) Network Virtualization

- RFC8014: An Architecture for Data-Center Network Virtualization over Layer 3 (NVO3)

- RFC8151: Use Cases for Data Center Network Virtualization Overlay Networks

- RFC Editors Queue

- none

Document Status - 2

Multicast Framework:

- draft-ietf-nvo3-mcast-fwk-05
- Publication requested

Data Plane Encapsulation:

- Draft-ietf-nvo3-geneve-04
 - On agenda
- draft-ietf-nvo3-encap-00
 - On agenda

OAM Drafts Update

- We had a call for adoption of two OAM drafts that were generated by routing area OAM design team:
- draft-ooamdt-rtgwg-ooam-header-03
- draft-ooamdt-rtgwg-demand-cc-cv-03

- No consensus to adopt these drafts in NVO3 yet
- Chairs have asked protagonists to work together to resolve issues

Session Presentations