

Network Virtualization Overlays (NVO3) Working Group

IETF 103, November 2018, Bangkok

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Note Well

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

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 – Wednesday 7th November

1. WG Status update (WG Chairs, 15mins)
2. Security requirements update (Daniel Migault, 10 mins)
draft-mglt-nvo3-geneve-security-requirements-04
3. Geneve WG LC update (Ilango Ganga - remote, 10 mins)
draft-ietf-nvo3-geneve-08
4. iOAM Drafts relevant to NVO3 (Frank Brockners, 10 mins)
draft-brockners-ippm-ioam-geneve-01
draft-weis-ippm-ioam-eth-00
5. Overlay Subnet Architecture (Ting Ao, 10 mins)
draft-ao-nvo3-overlay-subnet-architecture-00
6. Geneve applicability for service function chaining (Sami Boutros, 10 mins)
draft-boutros-nvo3-geneve-applicability-for-sfc-02

WG Progress: Milestones (just updated)

Mar Aug 2019 8	OAM Solution submitted for IESG Review
Mar Aug 2019 8	Recharter or close working group
Mar 2019	Security Solutions Submitted to IESG
Oct 2018	Security Requirements Submitted to IESG
Jul 2018	NVE—NVA Control Plane Solution submitted for IESG review
Jul 2018	Control Plane Requirements submitted for IESG review
May Aug 2018	Data Plane Solution submitted for IESG review
May Aug 2018	Data Plane Requirements submitted for IESG review
Done	End Device - NVE Control Plane Solution submitted for IESG review
Done	Use Cases submitted for IESG review
Done	Architecture submitted for IESG review
Done	Framework document submitted for IESG review
Done	Problem Statement submitted for IESG review

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 8293: A Framework for Multicast in Network Virtualization over Layer 3

Document Status - 2

- Data Plane Encapsulation:

- draft-ietf-nvo3-geneve-08

- On agenda

- WG Last Call in progress

- draft-ietf-nvo3-encap-01

- Expired

- WG Last Call after geneve

- WG Adoption Poll:

- draft-mgmt-nvo3-geneve-security-requirements-04

- On agenda

Document Status - 3

Virtual Machine Mobility Protocol:

- draft-ietf-nvo3-vmm-04
 - WG Last Call attempted but not closed due to lack of responses
 - Chairs requested OpsArea, RtgDir, TSV Area reviews
 - Ops Area review has a number of comments, including suggested review by TCPM
 - TSVART review resulted in a number of comments
 - Document needs to be updated by the authors

Session Presentations