

Network Virtualization Overlays (NVO3) Working Group

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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 – Monday 18th November

1. WG Status update (WG Chairs, 10 min)
2. GPE update (Fabio Maino, 15 min)
draft-ietf-nvo3-vxlan-gpe-08
3. NVO3 Yang Model (Remy Liu, 5 min)
draft-ietf-nvo3-yang-cfg-01
4. LOOPS (Local Optimizations on Path Segments) and its Geneve binding
(Yizhou Li, 10min)
draft-bormann-loops-geneve-binding-00
draft-li-tsvwg-loops-problem-opportunities-03
draft-welzl-loops-gen-info-02
5. BFD for Geneve (Min Xiao, 10 min)
draft-xiao-nvo3-bfd-geneve-01
6. Performance Measurement for Geneve (Min Xiao, 5 min)
draft-xiao-nvo3-pm-geneve-00

WG Progress: Milestones (updated)

- 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
- Done - End Device-NVE Control Plane Solution submitted for IESG review
- Done - Data Plane Solution submitted for IESG review
- Dec 2019 - Data Plane Requirements submitted for IESG review
- Mar 2020 - Security Solutions Submitted to IESG
- Mar 2020 - Security Requirements Submitted to IESG
- Aug 2020 - Recharter or close working group
- Aug 2020 - OAM Solution 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
- RFC 8394: Split Network Virtualization Edge (Split-NVE) Control-Plane Requirements

New RFC

- None

Document Status - 2

Data Plane Encapsulation:

- draft-ietf-nvo3-geneve-14
 - With IESG, IETF Last Call completed
- draft-ietf-nvo3-encap-03
 - Ready for WG Last Call?
- Informational encapsulation drafts
 - draft-ietf-nvo3-vxlan-gpe-08
 - On Agenda. Ready for WG LC?

Distributed Control Plane:

- EVPN Applicability to Geneve
 - draft-ietf-nvo3-evpn-applicability-02
 - Publication Requested (With our AD (Martin))

Document Status - 3

Virtual Machine Mobility

- draft-ietf-nvo3-vmm-05
 - With shepherd (Matthew).
 - Some editorial nits

Security Drafts

- draft-mglt-nvo3-geneve-authentication-option-00
- draft-mglt-nvo3-geneve-encryption-option-00
- draft-mglt-nvo3-geneve-security-architecture-00
- draft-mglt-nvo3-geneve-security-requirements-06
 - Failure to reach consensus for WG adoption
 - How to proceed?

NVO3 OAM

- draft-xiao-nvo3-bfd-geneve-01
 - On agenda. Ready for adoption?

Document Status - 3

YANG Models

–draft-ietf-nvo3-yang-cfg-01

- On agenda

Session Presentations