

Network Virtualization Overlays (NVO3) Working Group

IETF 110, March 2021, Online

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Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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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 8th March 2021, 14:30-1530 UTC

1. WG Status update (WG Chairs, 10 min)
2. Geneve BFD (Xiao Min, 15 minutes)
draft-xiao-nvo3-bfd-geneve

WG Progress: Milestones (need update)

- 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

Should we add a YANG model milestone?

What can we realistically complete that is valuable to the community?

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 since last IETF

– RFC8296: Geneve: Generic Network Virtualization Encapsulation

Document Status - 2

Data Plane Encapsulation:

–draft-ietf-nvo3-encap-05

- WG last call started on 18th Feb 2020, but no responses

– Informational encapsulation drafts

- draft-ietf-nvo3-vxlan-gpe-10

– Need to WG LC

Distributed Control Plane:

–EVPN Applicability to Geneve

- draft-ietf-nvo3-evpn-applicability-03

- Publication Requested (With our AD (Martin))

- Held for progress on draft-ietf-bess-evpn-geneve (In WG LC)

Document Status - 3

Virtual Machine Mobility

–draft-ietf-nvo3-vmm-16

- Sent back to WG – Not specific to NVO3

YANG Models

–draft-ietf-nvo3-yang-cfg-02

- Ready for WG LC?

NVO3 OAM

– draft-ietf-nvo3-bfd-geneve-01

- On agenda

– draft-ietf-nvo3-geneve-oam-01

- Ready for WG last call?

Session Presentations