Network Virtualization Overlays (NVO3) Working Group

IETF 108, July 2020, Online

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Note Well

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  (https://www.ietf.org/contact/ombudsteam/) if you have questions or concerns about this.

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 – Tuesday 28th July, 13:00-1350 UTC

1.   WG Status update (WG Chairs, 10 min)

2. Geneve OAM (Greg Mirsky, 15 minutes)
    draft-mmbb-nvo3-geneve-oam

3. Geneve BFD (Xiao Min, 10 minutes)
    draft-xiao-nvo3-bfd-geneve

4. LOOPS (Local Optimizations on Path Segments) updates (Yizhou Li, 10 min)
    draft-bormann-loops-geneve-binding
    draft-li-tsvwg-loops-problem-opportunities
    draft-welzl-loops-gen-info

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 since Singapore IETF

 – None

Document Status - 2

Data Plane Encapsulation:
- draft-ietf-nvo3-geneve-16
  - RFC Editors Queue
- 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
    - Ready for WG LC

Distributed Control Plane:
- EVPN Applicability to Geneve
  - draft-ietf-nvo3-evpn-applicability-02
  - 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

- Publication requested – With Martin

YANG Models

—draft-ietf-nvo3-yang-cfg-02

- Ready for WG LC?

NVO3 OAM

- draft-xiao-nvo3-bfd-geneve-02

- draft-mmbb-nvo3-geneve-oam-03

  - On agenda. Ready for adoption?

Session Presentations