Network Virtualization Overlays (NVO3) Working Group

IETF 104, March 2019, Prague

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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 – Thursday 28th March

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-12

4. 5G-Datacenter Interconnection Use Case (Xavier De Foy, 10 mins)
   draft-defoy-nvo3-5g-datacenter-interconnection-00

5. Base YANG Data Model for NVO3 Protocols (Remy Liu, 10 mins)
   draft-zhang-nvo3-yang-cfg-05

6. YANG Data Model for NVO3 Protocol (Ran Chen, 10 mins)
   draft-chen-nvo3-yang-00

7. BFD for Geneve (Xiao Min, 10 mins)
   draft-xiao-bfd-geneve-00

WG Progress: Milestones (need update)

Mar 2019   Security Requirements Submitted to IESG

Mar 2019   Security Solutions Submitted to IESG

Aug 2018   OAM Solution submitted for IESG Review

Aug 2018   Recharter or close working group

Aug 2018   Data Plane Requirements submitted for IESG review

May 2018   Data Plane Solution 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-12
    - On agenda
    - WG Last Call completed by some discussion remains
  - draft-ietf-nvo3-encap-02
    - Expired
    - WG Last Call after geneve
- WG Last Call:
  - EVPN Applicability to Geneve
    - draft-ietf-nvo3-evpn-applicability-01
- WG Adoption Poll:

Document Status - 3

Virtual Machine Mobility Protocol:

- draft-ietf-nvo3-vmm-04 (expired)
  - 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