Network Virtualization Overlays (NVO3) Working Group

IETF 104, March 2019, Prague

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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/](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
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
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
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:
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