Network Virtualization Overlays (NVO3) Working Group


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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
AD and WG Personnel Changes

Yizhou Li has been appointed NVO3 secretary
• Please welcome Yizhou!
Agenda – Wednesday 18\textsuperscript{th} March

1. WG status update.  
   WG Chairs, 10 min

2. draft-mglt-nvo3-geneve-security-requirements-03  
   Daniel Migault, 10 min

3. draft-ietf-nvo3-geneve-07.txt  
   Ilango Ganga (remote), 10 min

4. draft-fmm-nvo3-pm-alt-mark-02  
   Guiseppe Fioccola, 10 min

5. draft-mirsky-rtgwg-oam-identify-00  
   Greg Mirsky, 10 min
### WG Progress: Milestones (proposed update)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>Mar-Aug 2018</td>
<td>OAM Solution submitted for IESG Review</td>
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<tr>
<td>Mar-Aug 2018</td>
<td>Recharter or close working group</td>
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<tr>
<td>Mar 2019</td>
<td>Security Solutions Submitted to IESG</td>
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<tr>
<td>Oct 2018</td>
<td>Security Requirements Submitted to IESG</td>
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<tr>
<td>Jul 2018</td>
<td>NVE–NVA Control Plane Solution submitted for IESG review</td>
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<td>Jul 2018</td>
<td>Control Plane Requirements submitted for IESG review</td>
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<tr>
<td>May-Aug 2018</td>
<td>Data Plane Solution submitted for IESG review</td>
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<tr>
<td>May-Aug 2018</td>
<td>Data Plane Requirements submitted for IESG review</td>
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<td><strong>Done</strong></td>
<td>End Device - NVE Control Plane Solution submitted for IESG review</td>
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<td><strong>Done</strong></td>
<td>Use Cases submitted for IESG review</td>
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<td><strong>Done</strong></td>
<td>Architecture submitted for IESG review</td>
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<td><strong>Done</strong></td>
<td>Framework document submitted for IESG review</td>
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<tr>
<td><strong>Done</strong></td>
<td>Problem Statement submitted for IESG review</td>
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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-07
    • On agenda
    • WG Last Call after this IETF?
  – draft-ietf-nvo3-encap-01
    • Expired
    • WG Last Call after this IETF?

• On-going WG Adoption Poll:
  – draft-mglt-nvo3-geneve-security-requirements-03
    • On agenda
Virtual Machine Mobility Protocol:

- draft-ietf-nvo3-vmm-01
  - WG Last Call attempted but not closed due to lack of responses
  - Chairs requested OpsArea and RtgDir reviews
  - Ops Area review has a number of comments, including suggested review by TCPM
  - Who has read this draft?
Potential joint IETF/IEEE 802 Workshop on data center technologies in Bangkok

• Paul Congdon
Session Presentations