

# Network Virtualization Overlays (NVO3) Working Group

IETF 95, Apr 2016, Buenos Aires

Chairs: Benson Schliesser <bensons@queuefull.net>  
Matthew Bocci <matthew.bocci@alcatel-lucent.com>

Secretary: Sam Aldrin <aldrin.ietf@gmail.com>

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# 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>

# Logistics

- Remote Queue
  - Chairs will attempt to recognize speakers from both in-room and virtual queues on equal terms, e.g. as if all were standing at different mic lines in the room
  - Please cooperate and acknowledge the other mic lines (including virtual)!

# Milestones

- Done Problem Statement submitted for IESG review
- Done Framework document submitted for IESG review
- Apr 2015 Architecture submitted for IESG review
- Apr 2015 Use Cases submitted for IESG review
- Oct 2015 Data Plane Requirements submitted for IESG review
- Oct 2015 Control Plane Requirements submitted for IESG review
- Oct 2015 Operational Requirements submitted for IESG review
- Oct 2015 Security Requirements submitted for IESG review
- Oct 2015 NVE - NVA Control Plane Solution submitted for IESG review
- Oct 2015 End Device - NVE Control Plane Solution submitted for IESG review
- Oct 2015 Data Plane Solution submitted for IESG review
- Dec 2015 Recharter or close working group

# Work-streams

- Data Plane
  - VXLAN-GPE
  - GENEVE
  - GUE
- Control & Management
  - CP discussion needed, or ..?
  - YANG model work to be organized now
  - OAM DT in-progress, presentation today

# “Split NVE” Control Plane Status Update

- [IEEE 802.1Qcn](#) (VDP extension to support NVO3) has been created based on the requirement draft [draft-ietf-nvo3-hpvr2nve-cp-req](#)
- Version 0.0 is available now
- Bi-weekly conference call in planning: try to gather experts from NVO3 and 802.1
- Doodle poll:  
<http://doodle.com/poll/t8n6cgaevvky7fhe>  
Please join!

# Interoperability Demo and Interim Meetings

- The chairs have begun planning an interoperability event at an industry meeting (TBD) in early 2017.
- We are considering a series of interim meetings and/or side-meetings at IETFs to help implementers coordinate and test their implementations.
  - Perhaps focused on each topic, e.g. data plane, control plane, OAM, etc.
- Feedback and/or volunteers to help plan these meetings would be appreciated!



# Agenda

1. Chairs - Welcome, Agenda Bashing, Status Update

2. Erik Nordmark - NVO3 OAM Design Team update

3. Fangwei Hu - VXLAN YANG model

<https://tools.ietf.org/html/draft-chen-nvo3-vxlan-yang-02>

4. Tom Herbert - Remote checksum offload

<https://tools.ietf.org/html/draft-herbert-remotecsumoffload-02>

<https://tools.ietf.org/html/draft-herbert-vxlan-rco-01>