Network Virtualization Overlays (NVO3) Working Group

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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
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](http://example.com) (VDP extension to support NVO3) has been created based on the requirement draft [draft-ietf-nvo3-hpvr2nve-cp-req](http://example.com)
- 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](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