IETF – NVO3 WG
Virtual Interim Meeting
1-March-2017

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Note Well

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Meeting Logistics

- Today's meeting is via WebEx (obviously)
- We are recording the session
  - Minutes will be taken as usual
  - Attendees list will be provided to Secretariat based on WebEx attendee list
- We are not yet sure how to best run this session. This is an experiment.
  - The chairs will put all participants into Mute at the beginning of the meeting
  - Participants will be allowed to control their own mute, to unmute themselves for discussion
  - During Q/A, if necessary, the chairs will manage the order of speakers for comments and questions

Agenda

1. Note well, meeting logistics and introduction (chairs, 3 min)
2. Encapsulation discussion (Encap Design Team, 25 min)
3. OAM discussion (Greg, 15 min)
4. IETF98 planning (Chairs, 15 min)
5. Closing (chairs, 2 min)

WG Progress: Milestones

Done   - Problem Statement submitted for IESG review
Done   - Framework document submitted for IESG review
Done   - Architecture submitted for IESG review
Publication Requested   - Use Cases submitted for IESG review
Aug 2017 - Data Plane Solution submitted for IESG review
Sep 2017 - Data Plane Requirements submitted for IESG review
Dec 2017 - Control Plane Requirements submitted for IESG review
Dec 2017 - Operational Requirements submitted for IESG review
Dec 2017 - NVE - NVA Control Plane Solution submitted for IESG review
Dec 2017 - End Device - NVE Control Plane Solution submitted for IESG review
Dec 2017 - Recharter or close working group
Dec 2017 - OAM Solution submitted for IESG Review

Progressing a Single Data Plane Encap: Background

- WG has adopted 3 data plane encapsulation drafts:
  - draft-ietf-nvo3-geneve-03
  - draft-ietf-nvo3-gue-04
  - draft-ietf-nvo3-vxlan-gpe-02
- Very little technical progress made on these since adoption
- Following last IETF, design team was chartered to analyze these and pick one to progress

Encapsulation Next Steps

- Design Team has published a draft:
  - draft-dt-nvo3-encap-00
  - On agenda
- Draft recommends progressing draft-ietf-nvo3-geneve-03
- draft-geneve should be updatedin line with recommendations
  - Encap DT or draft-geneve authors?
- Other encapsulation drafts will be parked for now and may be progressed as informational/experimental later
- Status of encapsulation DT draft:
  - Draft documents the experience of picking an encapsulation, which is worth preserving
  - Chairs intend to issue a call for WG adoption in due course

Encapsulation DT Design Team Discussion

OAM Discussion - Greg

IETF 98 Planning

- Successful round-table discussions in Seoul
  - OAM
    - Elements of routing area design progressed in NVO3
  - Data Plane
    - Design Team for encapsulation
  - Control Plane
    - Despite very active session in Seoul, no significant follow up discussion
    - How to generate more interest / drafts / progress?
    - A draft summarizing output of Seoul would be useful
- Is there interest in more round tables in Chicago?