Note Well

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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
Meeting Logistics

• This is our first “normal” meeting in a while
• No round tables this time
• We have a very packed agenda. Please keep to your time slots.
Agenda – Wednesday 19th July

1. Administrativia. 5 min. WG Chairs.
2. WG status update. 5 min. WG Chairs.
3. Data Plane Design Team. draft-ietf-nvo3-encap-00
   10 min. Sami Boutros
4. Draft Geneve Update. draft-ietf-nvo3-geneve-04
   10min. Ilango Ganga (remote)
5. Geneve Protocol Security Requirements draft-mglt-nvo3-geneve-security-requirements-00
   10 mins. Daniel Migault
6. Geneve Header Authentication Option (GAO) draft-mglt-nvo3-geneve-authentication-option-00
   Geneve Header Encryption Option (GEO) draft-mglt-nvo3-geneve-encryption-option-00
   10 mins: Daniel Migault     10 mins. Daniel Migault
7. Geneve Security Architecture draft-mglt-nvo3-geneve-security-architecture-00
   10 mins. Daniel Migault
8. IP Sec over Geneve draft-boutros-nvo3-ipsec-over-geneve-00
   10 mins. Sami Boutros
9. E-VPN Overview for NVO3  No draft.
   10 mins. Jorge Rabadan

10. Update on IEEE 802.1Qcn (VDP extension to support NVO3)  draft-ietf-nvo3-hpvr2nve-cp-req-06
    5 min.  Yizhou Li

11. draft-huang-nvo3-gpe-extension-for-vbng-00,  5 min.  Lu Huang
WG Progress: Milestones

Done   - Problem Statement submitted for IESG review
Done   - Framework document submitted for IESG review
Done   - Architecture submitted for IESG review
Done   - 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 - OAM Solution submitted for IESG Review
Dec 2017 - Recharter or close working group
Document Status - 1

• 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 Editors Queue
  – none
Multicast Framework:
- draft-ietf-nvo3-mcast-fwk-05
- Publication requested

Data Plane Encapsulation:
- Draft-ietf-nvo3-geneve-04
  - On agenda
- draft-ietf-nvo3-encap-00
  - On agenda
OAM Drafts Update

• We had a call for adoption of two OAM drafts that were generated by routing area OAM design team:
  • draft-ooamdt-rtgwg-ooam-header-03
  • draft-ooamdt-rtgwg-demand-cc-cv-03

• No consensus to adopt these drafts in NVO3 yet
• Chairs have asked protagonists to work together to resolve issues
Session Presentations