Note Well

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Network Virtualization over Layer 3 BoF (NVO3)

IETF 83, Paris, France

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Administrivia

• Blue Sheets

• Note takers + Jabber Scribe

• Mailing List:
  General Discussion: nvo3@ietf.org
  To Subscribe: nvo3-request@ietf.org
  In Body: subscribe your_email_address
Agenda

- Introduction/agenda tweaking (Chairs)
- NVO3 Problem Statement (Thomas Narten)
  draft-narten-nvo3-overlay-problem-statement-01
- Overlay Networking Framework (Marc Lasserre)
  draft-lasserre-nvo3-framework-01
- NVO3 Requirements for Tunelling (Igor Gashinsky)
- EVPN Interactions (David Black)
- Network Virtualization Overlay Control Protocol Requirements (Larry Kreeger)
  draft-kreeger-nvo3-overlay-cp-00
- Charter Presentation (Thomas Narten)
- Charter Discussion (Chairs)
  - Is there interest on working on this?
  - Is the proposed charter a reasonable start?
Note: Q&A

• Agenda times / durations will be enforced.

• Mic discussion will be limited to clarifying questions, during the presentations.

• Please hold comments and discussion for the Charter Discussion.
Introduction and Scope

• NVO3 is about:
  – Network virtualization in a data center environment
  – Operates in an overlay model to interconnect virtual machines distributed across a data center
  – Addresses requirements for multi-tenancy, including isolation between tenants
  – Address both data and control plane requirements

• NVO3 will NOT:
  – Develop service provider solutions for wide-area interconnect of data centers

• BoF will focus on problem statement and requirements, not solutions
Related Documents

Proposed Charter:

NVO3 Problem Statement:

Framework for Data Center Network Virtualization:
http://datatracker.ietf.org/doc/draft-lasserre-nvo3-framework/

Network Virtualization Overlay Control Protocol Requirements:
http://datatracker.ietf.org/doc/draft-kreeger-nvo3-overlay-cp/
Problem Statement

• Thomas
Framework

- Marc
Requirements for Tunnelling

- Igor
VPN Interactions

- David
Control Protocol Requirements

- Larry
Charter Presentation

• Thomas
Charter Discussion

• Is the problem statement valid?
• Is there interest in working on this?
• Are the proposed work items reasonable?
• Is the proposed charter a reasonable starting point?