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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

Archive: <http://www.ietf.org/mail-archive/web/nvo3/index.html>

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:

<http://www.ietf.org/mail-archive/web/nvo3/current/msg00024.html>

NVO3 Problem Statement:

<http://datatracker.ietf.org/doc/draft-narten-nvo3-overlay-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?