Framework for DC Network Virtualization

draft-ietf-nvo3-framework-01
Authors

Marc Lasserre
Florin Balus
Thomas Morin
Nabil Bitar
Yakov Rekhter
Changes in -01

• Terminology clarification
  – Tenant, Tenant System, End device

• Add’l text about NVE location impact
  – Co-located with TS -> VM state communicated locally via API
  – Remote from TS -> VM state exchanged via DP/CP/MP

• New sections
  – Distributed vs Centralized CP (#3.1.5.1)
  – Multihoming (#3.2)

• Clarification wrt MAC learning
  – Via DP or CP

• Add’l text in security section
External & Embedded NVE

Hypervisor

TOR

vSwitch

NVE

Network Appliance

Network Service Instance

TOR

NVE

Network Appliance

Network Service Instance

Network Service Instance

Network Service Instance

Network Service Instance
Distributed vs Centralized CP

Control plane protocols (e.g. routing)

agent
Multi-domain Controllers
Next Steps

• Solicit feedback about new sections
• Solicit additional input on security comments
• Add text about NVE Gateway