Network Virtualization Edge (NVE)

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About This Draft

- The doc. specifies NVE data plane interworking functionality between:
  - NVE and Tenant Systems including control msg handling (ARP, etc)
  - Any pair of NVEs including overlay and underlay
- Use terminologies defined in framework/architecture doc.
  - Use function components defined in architecture doc.
  - Not define or redefine any component
- No intention to define an encapsulation protocol for NVE
  - Assume that one of available protocol will be used
- Not discuss NVO3 control plane and protocol
  - Only assume that NVEs get the mapping from NVA

Update in this version

- Section 3 Interconnection Tenant System
- Section 4.1 NVE forwarding
- Section 4.4 Distributed Gateway
- Section 4.6 Multi-Homing Support
- Section 5.2 Gateway vs. Distributed Gateway
- Quite Editing

Focus on Data Plane Interoperability

Next Steps

- Solicit comments and suggestions
- Determine if OAM should be covered in this draft or a separated draft