

NVO3 WG Planning –  
Control Plane, Management, etc.

# Milestones

- Done Problem Statement submitted for IESG review
- Done Framework document submitted for IESG review
- Apr 2015 Architecture submitted for IESG review
- Apr 2015 Use Cases submitted for IESG review
- Oct 2015 Data Plane Requirements submitted for IESG review
- Oct 2015 Control Plane Requirements submitted for IESG review
- Oct 2015 Operational Requirements submitted for IESG review
- Oct 2015 Security Requirements submitted for IESG review
- Oct 2015 NVE - NVA Control Plane Solution submitted for IESG review
- Oct 2015 End Device - NVE Control Plane Solution submitted for IESG review
- Oct 2015 Data Plane Solution submitted for IESG review
- Dec 2015 Recharter or close working group

# Plan

## Oct 2015 Operational Requirements submitted for IESG review

- We will form a Design Team to describe a common approach to OAM
  - Let's not reinvent...
  - Existing tools such as ping, traceroute, etc!
  - Is there a relationship to LIME?

## Oct 2015 Security Requirements submitted for IESG review

- Focus on Security Requirements draft as framework for analysis
  - Solutions MUST invest in Security Considerations text

# Plan

## Oct 2015 NVE - NVA Control Plane Solution submitted for IESG review

- We will form a Design Team to build YANG model(s) for NVE and NVA
  - Including configuration of VNs and VN mapping tables
  - Extensible to leverage other Control Plane protocols as desired

## Oct 2015 End Device - NVE Control Plane Solution submitted for IESG review

- Pending decision(s) regarding IEEE VDP development

## Oct 2015 Data Plane Solution submitted for IESG review

- We have 3, will progress based on WG Consensus + Implementation
  - Is there interest in consolidating various extensions into single spec(s)?
  - Write implementation reports!
- We would like to organize an Interoperability event
  - e.g. at NANOG, IETF, interim, etc

# Time

## Dec 2015 Recharter or close working group

- We intend to extend work beyond this date, through IETF-95 (Apr-2016)
  - Working backwards...
  - The aforementioned Plan must have results by IETF-94 (Nov-2015)
    - *the next meeting!*