

# V6OPS Interim WG Meeting Sunnyvale, CA

draft-mickles-v6ops-isp-cases-01.txt

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# Scope of Work

- Define the “Problem Set” of Scenarios
  - CORE/Backbone
  - Broadband Hybrid Fiber Coax / Cable
  - Broadband DSL
  - Narrowband Dialup
  - Ethernet to the Home/Home Networking
  - Internet Exchange Points
  - Security(detection & prevention)
  - Network Management
- Provide solutions/analysis in a companion document

# Design Team

- **CORE Backbone**
  - Vijay Gill
  - Jun-ichiro itojun Hagino
- **DSL**
  - Vladimir Ksinant
  - Gerard Gastaud
- **Dialup Networks**
  - Shin Miyakawa
  - Cleveland Mickles
- **Cable / HFC**
  - Aidan Williams
- **InterExchange (IX)**
  - Alain BAUDOT
  - Marc Blanchet

# Outline

- Topology
  - Physical
  - Logical
- Hardware
  - Routers
  - Switches
  - CPE (router, modem, pc, gateway, appliance, etc)
- Routing
  - IGP
  - EGP ( if applicable)
  - IRR
  - Addressing
  - NAT
  - Aggregation

# Outline (cont)

- Policing
  - Filtering
  - Traffic Engineering
- Security
  - Intrusion Detection
  - Prevention
- Network Management
  - Out of band, configuration tools, snmp
- Hosting Gear
  - DNS, radius, tacacs, mail, tools, cacheing

# Status update since IETF 54

- Accepted as a NGTRANS WG Document
- 01 draft submitted
  - Added detailed discussion on DSL
  - Renamed to v6ops document/personal draft
  - Remain personal draft until all sections filled in
- Added an Inter-Exchange Point section
- Rename to draft-mickles-v6ops-isp-scenarios-02.txt
- All sections updated prior to IETF 55
- Comments appreciated

# Breakout Session Agenda

- Review Outline
- Review existing Document

# Comments

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<http://www.ietf.org/internet-drafts/draft-mickles-v6ops-isp-cases-01.txt>

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