

IETF55 V6OPS WG Meeting

Atlanta, GA

11/20/02

draft-mickles-v6ops-isp-cases-02.txt

Cleveland Mickles

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1. Status update since Interim WG Meeting (9/18/02)

- Accepted as a v6OPS WG Document
- Comments received
 - Debate on too much information in some sections
 - eg L2 discussion in DSL section
 - Some comments are not reflected in the draft
 - Address Multi-homing
 - Address Managed Access
- 02 personal draft submitted
 - Refined document outline
 - Added detailed discussion on CORE, Narrowband Dial Section
 - Added Public Wireless LAN section
 - Added Infrastructure Services Section
 - Added Internet Exchange Point Section
 - Renamed Home Networking to Broadband Ethernet

2. Status update since Interim WG Meeting (9/18/02)

- Incomplete Sections
 - Internet Exchange Point, Broadband Ethernet, Infrastructure services
- All sections updated prior to IETF 55
- Comments appreciated
- Submit after IETF55 as a WG document
 - draft-ietf-v6ops-isp-scenarios-00.txt
- Begin work on solutions document
 - Draft solutions document published by IETF 56
 - Volunteers? Please send mail to me or the WG chairs

Scope of Work

- Define the “Problem Set” of Scenarios
 - CORE/Backbone
 - Broadband Hybrid Fiber Coax / Cable
 - Broadband DSL
 - Narrowband Dialup
 - Broadband Ethernet
 - Internet Exchange Points
 - Public Wireless LAN
 - Infrastructure Services/Data Centers(Overlap Area)
 - Security(detection & prevention)
 - Network Management
- Provide solutions/analysis in a companion document

Design Team

- **CORE Backbone Networks**
 - Cleveland Mickles
- **Broadband DSL Networks**
 - Vladimir Ksinant
- **Narrowband Dialup Networks**
 - Cleveland Mickles
- **Broadband Cable / HFC Networks**
 - Aidan Williams
- **Public Wireless LAN Networks**
 - Jae-Hwoon Lee
 - Myung-Ki Shin

Design Team

- **Infrastructure Services/ Data Center Networks**
 - Rod Van Meter
- **Broadband Ethernet Networks**
 - Mikael E. Lind / open
- **InterExchange (IX) Point Networks**
 - Alain BAUDOT
 - Marc Blanchet

Outline

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

Outline (cont)

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

Comments

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<http://www.ietf.org/internet-drafts/draft-mickles-v6ops-isp-cases-02.txt>

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