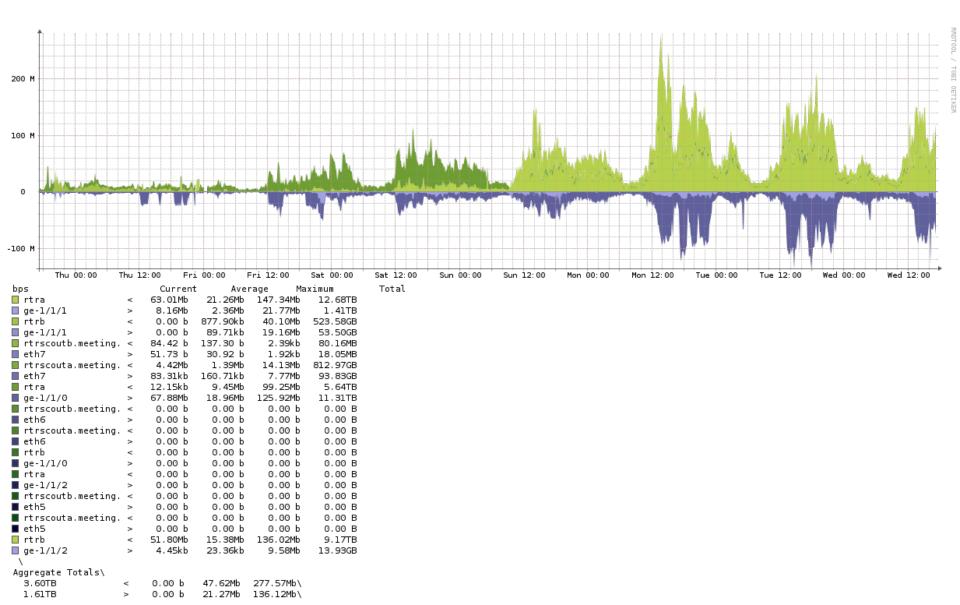


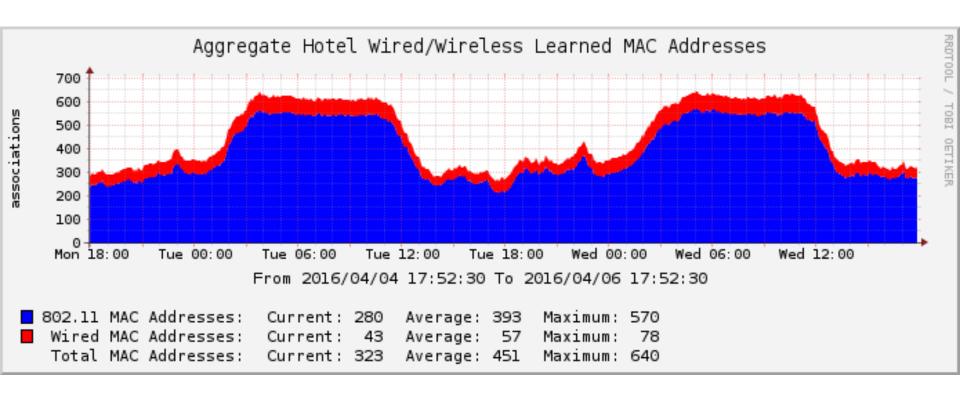
Network Basics

- 2 x 1 Gb/s links from Level 3 and 1 x 1Gb/s link from IPLAN.
- Native Public IPv4 and IPv6 from our own AS.
- Fully redundant routing and switching core.
- Sixty-three 802.11ac Access Points deployed controlled by a Cisco Wireless LAN Controller 5508.
- IETF network extended to the hotel guest rooms via wired drops in the

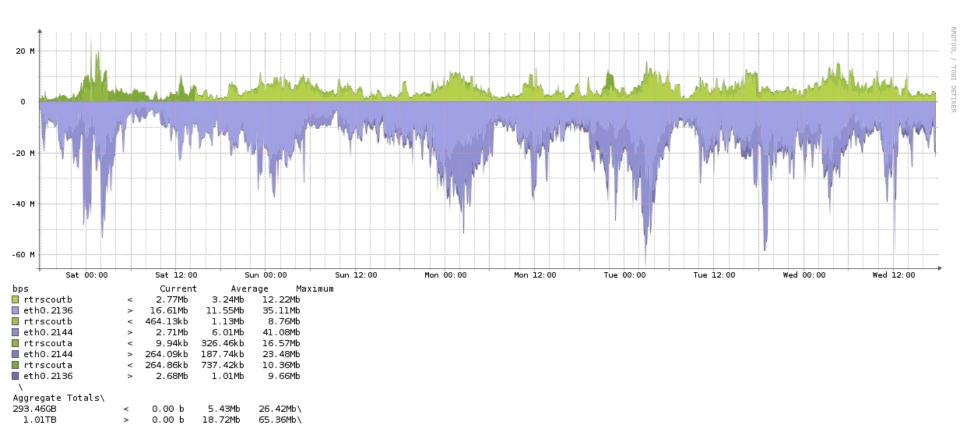
Traffic



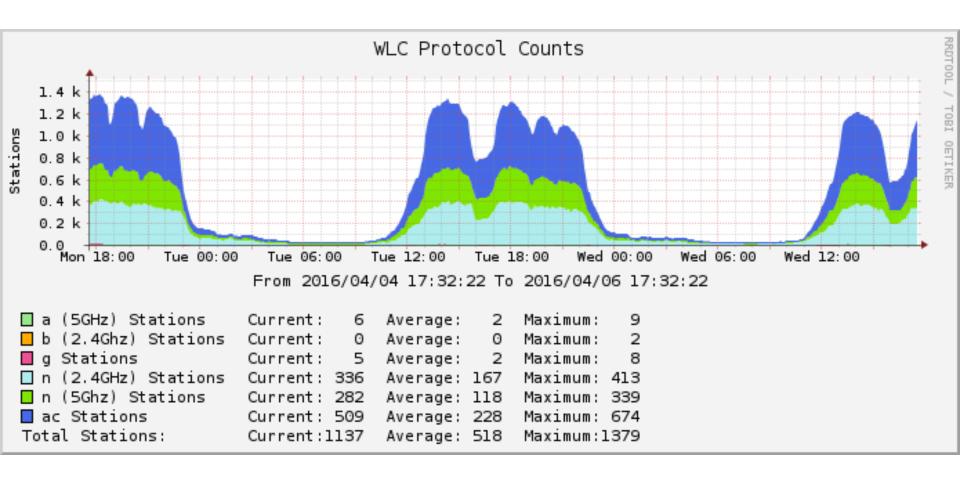
addresses



Traffic



Wireless Associations



What's New

- We've moved to 100% controllerbased access points (lightweight mode).
- User experience testing using Netbeez throughout the meeting space.
- We're now using a number of automation tools to provision devices and manage name/address space.

Network Team

IETF NOC Team Volunteers:

- Hirochika Asai (WIDE)
- Randy Bush (IIJ)
- Joe Clarke (Cisco)
- Colin Doyle (Right! Systems, Inc.)
- Bill Fenner (Arista)
- Joel Jaeggli (Fastly)
- Bill Jensen (University of Wisconsin Madison)
- Hans Kuhn (NSRC)
- Warren Kumari (Google)
- Lucy Lynch (NSRC)
- Jim Martin (Internet Systems Consortium)
- Christian O'Flaherty (ISOC)
- Karen O'Donoghue (ISOC)
- Clemens Schrimpe

Verilan:

- Sean Croghan
- James Dishongh
- Nick Kukich
- Edward McNair
- Con Reilly

Thank You

- IPLAN & Level 3
 - Connectivity
- Cisco
 - Gear contribution
- Juniper
 - Gear contribution
- A10 Networks
 - Gear contribution

- Netbeez
 - Gear contribution
- OSC Radiator
 - Licensing
- Ubiquiti
 Networks









And our friends here at the Hilton Buenos

We'd like to bid a fond farewell to our dear co-worker, Chris Elliott (chelliot). He was a friend, a mentor, a co-conspirator. His contributions to the IETF community are immeasurable. He will

be deep some since of the standard blundreds of table and protocol - Industry standard, hundreds of tools exist to exploit it - Present on any decent network equipment Query/response based: GET / SET Monitoring generally uses GET Object Identifiers (OIDs) Keys to identify each piece of data Concept of MIB (Management Information B) Defines a collection of OIDs