

IETF101 - March 2018

NOC Report

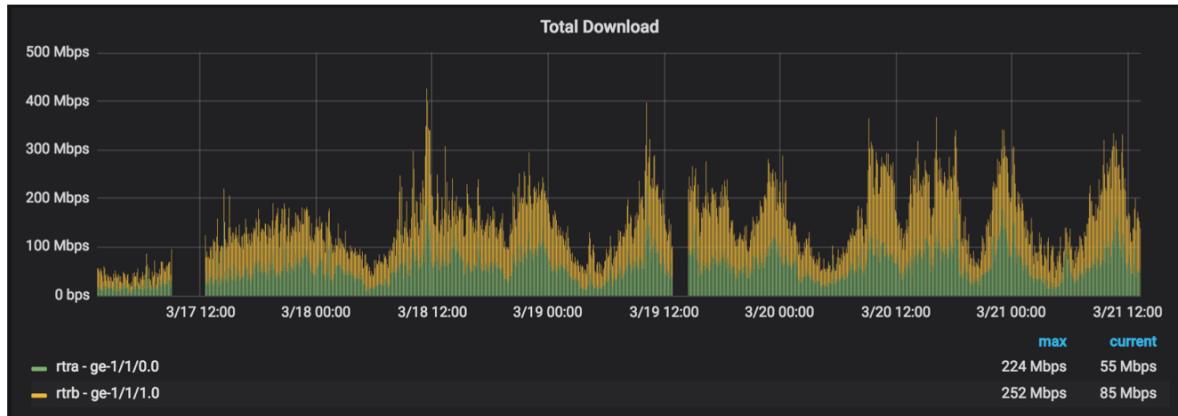


Network Basics

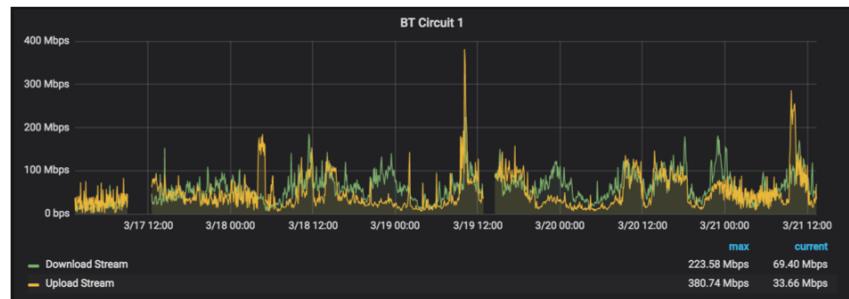
- Two 1Gbps dedicated circuits from British Telecom (BT)
- Two Cisco 5520 Wireless LAN Controllers and sixty (60) 802.11ac (Wave 2) Cisco Access Points.
- IETF network extended to the hotel guest rooms

External Traffic

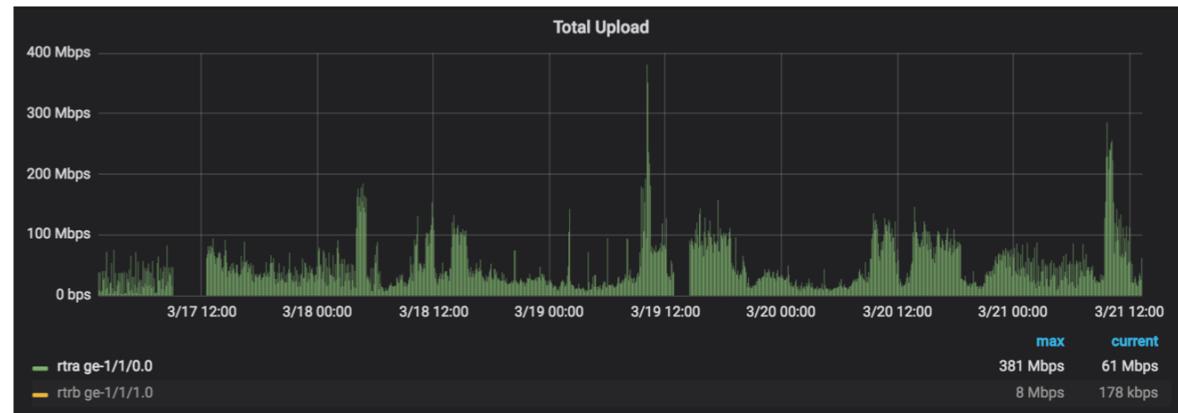
Inbound Traffic



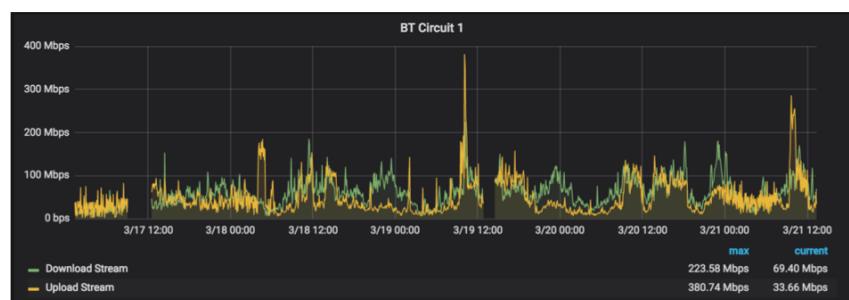
British Telecom (1)



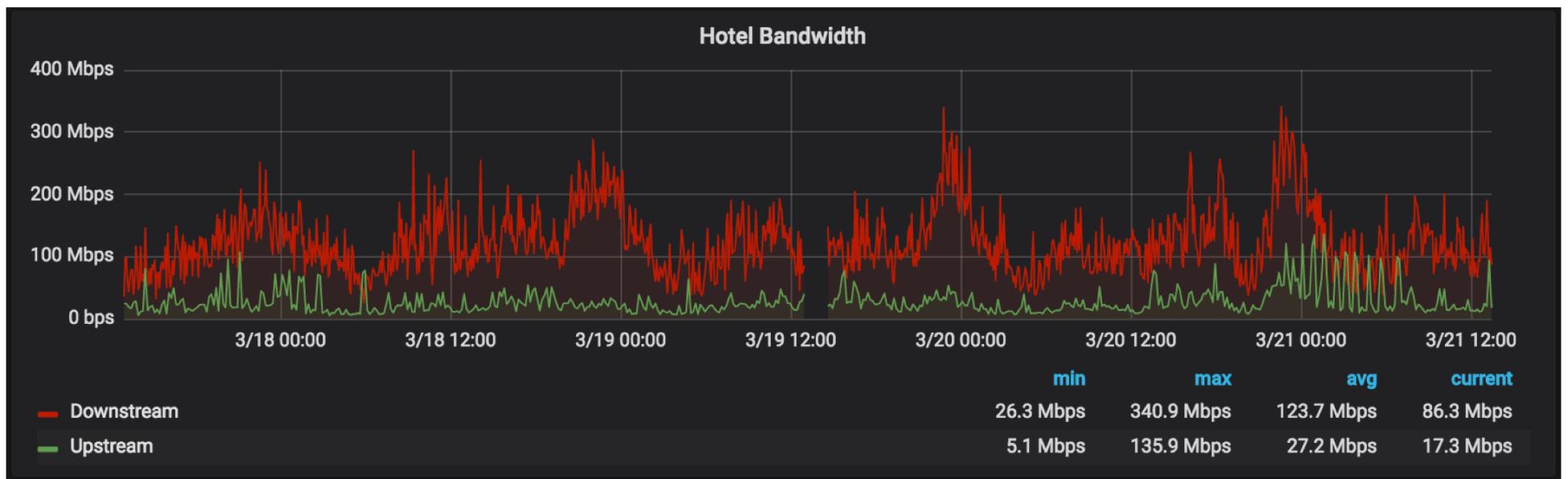
Outbound Traffic



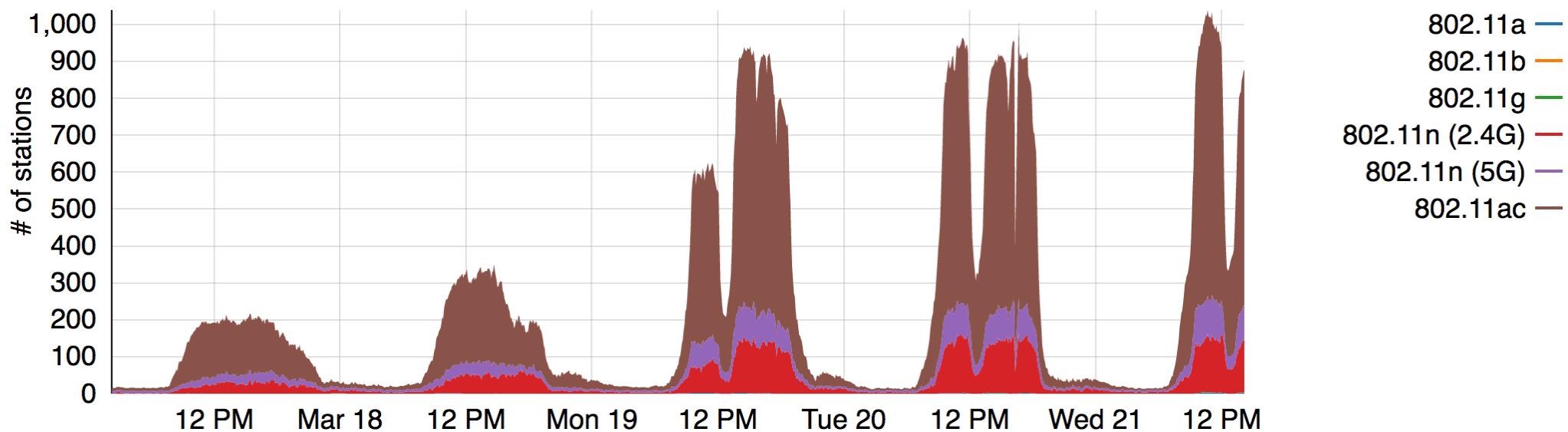
British Telecom (2)



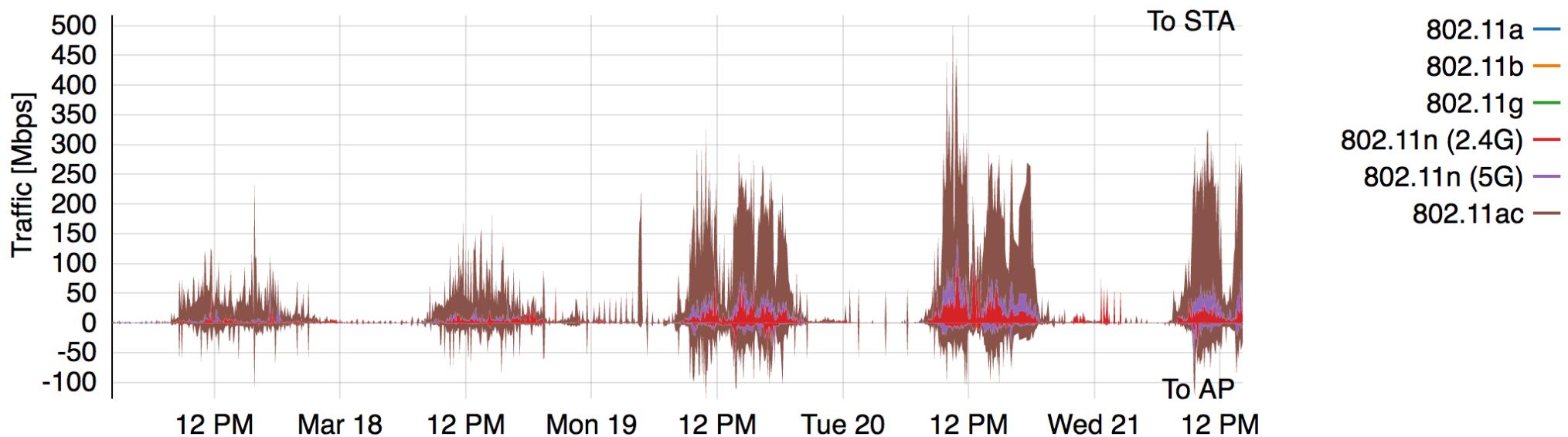
Aggregate Hotel Traffic



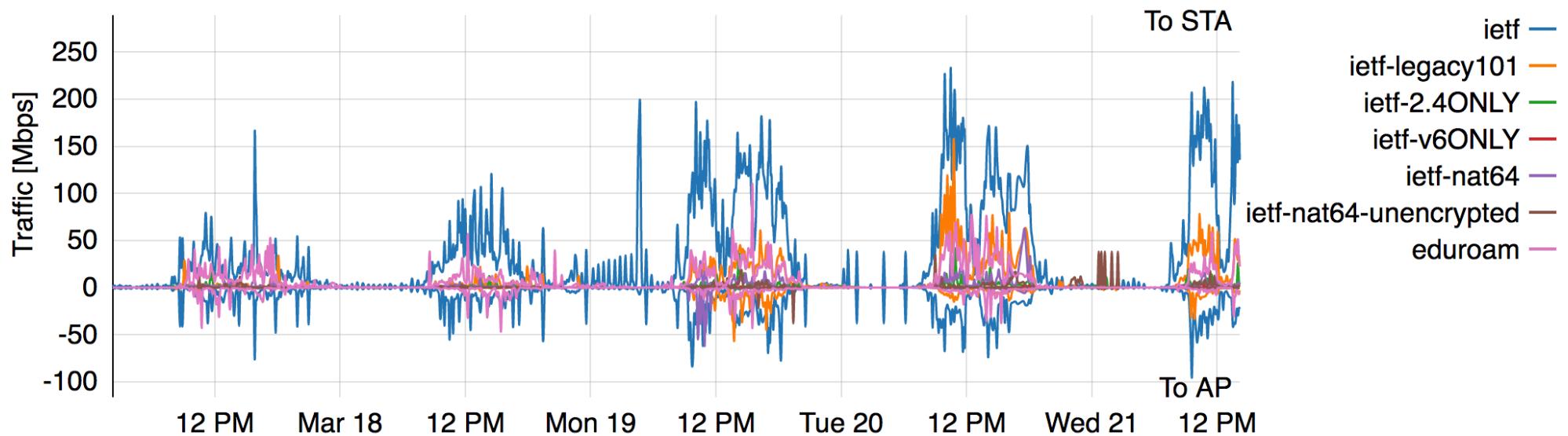
Wireless Associations (by protocol)



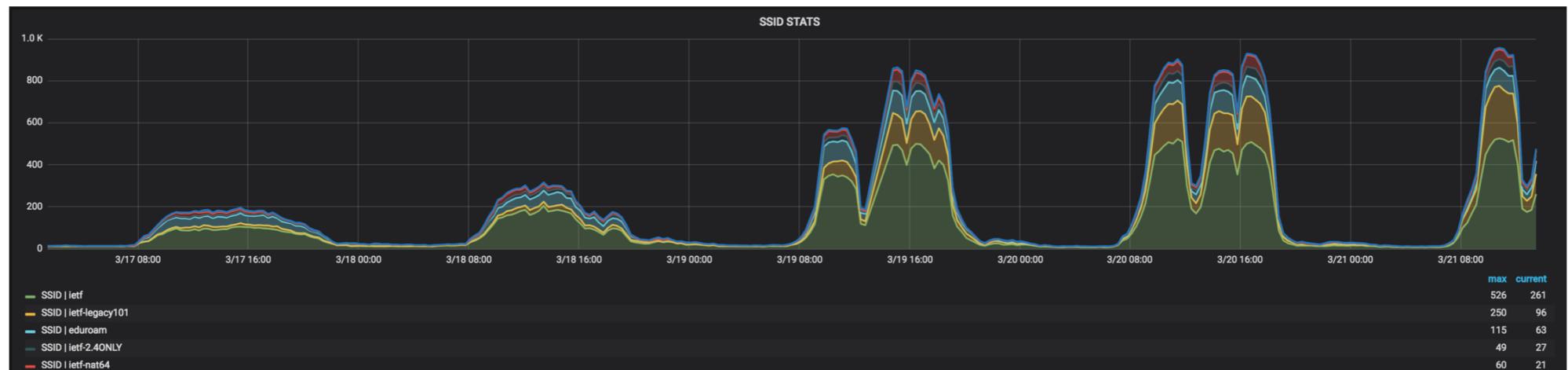
Wireless Traffic (per protocol)



Wireless Traffic (per SSID)

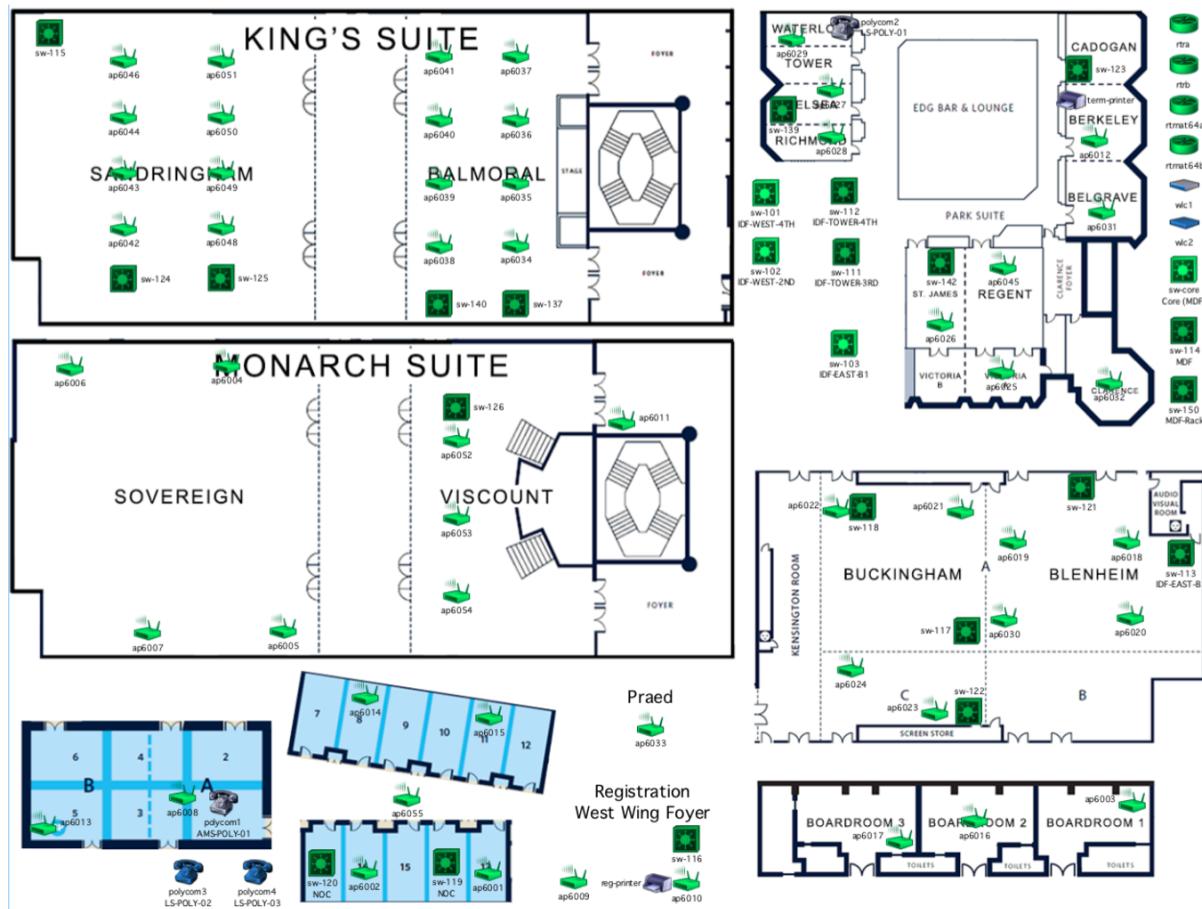


Wireless Associations (by SSID)



SSID	MAX Associations
IETF	526
IETF-Legacy	250
Eduroam	115
IETF-2.4ONLY	49
IETF-nat64	60

Access Point Deployments



What's New?

- Full deployment of newly donated Cisco equipment: 2802i access points, 3850 switches.
- Hackathon dedicated Network for experiments and multiple Network Models

Network Team

IETF NOC Team Volunteers:

- Clemens Schrimpe
- Hirochika Asai (Preferred Networks / WIDE)
- Randy Bush (IIJ)
- Bill Fenner (Arista) – in absentia
- Rob Austein (DRL)
- Joe Clarke (Cisco)
- Bill Jensen (University of Wisconsin–Madison)
- Warren Kumari (Google)
- Hans Kuhn (NSRC)
- Jim Martin (INOC)
- Karen O'Donoghue (ISOC)

Linespeed Events:

- Rick Alfvin
- Sean Croghan
- Nick Kukich
- Edward McNair
- Con Reilly

Thank You

- British Telecom (BT)
 - Connectivity
- Cisco
 - Gear contribution
- Juniper
 - Gear contribution
- A10 Networks
 - Gear contribution
- OSC Radiator
 - Licensing
- Ubiquiti Networks
 - Gear contribution
- Netbeez
 - Gear contribution



And our friends at the Hilton.