

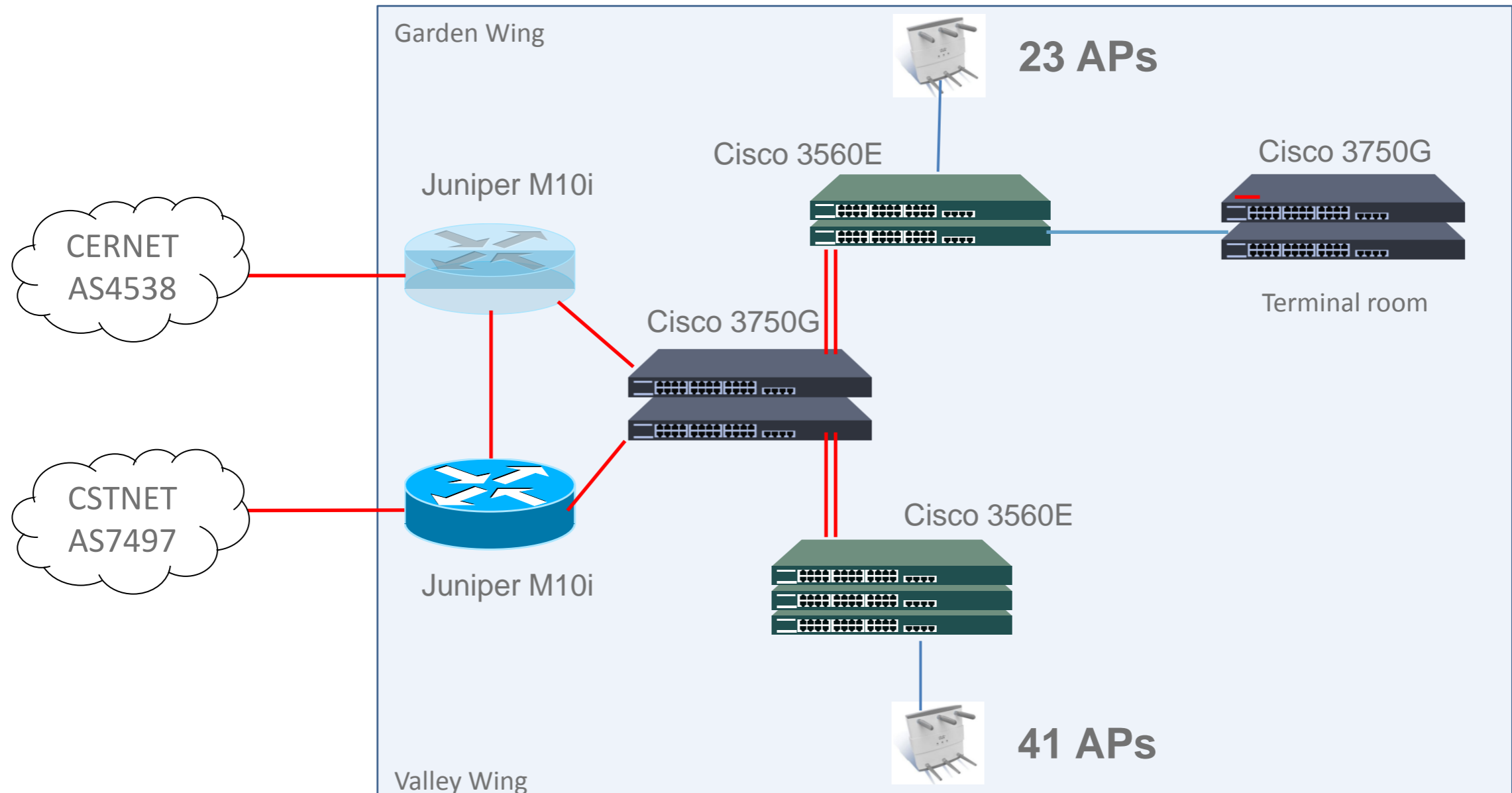


NOC Report

IETF79 · Beijing

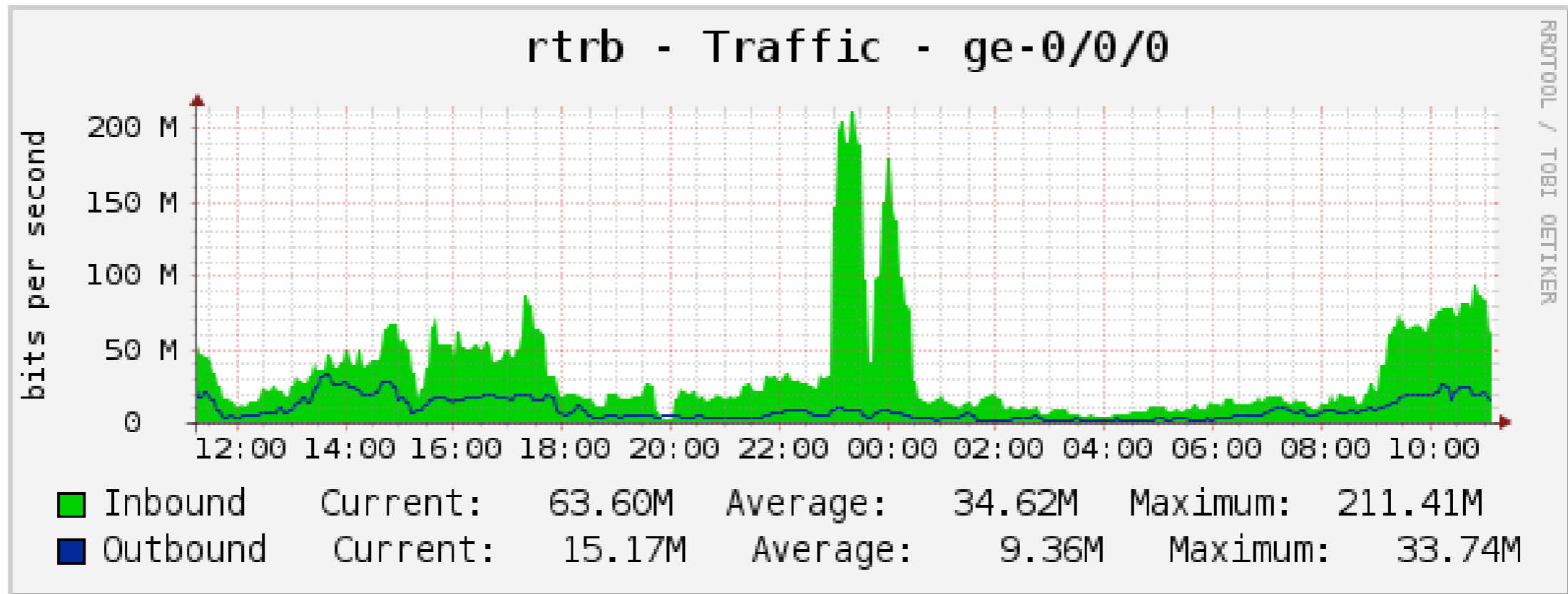
Nov. 2010

Network Topology



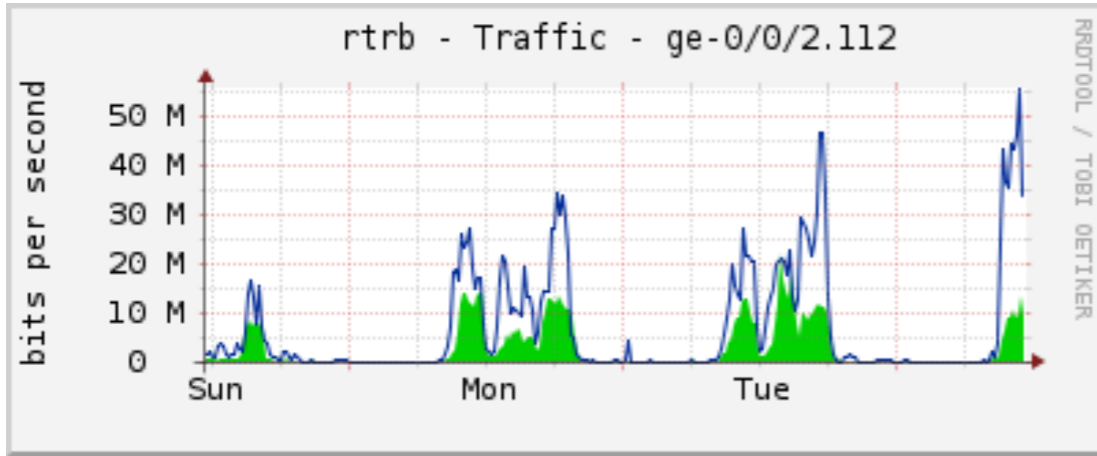
- Primary 1GE link to CERNET (AS4538)
- Backup 1GE link to CSTNET (AS7497)
- Native IPv6 from both links

External traffic

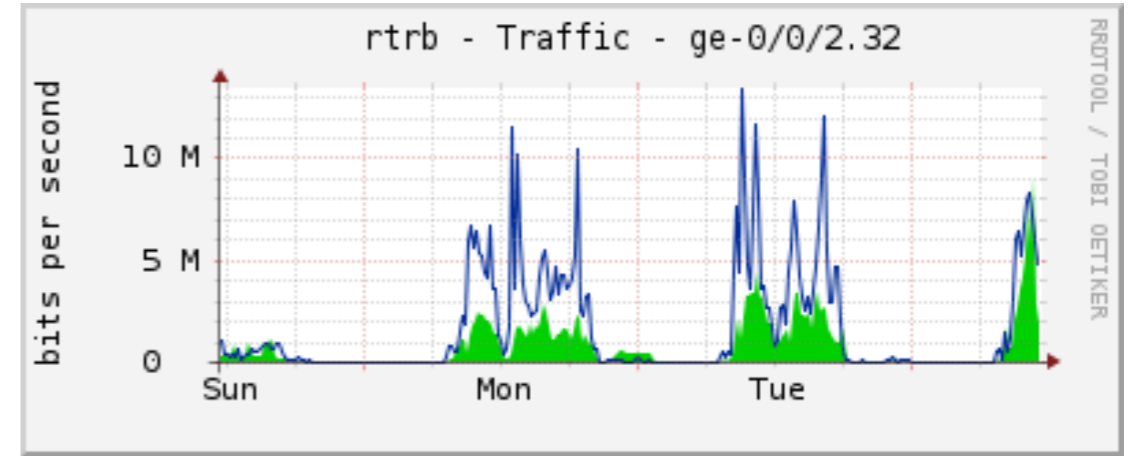


- Peaks close to 100M w/o testing traffic (~200M with testing traffic on Tuesday night)

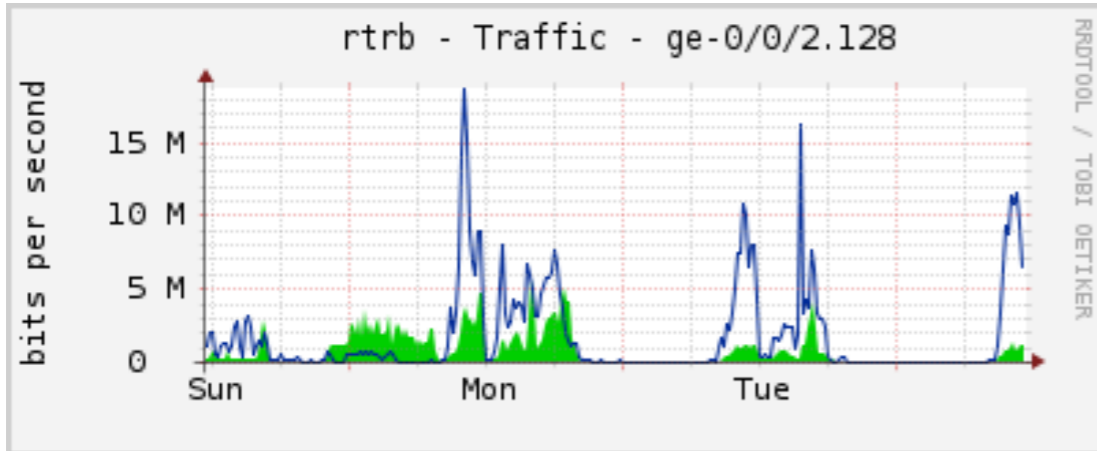
Internal traffic



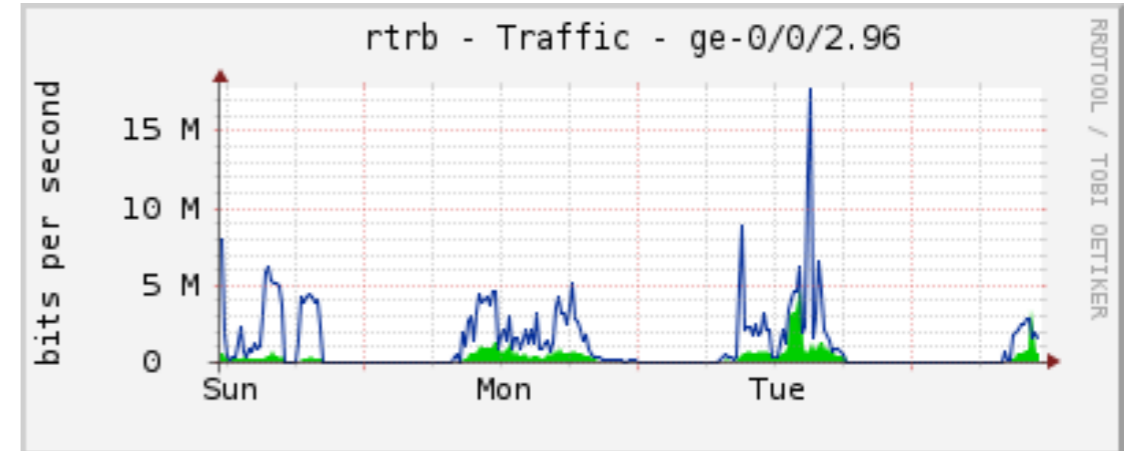
ietf-portal



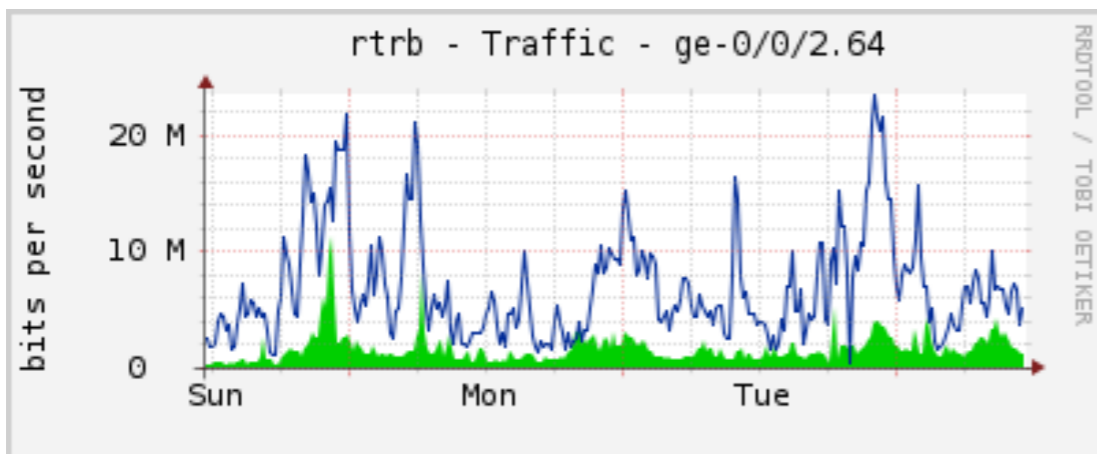
ietf.1x



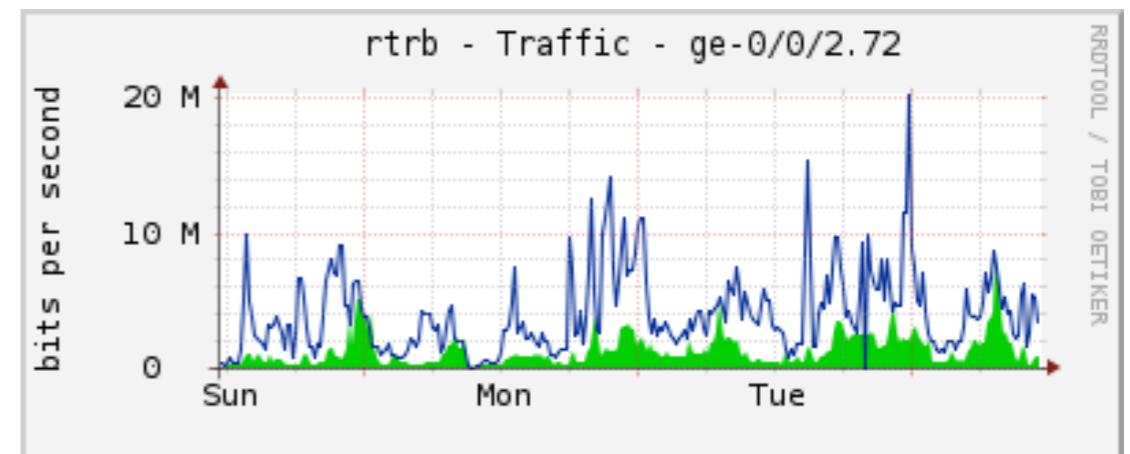
ietf-a-portal



ietf-a.1x

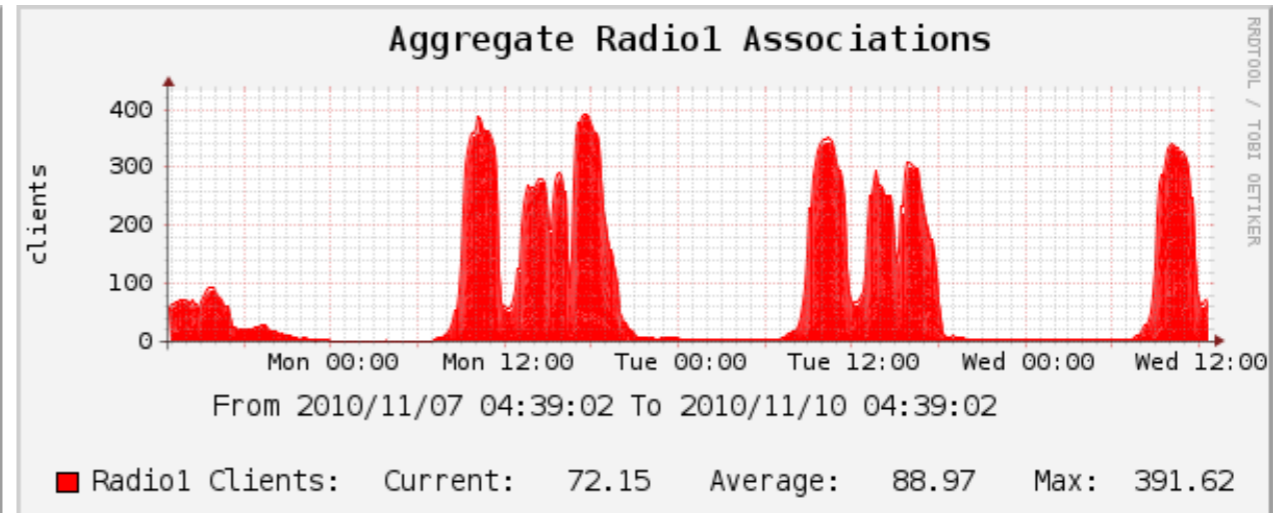
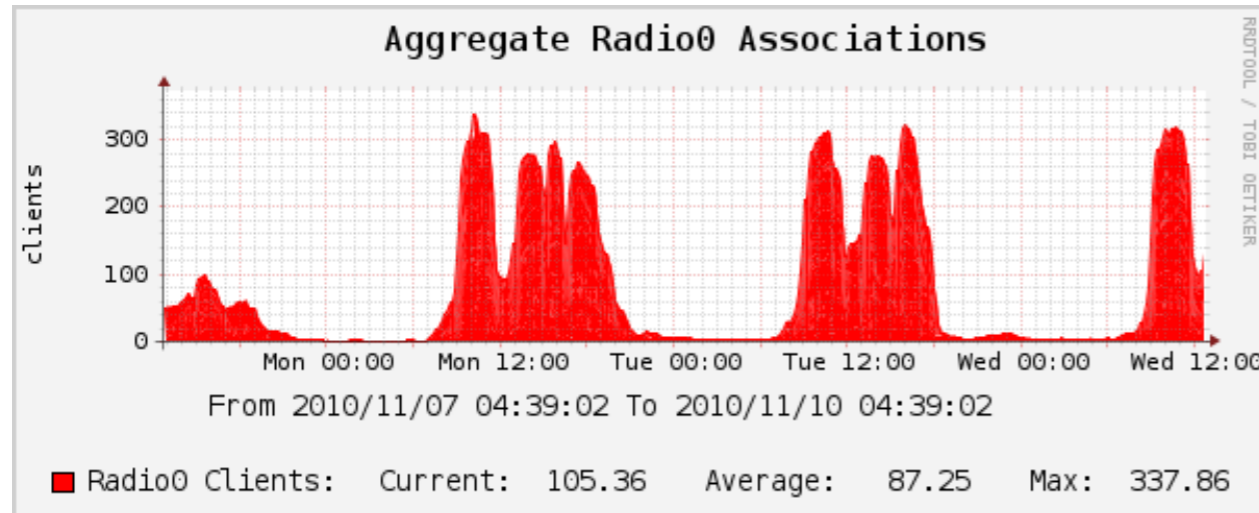


ietf-hotel



ietf-hotel.1x

Wireless



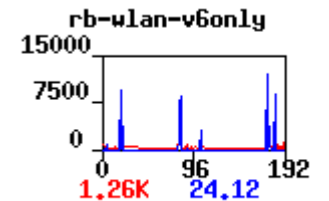
- 64 Cisco a/b/g/n APs
- Guest rooms covered by hotel wireless infrastructure, traffic go through ietf network
 - [ietf-hotel](#), [ietf-hotel.1x](#) will stay until Monday morning, but will become hidden from Friday night
- Peaks about 740 simultaneous associations
- Well over 50% using 802.11a/n

Experimental networks statuses

The IETF supports several experimental networks to deploy our own work. Enjoy that dogfood!

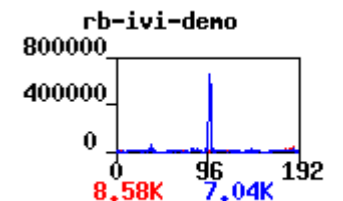
SSID	Access Credentials	Purpose	Location
ietf-v6ONLY	WPA/WPA2 Enterprise w/ normal IETF credentials	A IPv6-only network for investigating IPv6 in the absence of IPv4	IETF Meeting Area
ietf-nat64	None	A demonstration of NAT64	IETF Meeting Area
ivi-dhcpv6	None, for Windows 7/Windows Vista/Linux? with DHCPv6 client	A demonstration of stateless translation (IVI) (only available in exhibition area).	Expo Centre
ivi-slaac-dhcpv4	None	A demonstration of stateless translation (IVI) when Windows XP or MAC OS are used (only available in exhibition area).	Expo Centre

**v6ONLY
(27 associations)**



**NAT64
(36 associations)**

**Stateless translation (IVI) in
Expo Centre
(10 associates)**



Issues

- Power issue
 - 9 adapters replaced.
- Printer issue
 - Should be fixed by now.
- WPA/1x issue on windows PC
 - 3 reported and fixed.

Many Thanks!

China Team

- Xing Li
- Jilong Wang
- Xiaoliang (Leon) Zhao
- Zhiyan (James) Zheng
- Hewu Li
- Fenghua Li
- Qian Wu
- Wu Liu
- Wei Jiang
- Liang Huang
- Ting Pan
- Weicai Wang
- Yihong Sang
- Bojian Wang
- Qing Xie
- Yuanchao Su
- Anyi Wu

International Volunteers

- Bill Fenner
- Bill Jensen
- Chris Elliott
- Jim Martin
- Joel Jaeggli
- Karen O'Donoghue
- Lucy Lynch
- Randy Bush
- Warren Kumari

Also , thanks to

- Tsinghua student volunteers
- CERNET
- CSTNET
- Deutsche Telekom
- Shangri-la hotel