

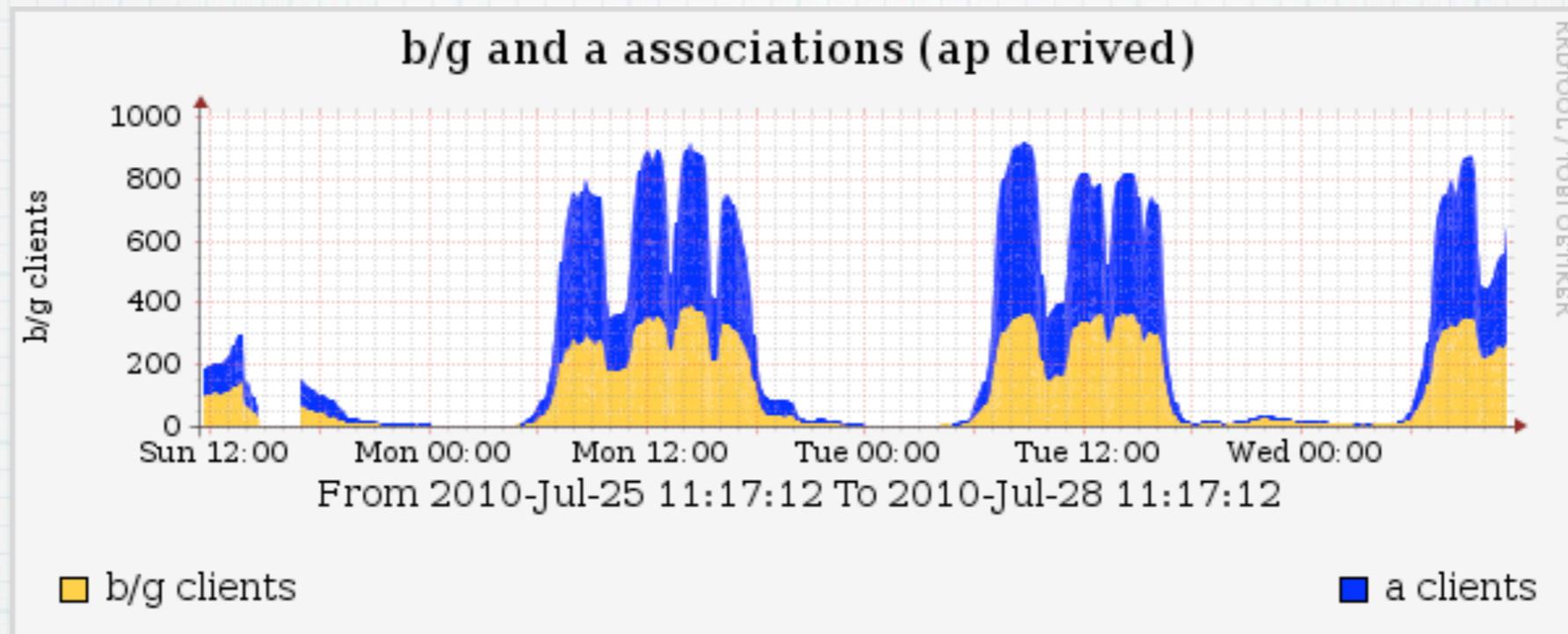
NOC Report

IETF 78 Maastricht
July 2010

It seemed like a good idea at the time...

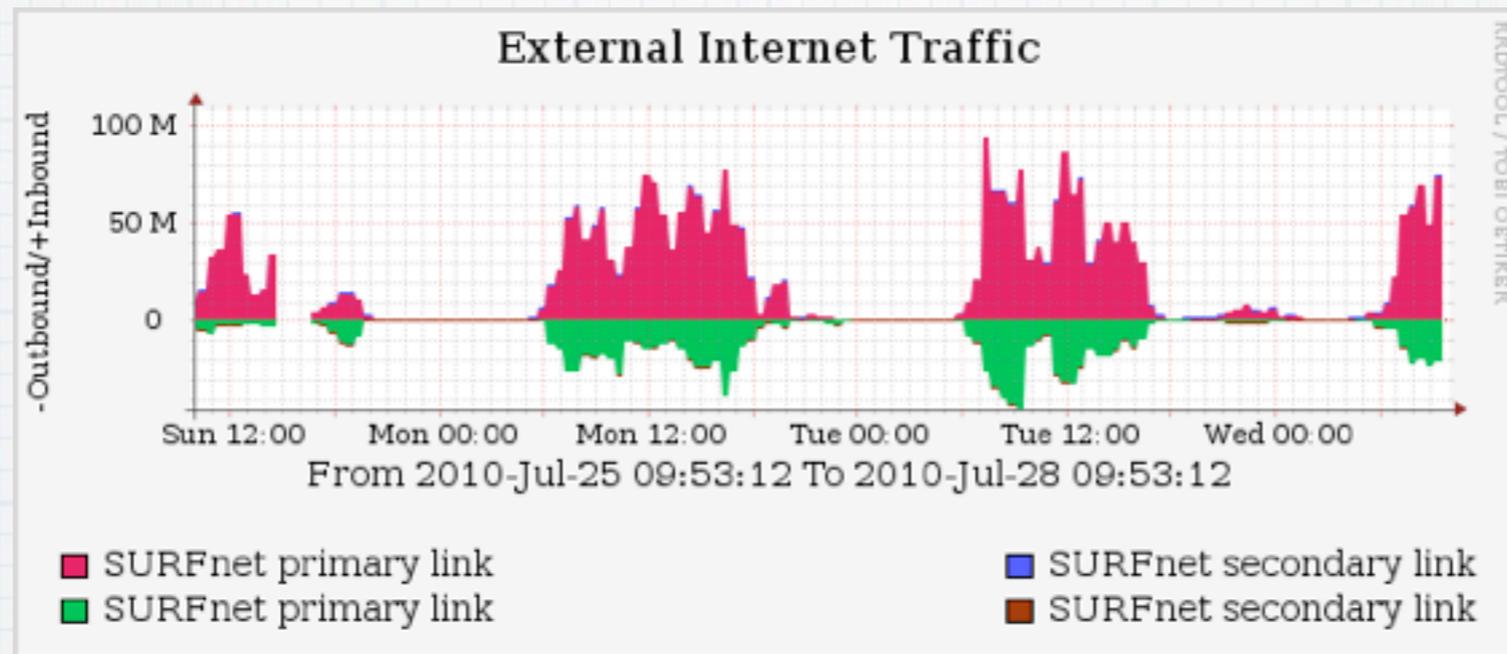
- * Network in Anaheim was expensive and sub-optimal
- * So this one is all volunteer
- * Lots of extra help from RIPE and the team from Tsinghua University in Beijing

Wireless



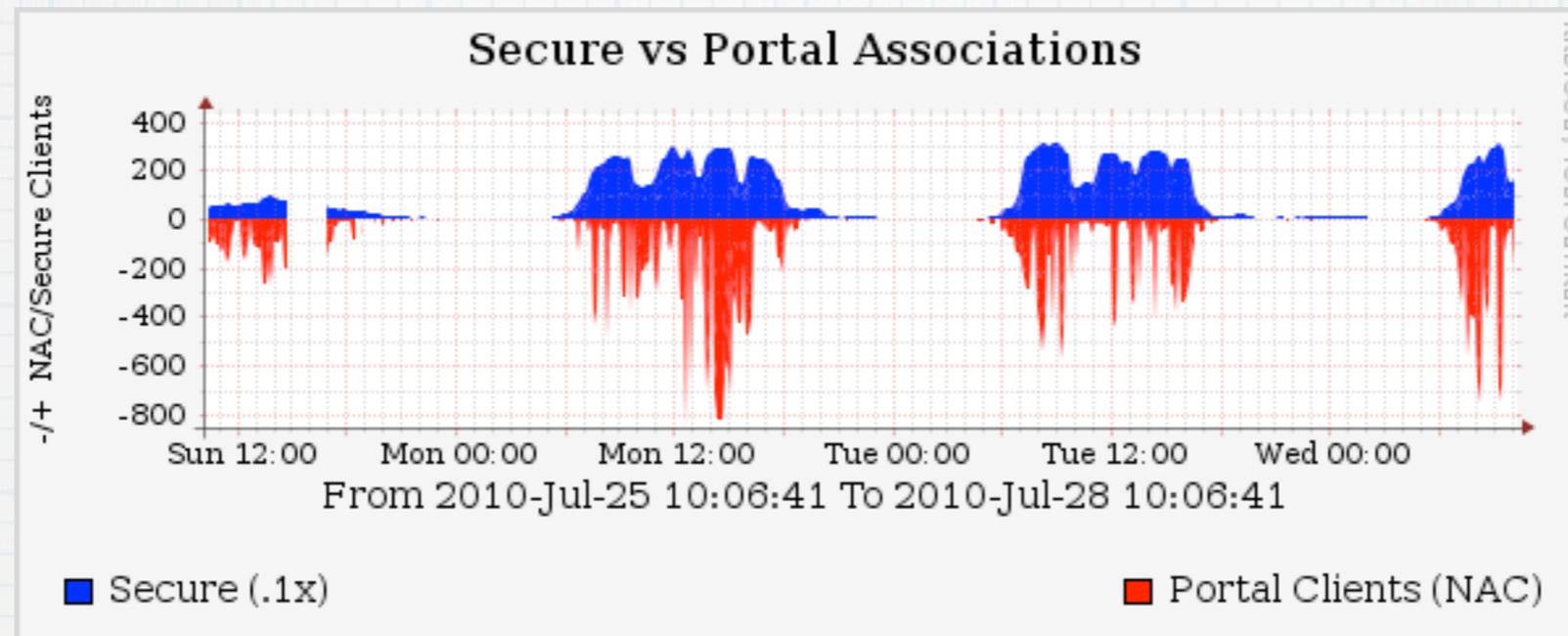
- * 62 Cisco a/b/g/n APs each beaconing 11 SSIDs
- * (originally) Just the MECC
- * Peaks above 800 simultaneous associations with over 3000 DHCP leases
- * Well over 50% using 802.11a/n

Internet Connectivity



- * 2 x 1G from SURFnet, to two separate POPs
- * Native IPv6
- * Routers from Juniper
- * Peaks around 100M

Admission Control



- * Being trialed in preparation for Beijing
- * 802.1X/WPA Enterprise
- * Web Based Portal
- * Roughly 2 to 1 ratio between Portal and 802.1X
- * Eduroam Experiment Successful!
- * Thanks to all of you!

The Hotel

- * Pre-IETF: The hotel contacts their vendor and is told "we can handle it"

- * Sunday Night: The net melts

- * Monday/Tuesday: complaints

- * Tuesday Noon: NOC installs AP facing the NH

- * Tuesday afternoon: Hotel asks for help

- * 8pm: IETF Net to hotel

- * 10pm: determine new hardware is needed

- * 2am: Hardware arrives, configuration begins

- * 6am: Net is back up, using our link and with no portal



Many Thanks!

* Bill Jensen

* Chris Elliott

* Geert Jan de Groot

* Hewu Li

* Jim Martin

* John Kemp

* Joel Jaeggli

* Karen O'Donoghue

* Lucy Lynch

* Menno Schepers

* Michal Krsek

* Randy Bush

* Rob Nagy

* Sjoerd Oostdijck

* Wei Jiang

* Wu Liu

* Xiaoliang Zhao

* Zhiyan Zheng