RIPE NCC
RIPE NETWORK COORDINATION CENTRE

RIPE 71
Technical Report

Răzvan C. Oprea| 20 November 2015 | RIPE 71

Technical Services

Network

Network

RIPE Meeting network:

- AS 2121
- 193.0.24.0/21
- 2001:67c:64::/48

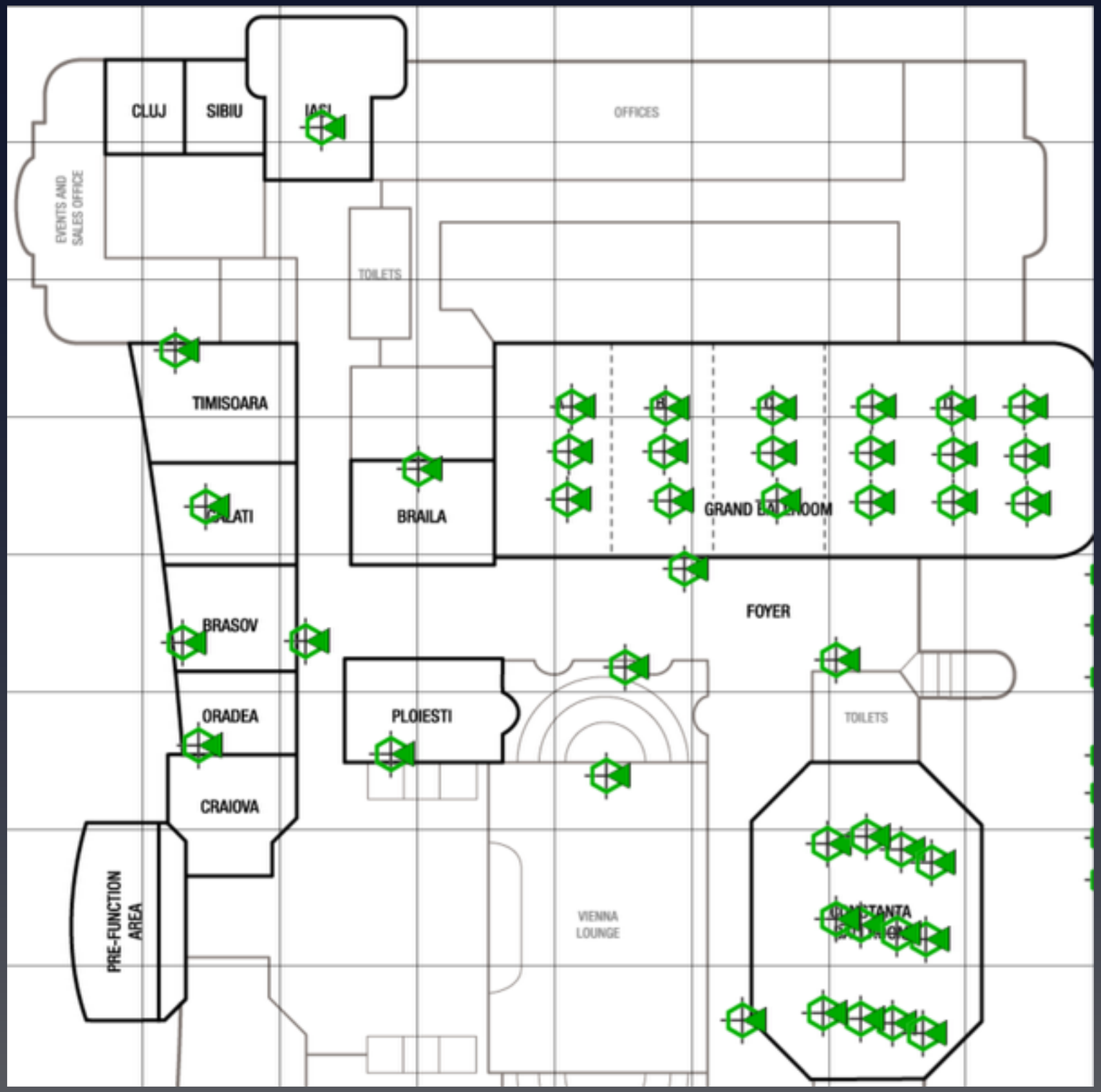
Connectivity provider Interlan:

- 2 separate fibres
- AS 39107

Technical Services

Wi-Fi

AP deployment



Wi-Fi issues

- Aerohive country code (regulatory domain)
- Mac OS X 10.10 Yosemite & Aerohive
- Linux & FreeBSD clients

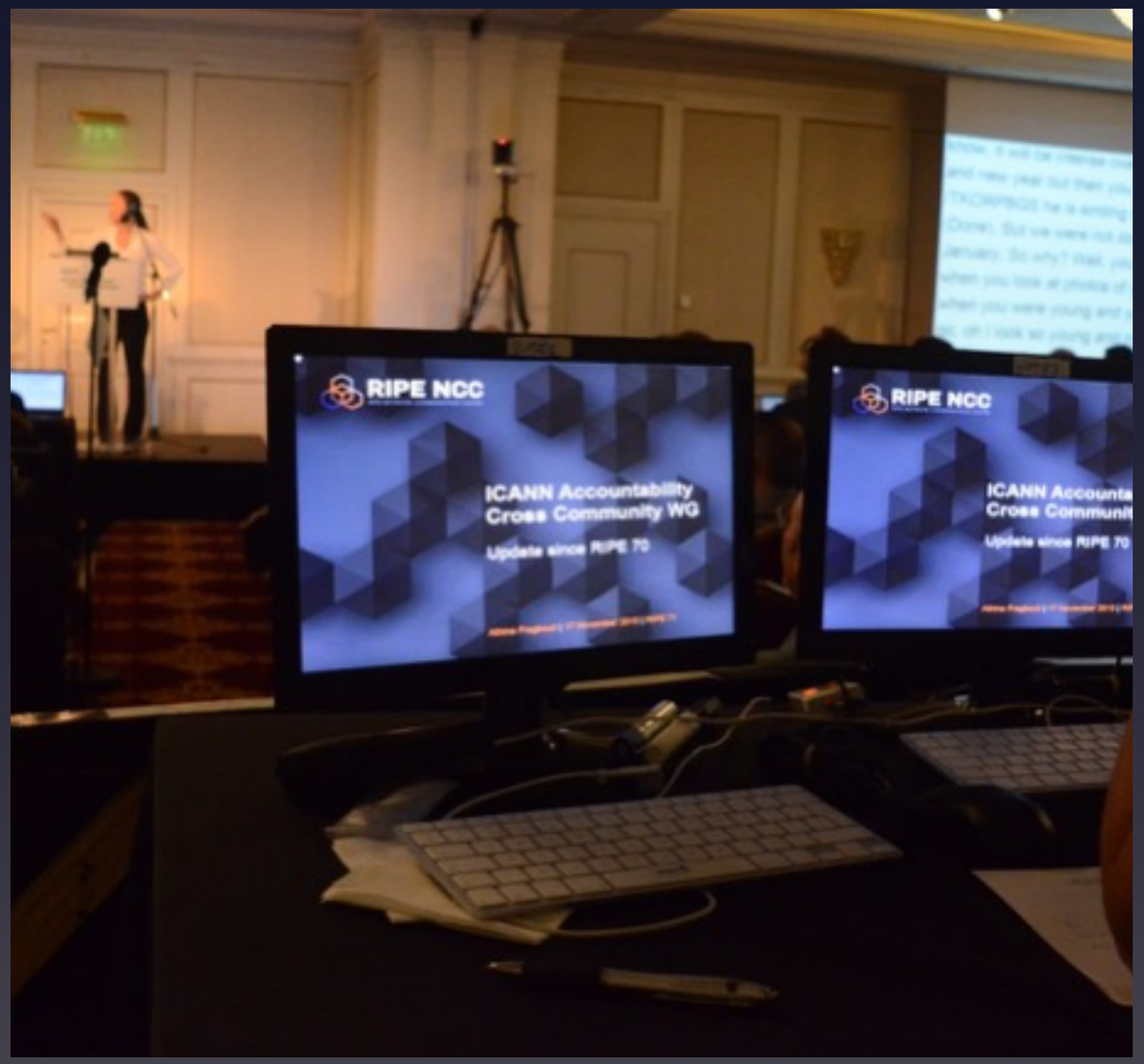
Technical Services

Everything else
(but very important items)

- Registration Desk
- Terminal Room
- Network services
  - DHCP, DHCPv6
  - resolver, IRC server
- IT Helpdesk
- Patches, tape, …

Presentation System

- Seamless presentations
- Keynote, Powerpoint,
- ODF, PDF
- Remote presentations using Skype
- Own laptop support

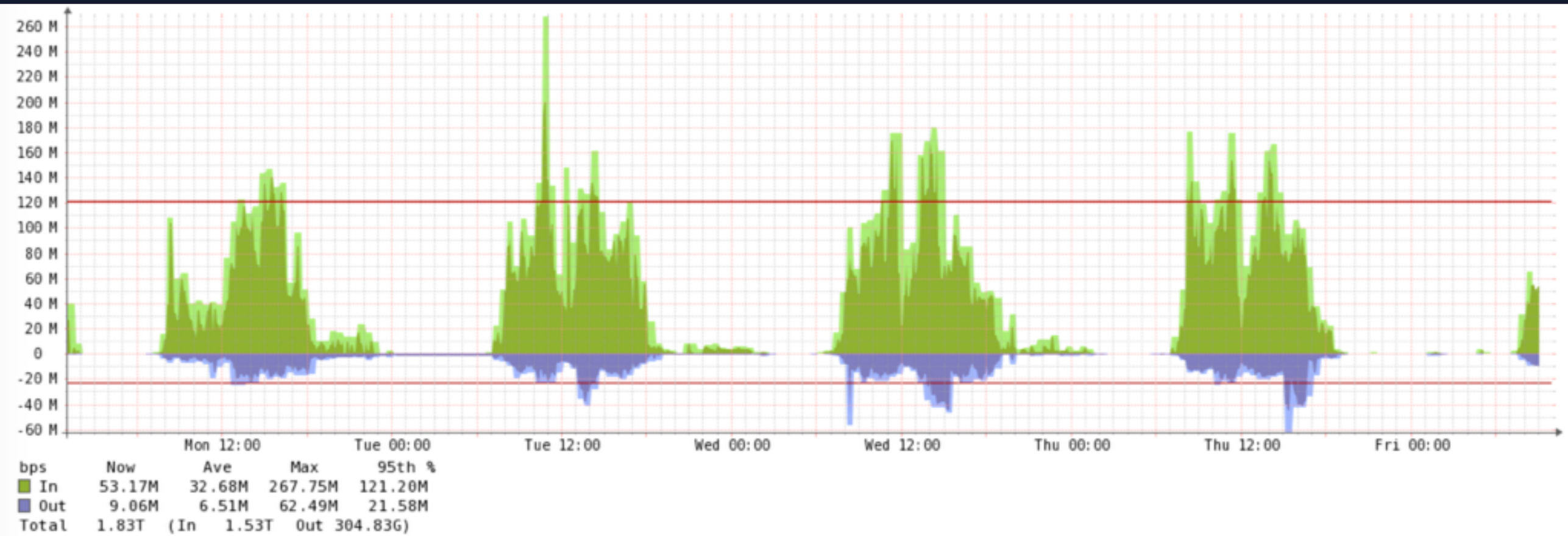


Webcast

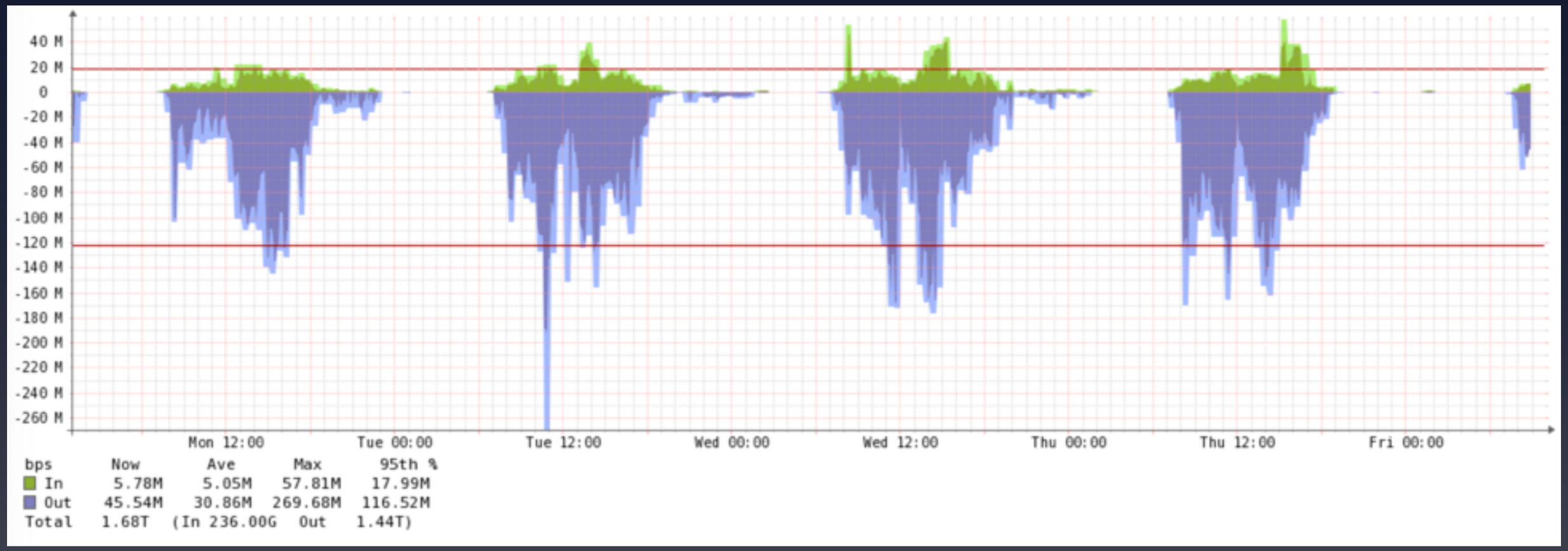
- H.264 + AAC
- HTML5 & RTSP
- Flash fallback

Statistics

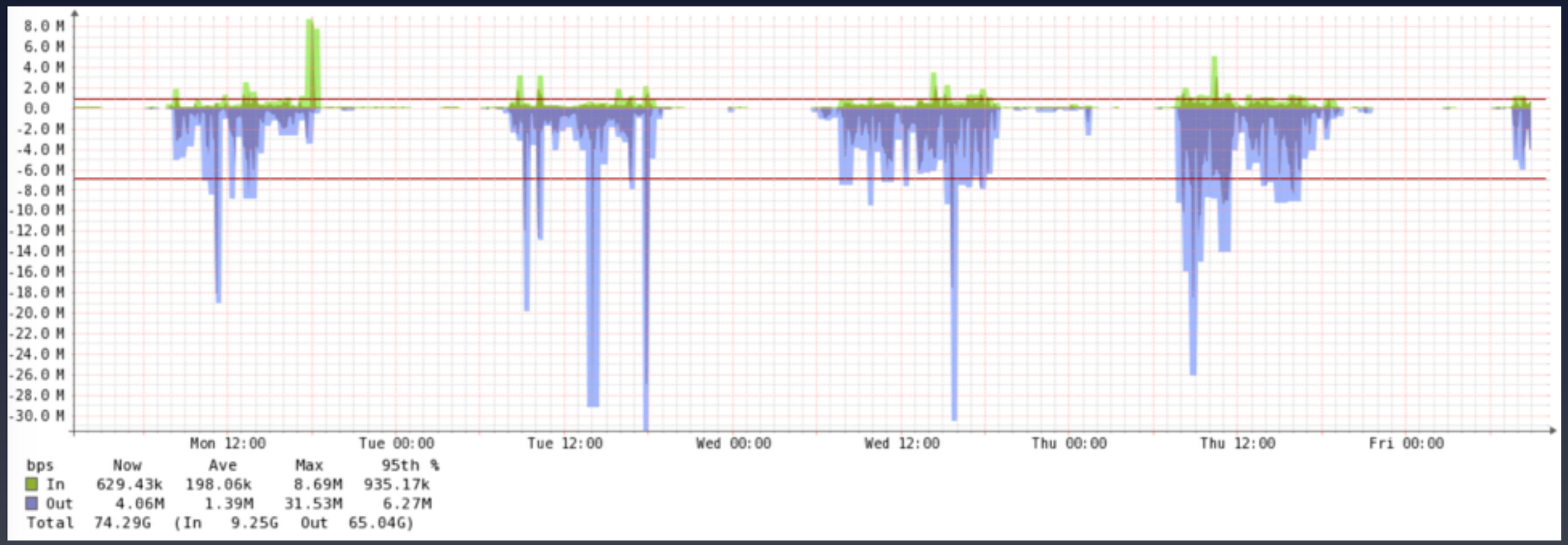
Total network traffic



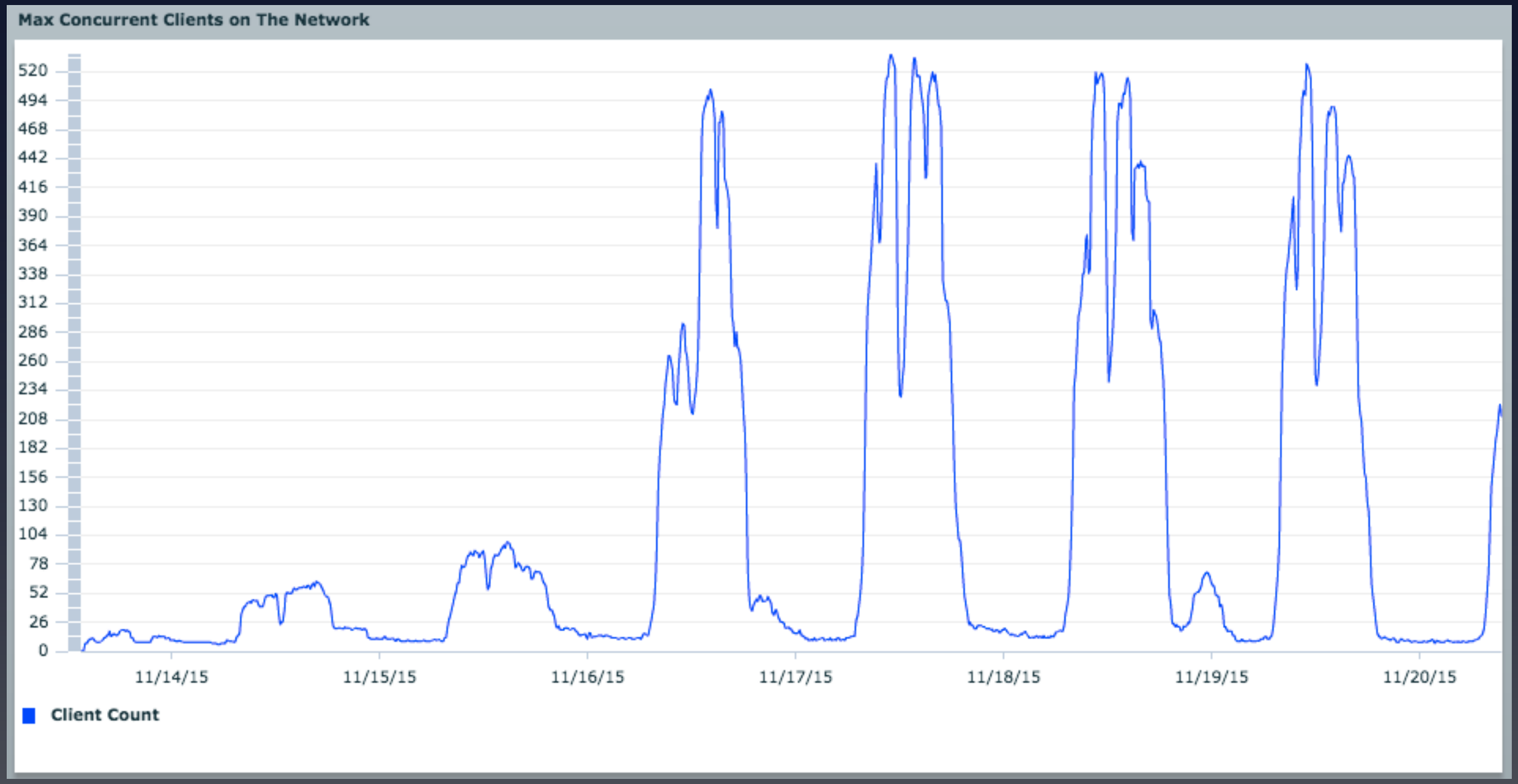
ripemtg SSID traffic



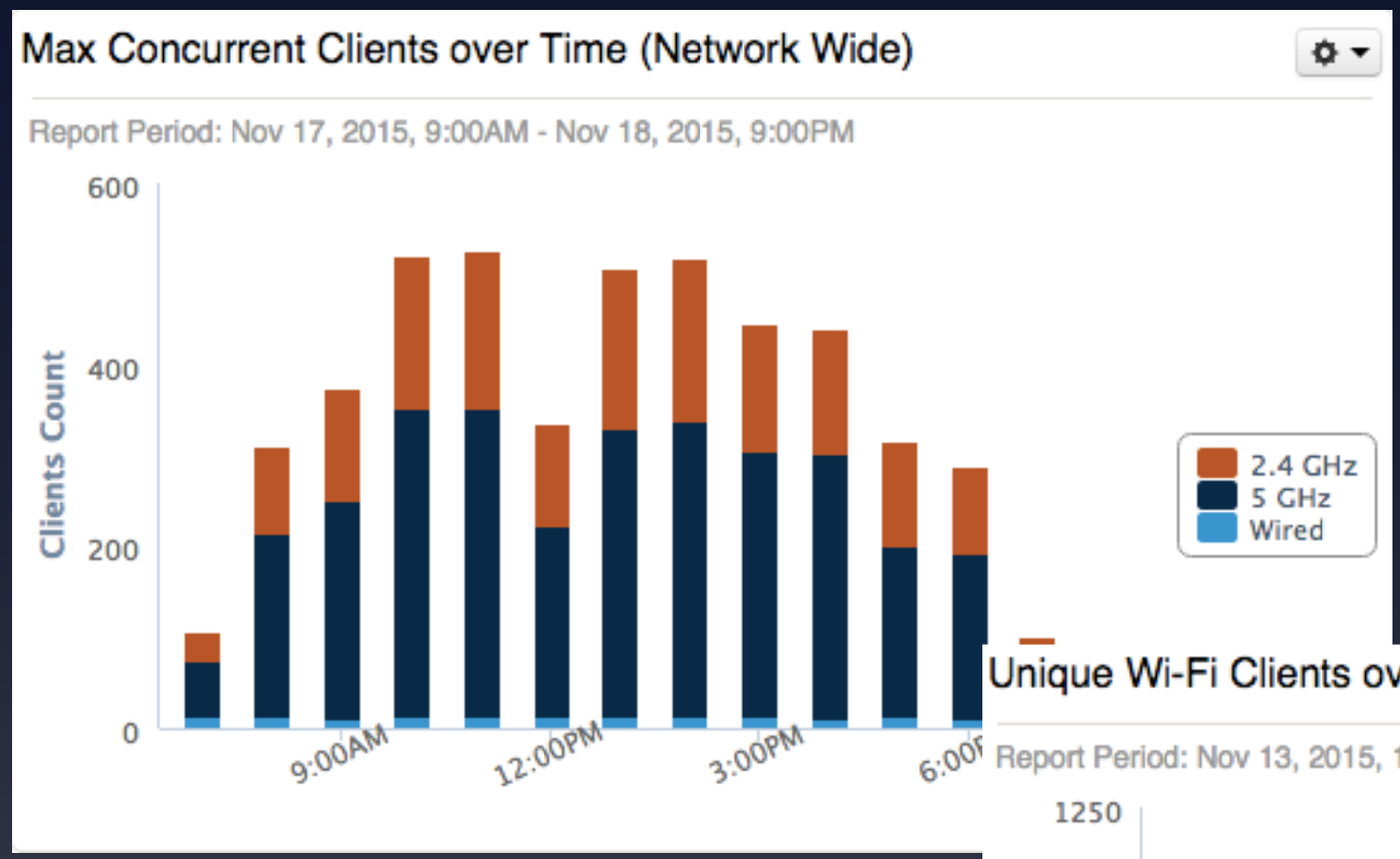
ripemtg-nat64 traffic

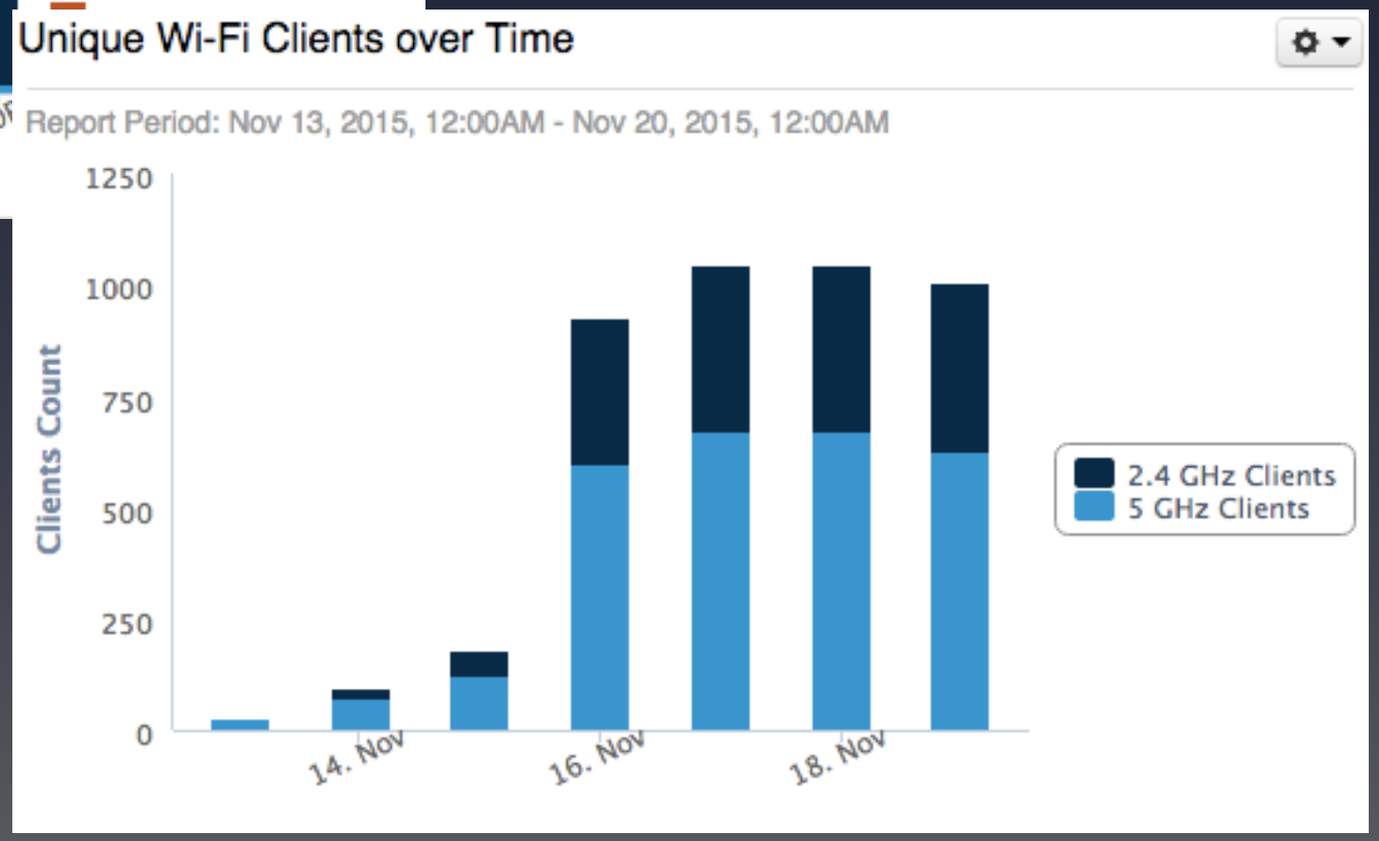


Concurrent Wi-Fi clients



Wi-Fi stats


Max Concurrent Clients over Time (Network Wide)
Report Period: Nov 17, 2015, 9:00AM - Nov 18, 2015, 9:00PM
Clients Count
600
400
200
0
9:00AM
12:00PM
3:00PM
2.4 GHz
5 GHz
Wired

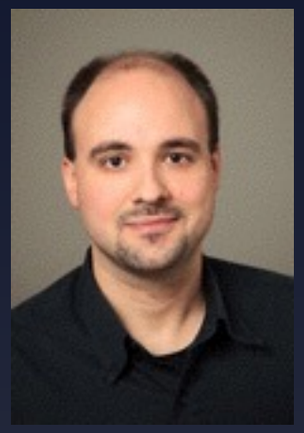

Unique Wi-Fi Clients over Time
Report Period: Nov 13, 2015, 12:00AM - Nov 20, 2015, 12:00AM
Clients Count
1250
1000
750
500
250
0
14. Nov
16. Nov
18. Nov
2.4 GHz Clients
5 GHz Clients

Technical Team

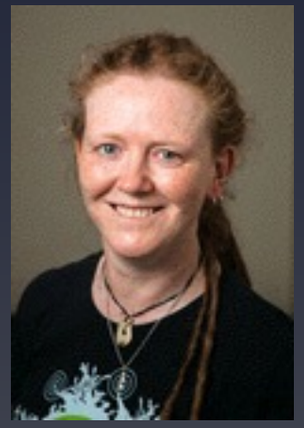
Stenography

Mary **Aoife** **RJ**

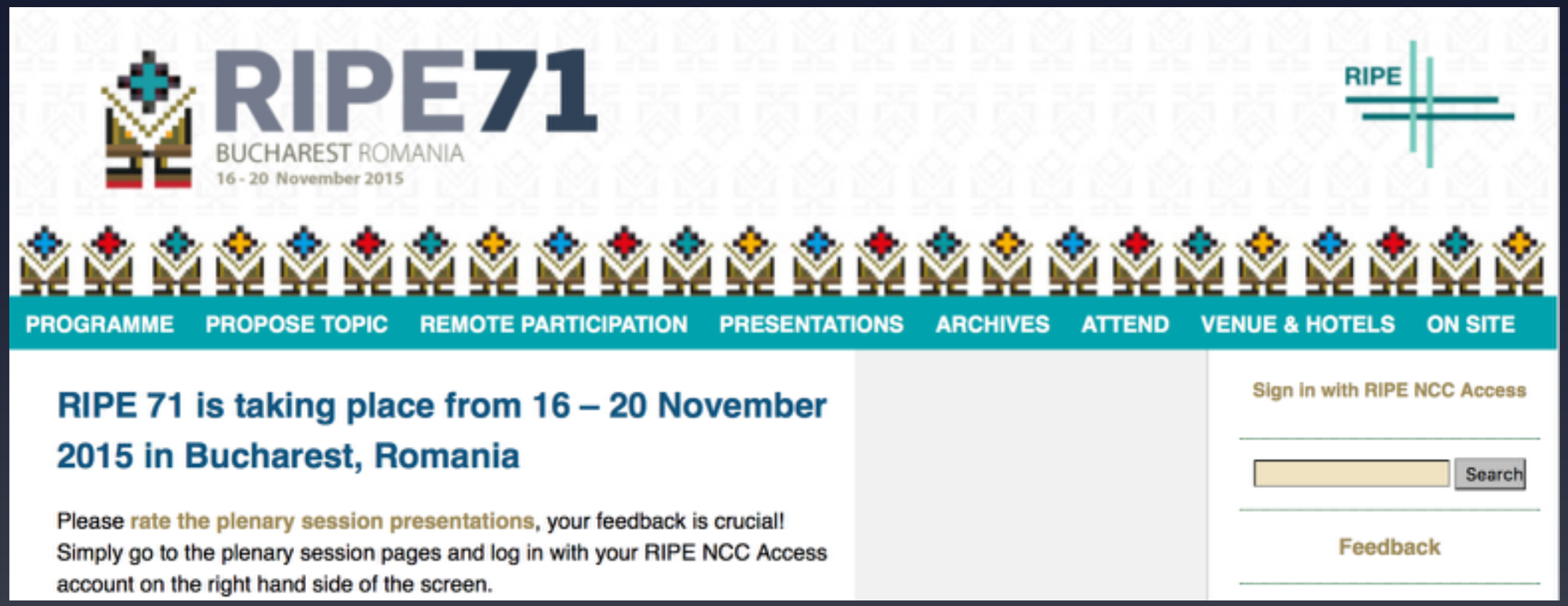
Web Services



Mihnea

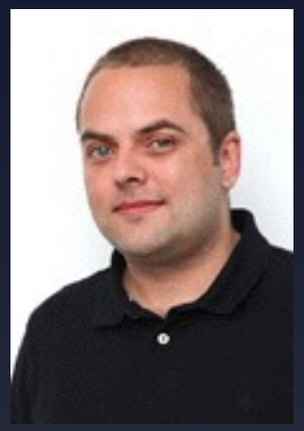


Marita

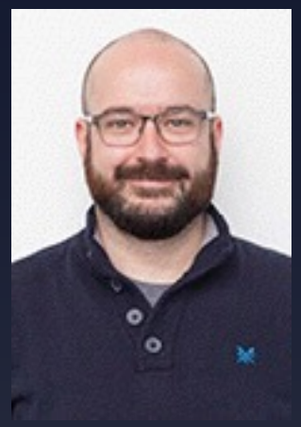


OPS Team

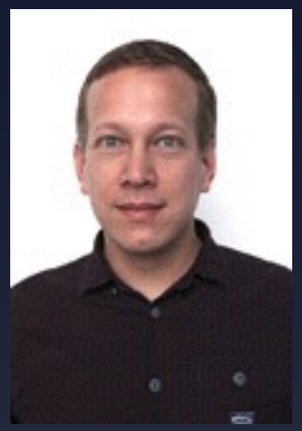
Brian



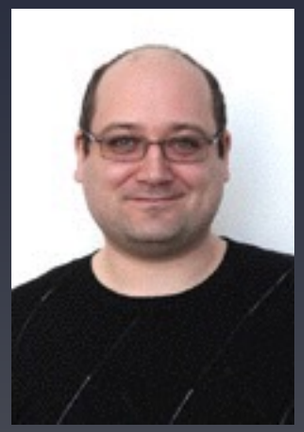
Colin



David



Menno



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Sjoerd

Xavier

Questions ?

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