RIPE NCC
RIPE NETWORK COORDINATION CENTRE

RIPE 73 - Madrid Technical Report

Meeting OPS team

Menno Schepers | 28 October | RIPE 73

Colt connectivity sponsor

- AS 8220
- 1 Gbps

RIPE Meeting Network

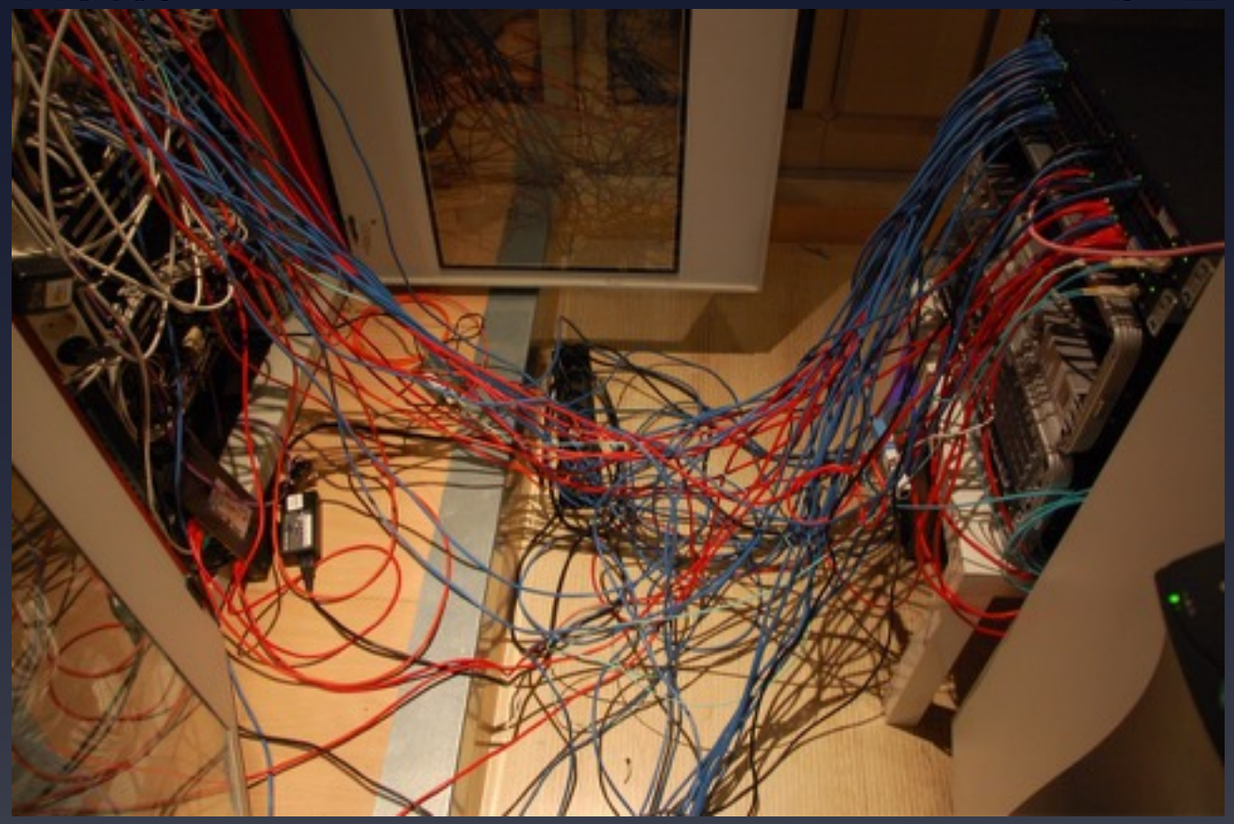
- AS 2121
- 193.0.24.0/21
- 2001:67c:64::/48

Uplink coming in the hotel server room

Setting up the meeting network

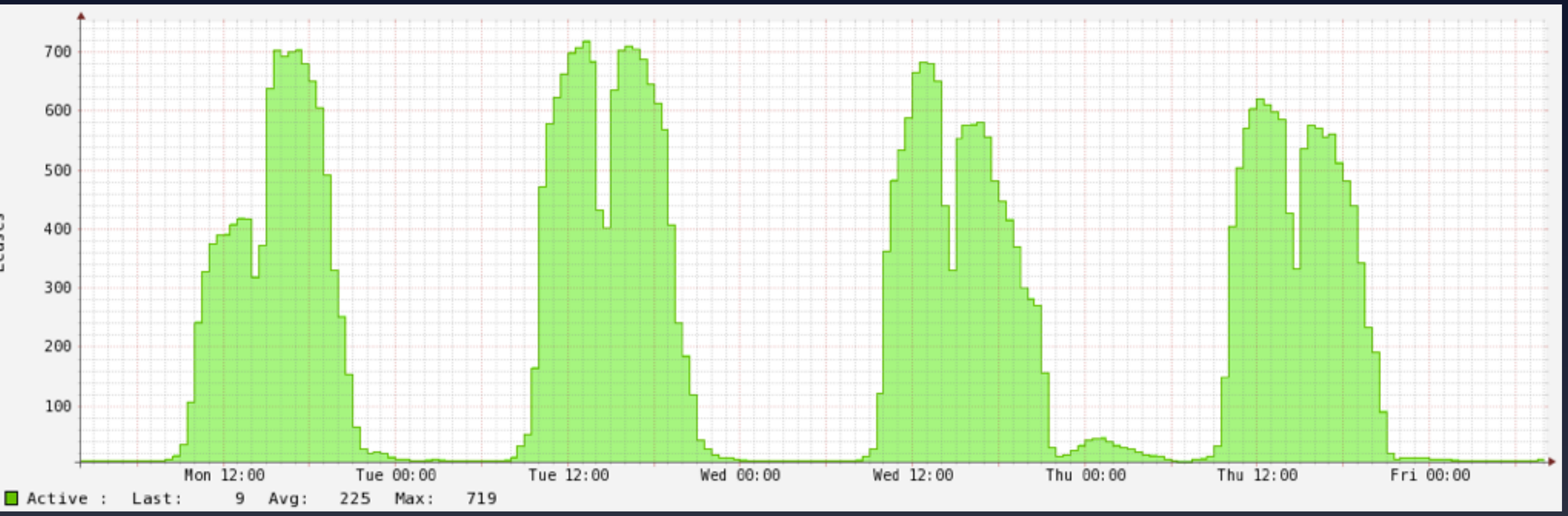
Hotel

RIPE



Neatly patching our equipment to the hotel patches and switches

DHCP Leases



Maximum active leases - 1 hour lease time

2016 RIPE 73 - Madrid 719

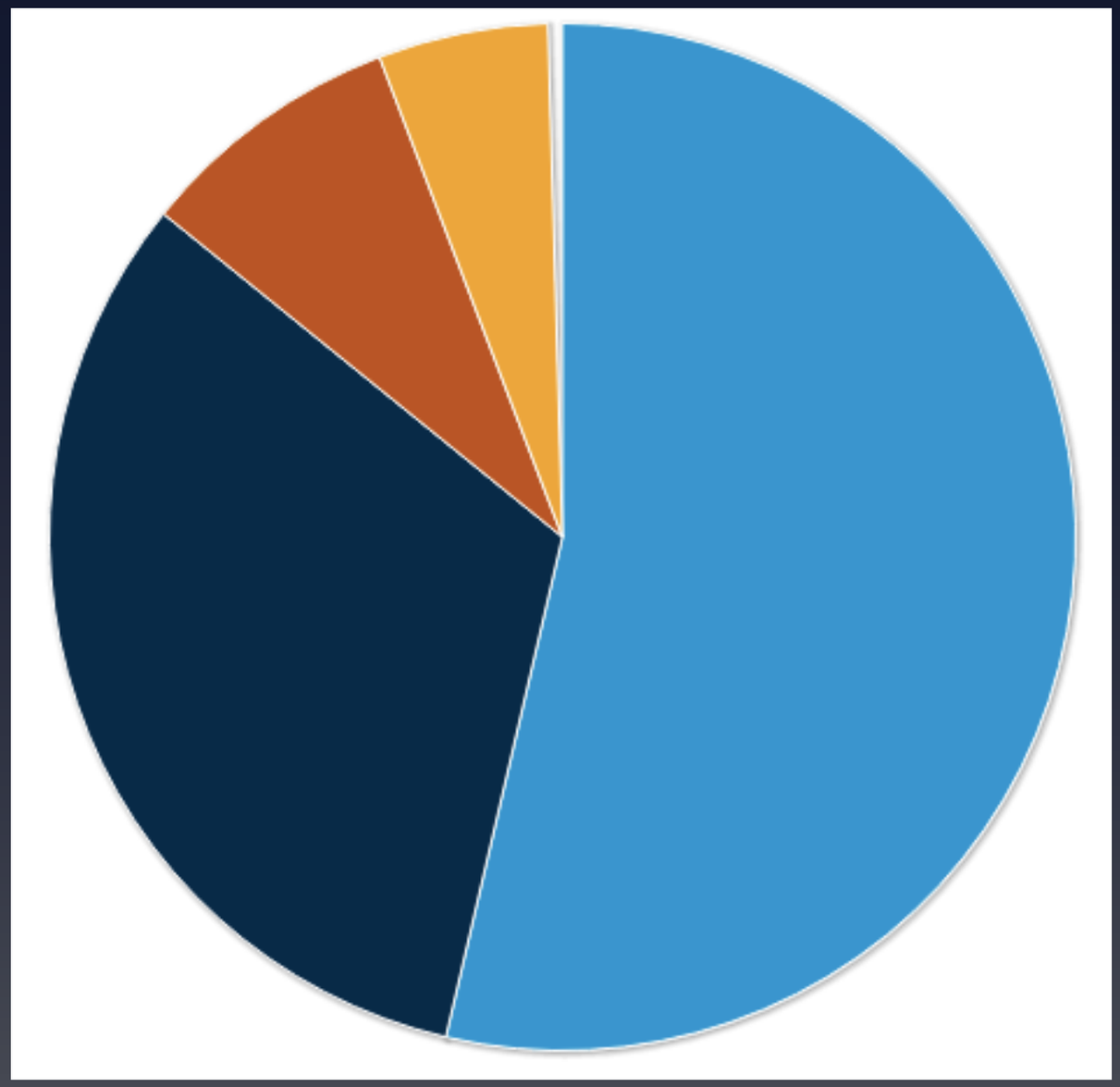
2015 RIPE 70 - Amsterdam 856

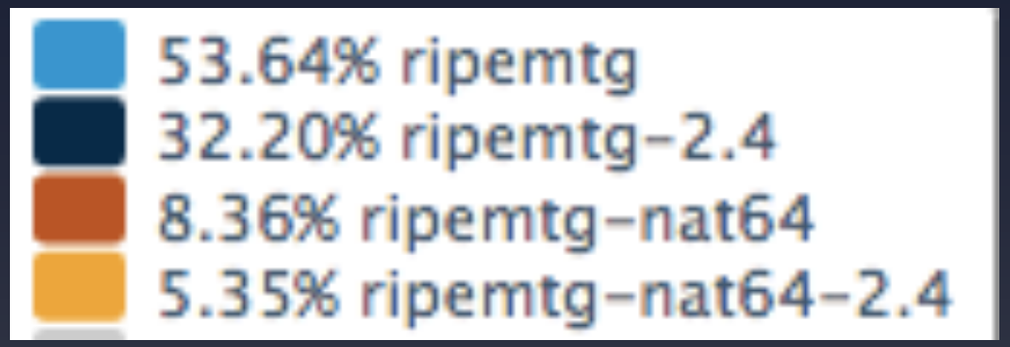
2013 RIPE 67 - Athens 619

Traffic

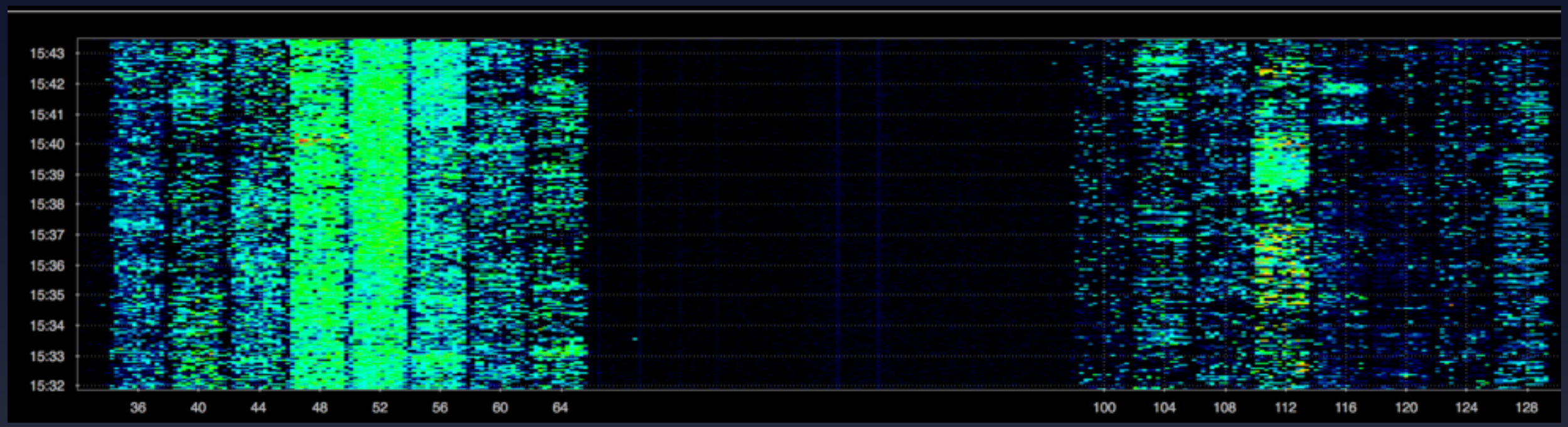
RIPE 73 Madrid - IPv4 Traffic
Bits/s
120 M
110 M
100 M
90 M
80 M
70 M
60 M
50 M
40 M
30 M
20 M
10 M
0
-10 M
-20 M
-30 M
-40 M
Mon 12:00
Tue 00:00
Tue 12:00
Wed 00:00
Wed 12:00
Thu 00:00
Thu 12:00
Fri 00:00
IPv4 In : Last: 95.52k Avg: 22.07M Max: 115.64M
IPv4 Out: Last: 59.47k Avg: 5.37M Max: 33.36M
RIPE 73 Madrid - IPv6 Traffic
Bits/s
70 M
60 M
50 M
40 M
30 M
20 M
10 M
0
-10 M
-20 M
-30 M
-40 M
-50 M
Mon 12:00
Tue 00:00
Tue 12:00
Wed 00:00
Wed 12:00
Thu 00:00
Thu 12:00
Fri 00:00
IPv6 In : Last: 103.38k Avg: 8.04M Max: 69.93M
IPv6 Out: Last: 36.20k Avg: 1.50M Max: 41.74M

WiFi SSID Usage

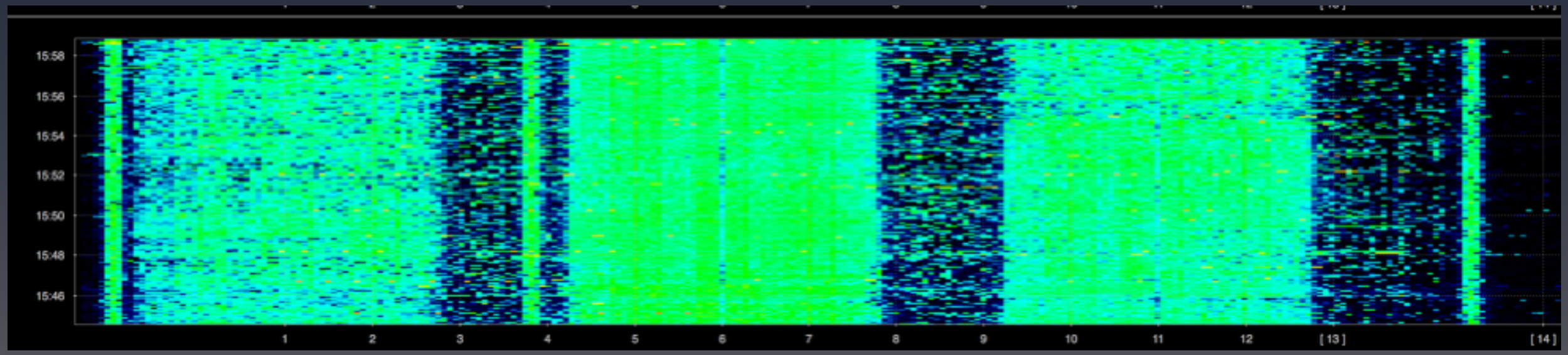




WiFi spectrum



5 Ghz - 16 channels



2.4 Ghz - 3 channels

GEO Location

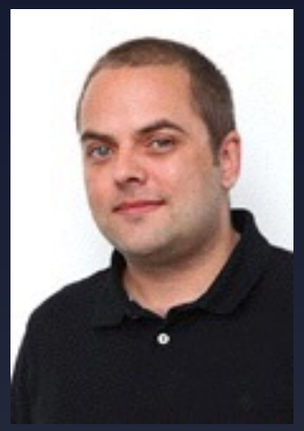
- Did you notice GEO location issues?
- We always update a list of GEO location providers in the months before each RIPE meeting.
- Do they apply these updates?
- Some depend on GPS + BSSID's and have a delay of weeks. Not useful for a RIPE meeting.
- Let us know if you know how to update GEO location providers we might have missed at opsmtg@ripe.net

Audio, Webcast & Presentation kit

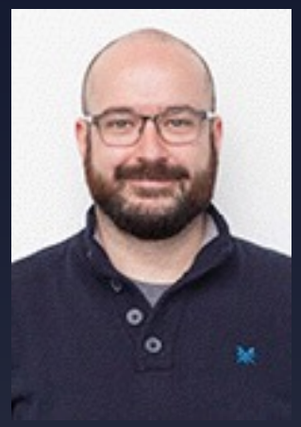
Stenography

The OPS team

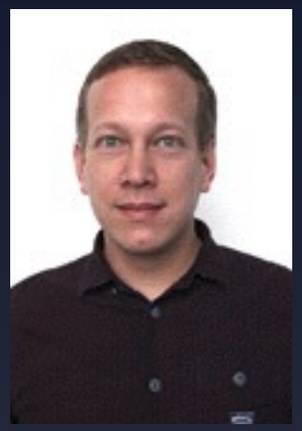
Brian



Colin



David



Menno

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Sjoerd

Xavier

Questions ?

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