

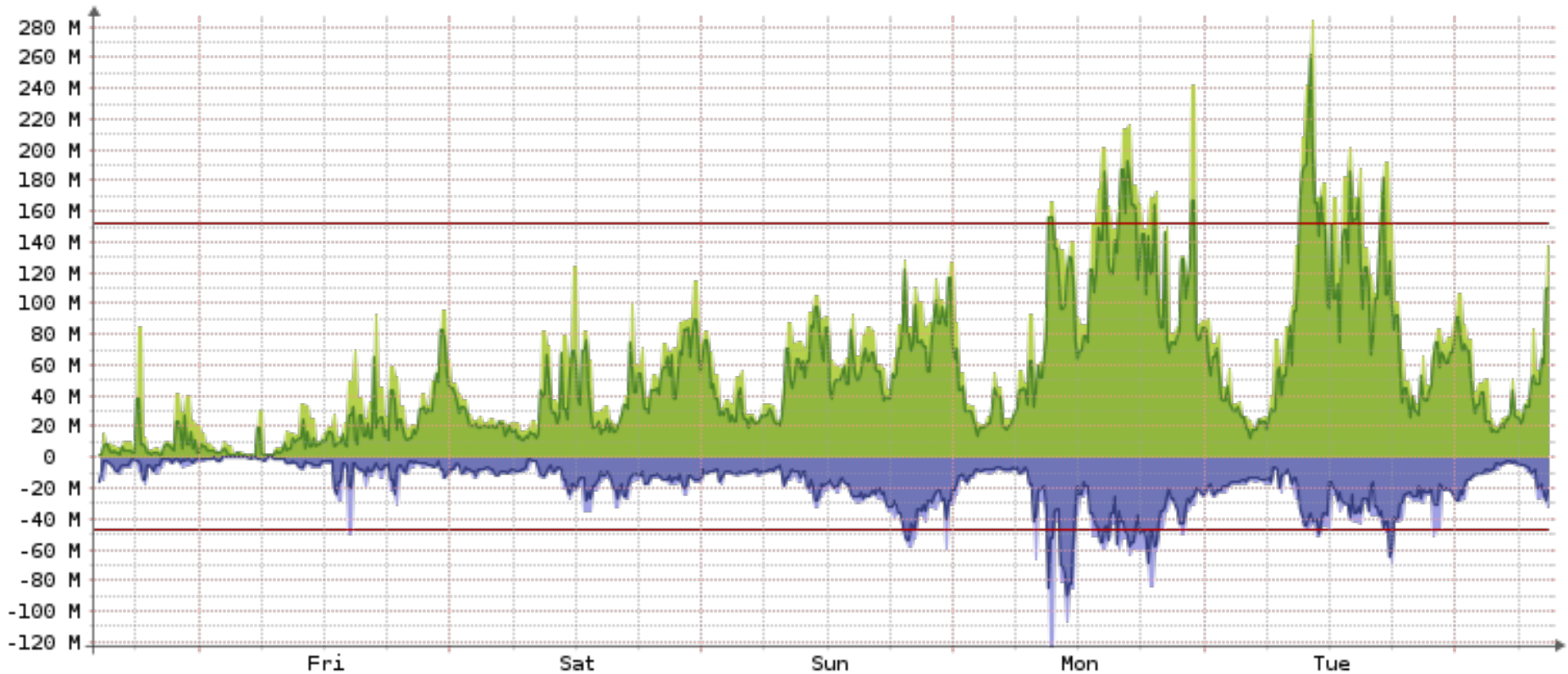
# IETF 89: London, UK

## NOC Report

# Network Overview

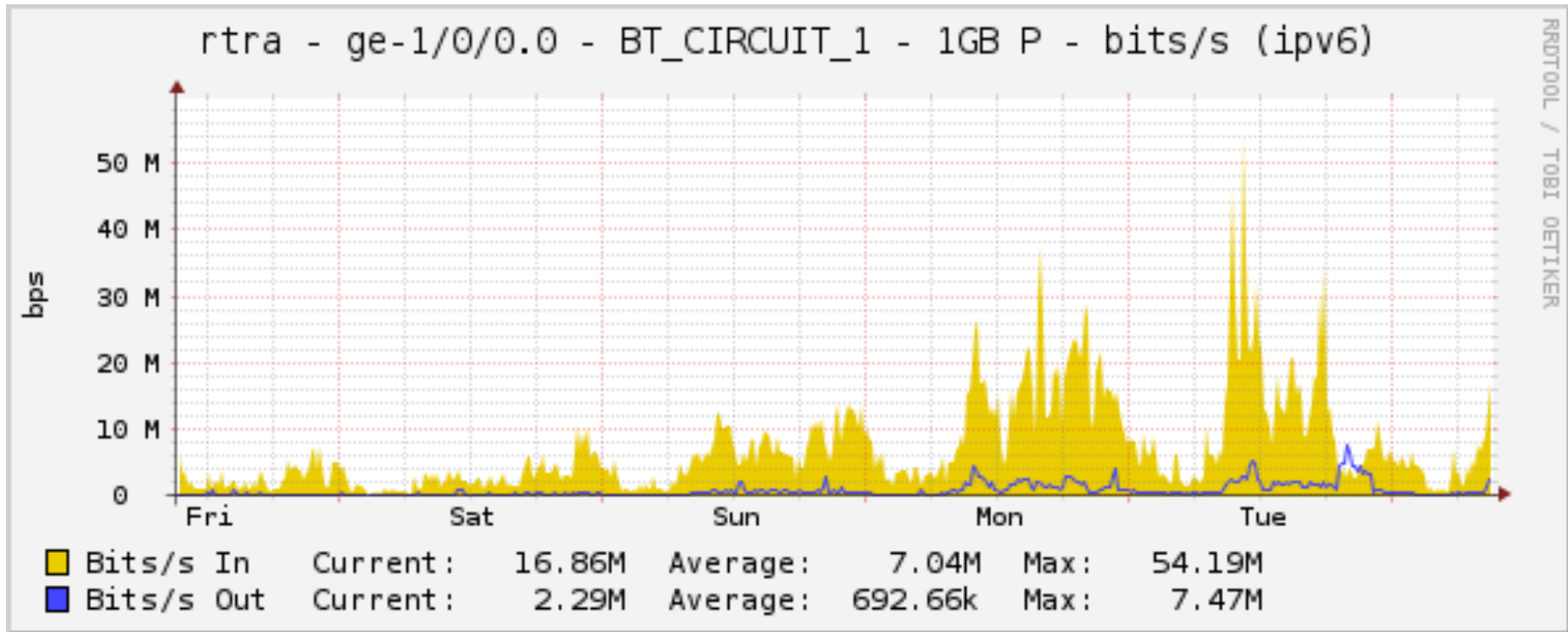
- 2 x 1 Gb/s link to BT
- Production network-
  - v4 31.130.128.0/18 & 31.133.224.0/20  
130.129.0.0/16
  - v6 2001:67c:1230::/46 & 2001:67c:370::/48
- IETF network extended to hotel guest rooms and common areas (ietf-hotel SSID and wired connections) via 1Gb/s copper link

# External Traffic

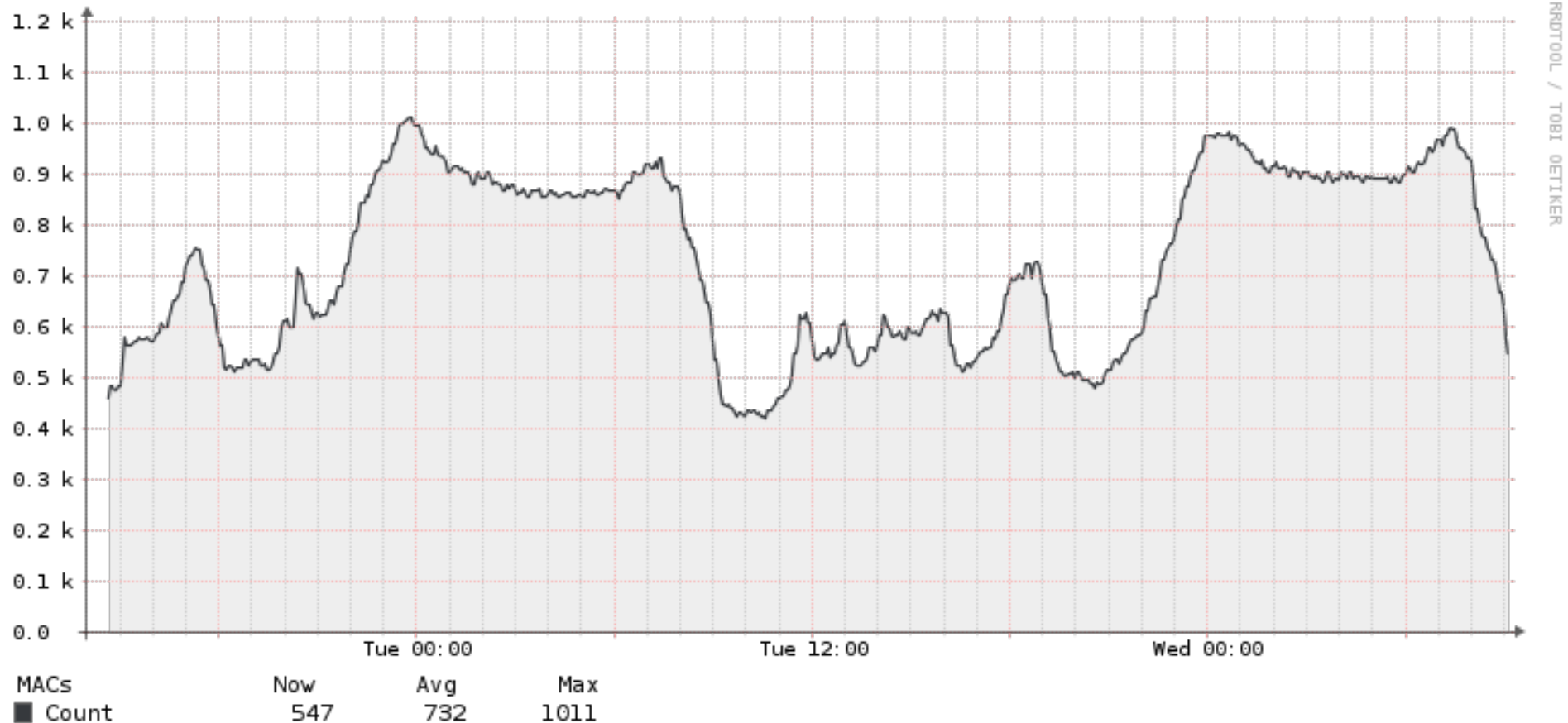


Bits/s	Now	Avg	Max	95th
In	109.62M	52.00M	283.58M	151.75M
Out	21.36M	16.97M	122.98M	45.83M
Total	4.31T	(In 3.25T Out 1.06T)		

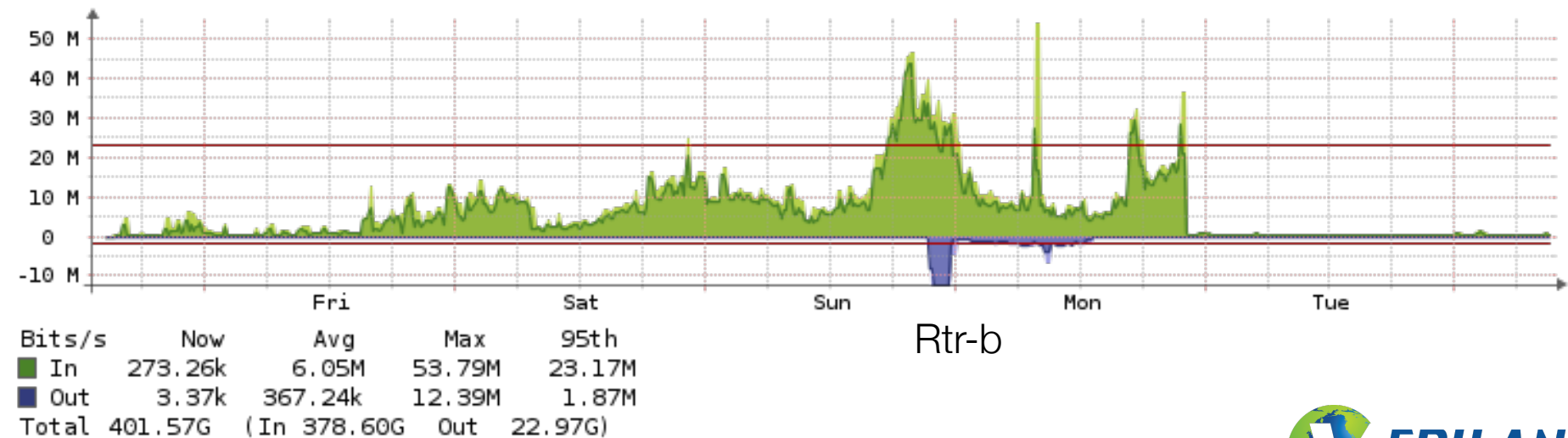
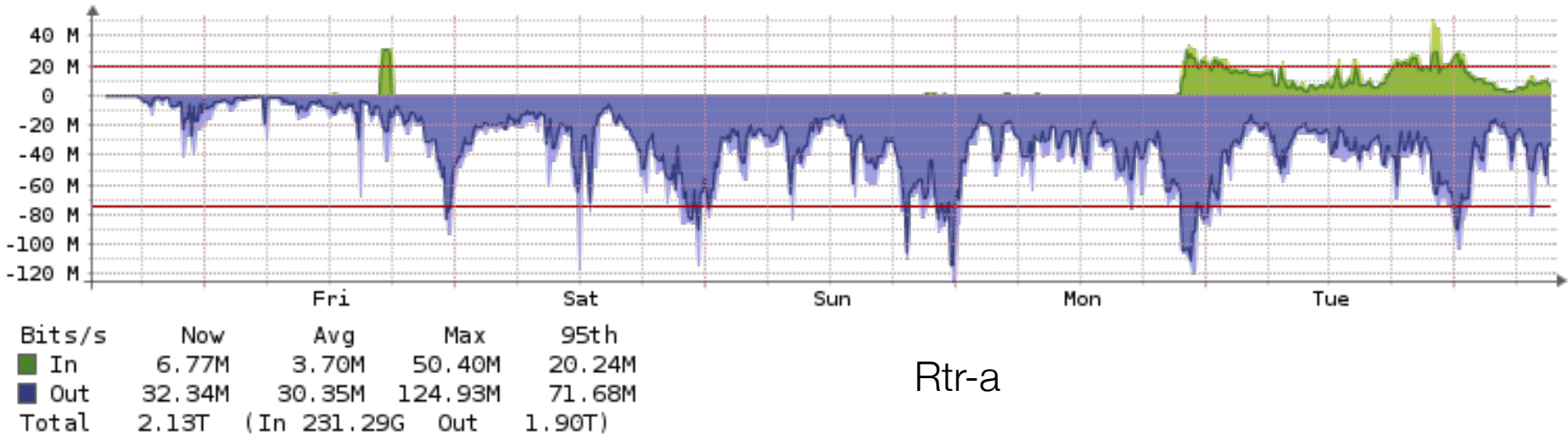
# External IPv6 Traffic



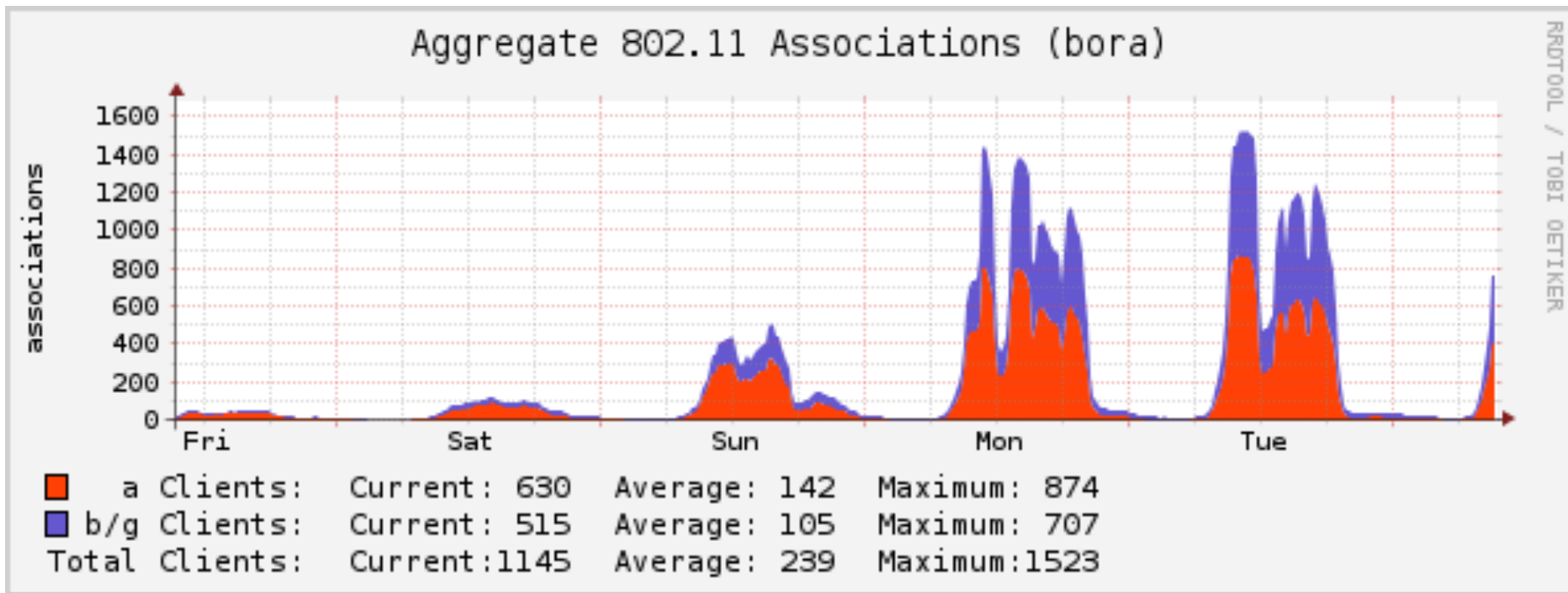
# Guestroom MAC's Seen



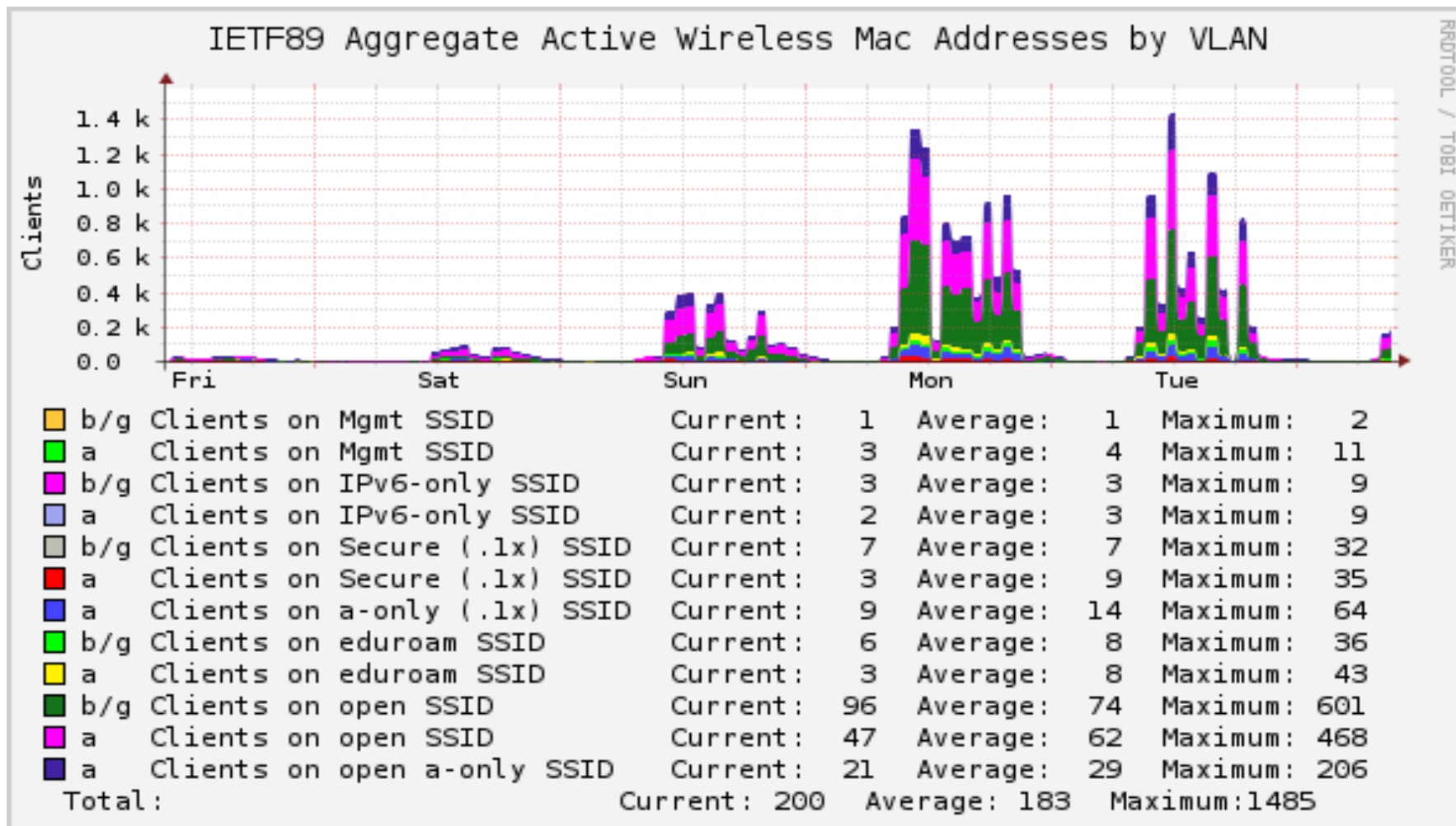
# Guestroom & Public Traffic



# Wireless Associations



# Wireless Associations (cont.)



# Issue Summaries

## Issue: ietf-hotel WiFi connectivity issues

- Users reported anomalous issues including no connectivity and/or v6-only connectivity. This issue was traced to v4 DHCP pool exhaustion. The size of the v4 network was expanded to accommodate more client connections and this issue was resolved.
- Users reported intermittent v4 connectivity issues. It was discovered that the new guestroom and public subnet was only defined on one of the two DHCP servers correctly. The second DHCP server was updated, resolving this issue.
- Users reported lack of connectivity to the wireless VIP router address. This issue was traced to an inconsistency in the VRRP configuration on both routers. The VRRP configuration was updated on both routers and this issue was resolved.

## Conference issues

- The network experienced the normal day-1 client distribution issues. Additional WAP's were deployed and radio settings adjusted to compensate. No major outages have been experienced at the time of this writing.



# A special thanks to...

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# Thank You

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  - Connectivity
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  - Gear contribution
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- OSC Radiator
  - Licensing

ARISTA

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And our friends at the Hilton Hotel

