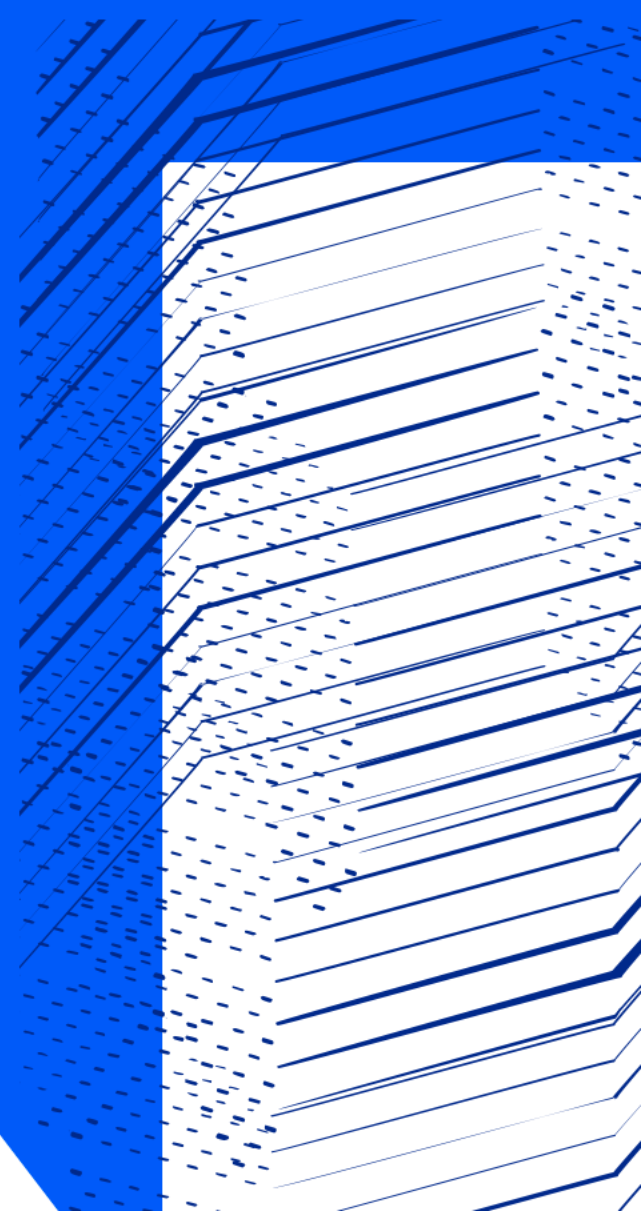




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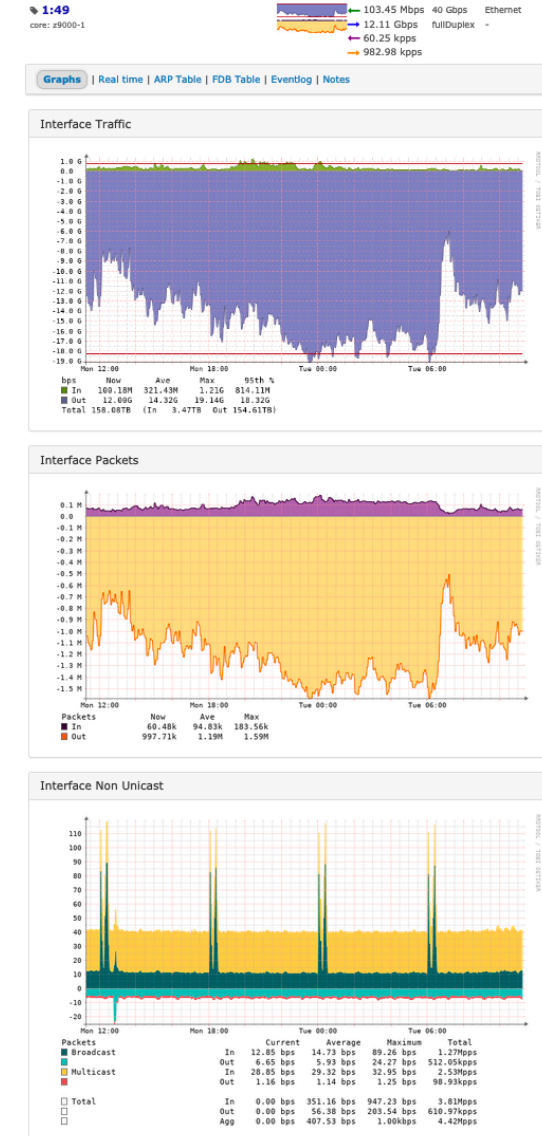
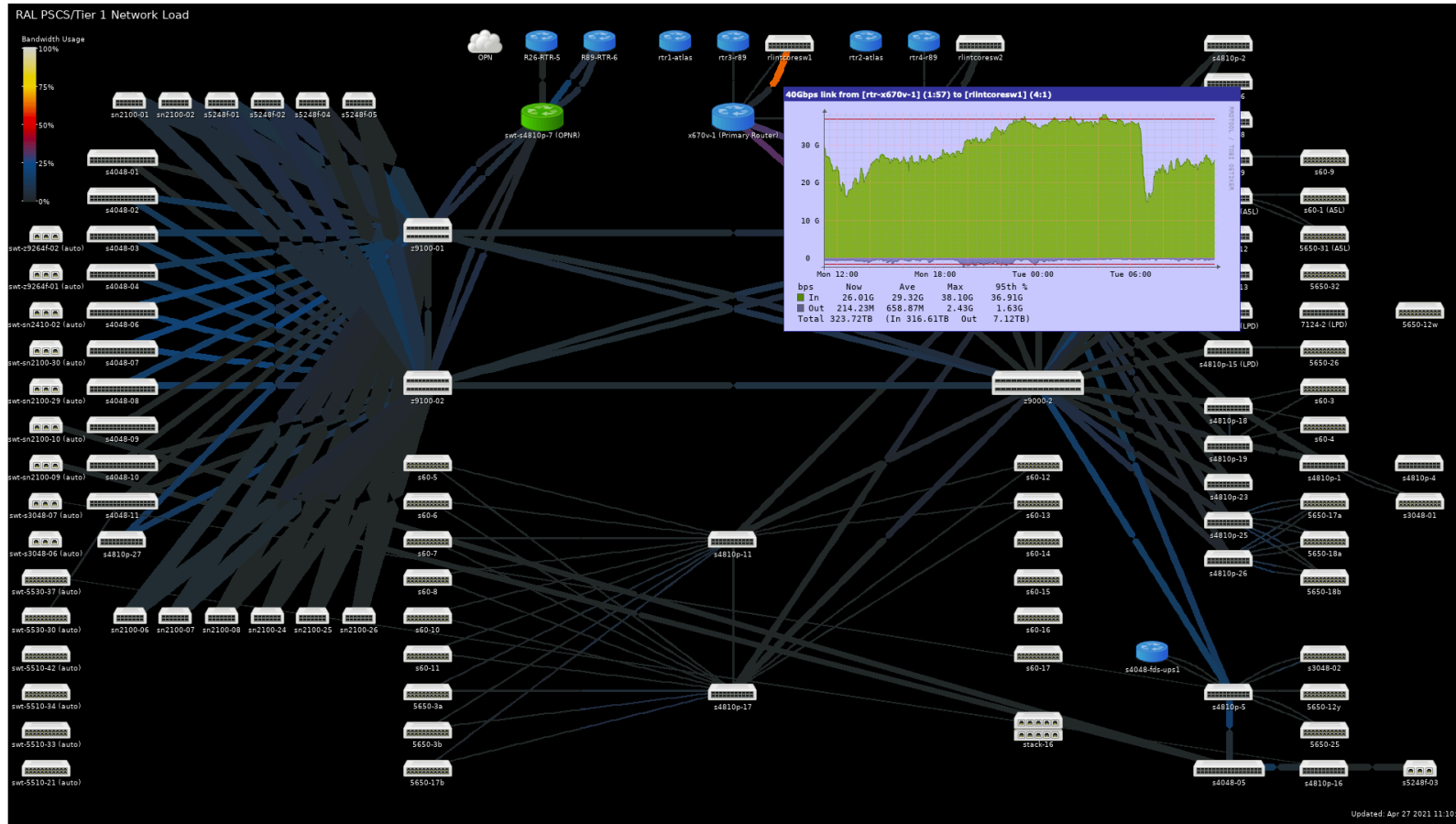
RAL Network Monitoring

Alastair Dewhurst



Weather map

RAL use Librenms to monitor internal network traffic. Real time weather map that allows us to find details about individual ports.



Other Monitoring

- Nvidia Cumulus NetQ to ensure that individual network pods at RAL (beyond just the Tier-1) are connected to the super spine correctly.
- PerfSonar
- Metrics about individual machines or services are collected and presented via InfluxDB + Grafana
- Bespoke monitoring plots created by RAL VO contacts often utilising VO infrastructure.

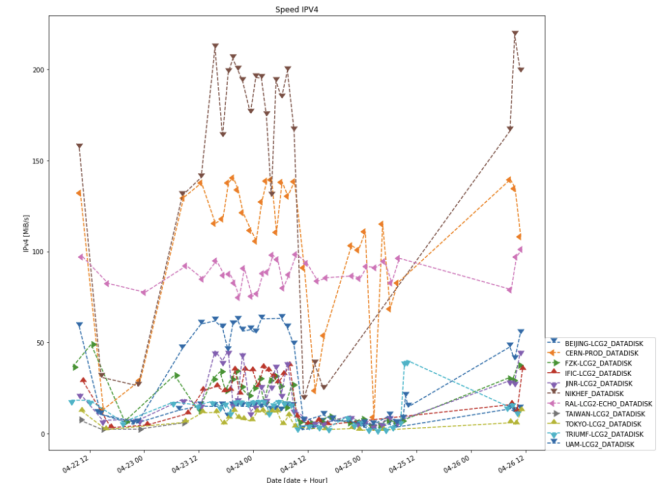
Individual WN network stats



RAL CMS AAA monitoring



Download speeds of data from other sites





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Questions?