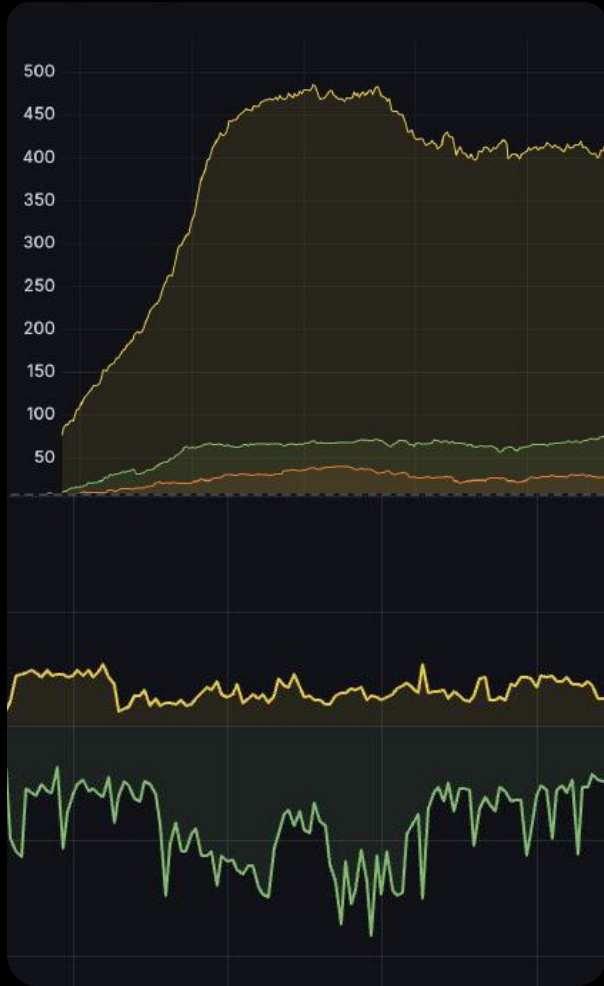




IETF 122

NOC

Stories





Transparency

Transparency...



The NOC used to do “NOC Reports” during the plenaries, where we’d tell you things like:

- Who provided circuits
- How much traffic we used
- How many clients there were
 - What distribution of devices
- IPv4 : IPv6 ratio...
- **Funny things we discovered and lessons we learnt**



Moved interface from
scout router to main
router....

... and the interface
refused to come up...

... no matter what I tried

... fiddled with all the
knobs...

... twiddled all the
settings...





SrxA fpc1 SMIC_PHY_SPEED_LIMIT:

smic_summit_srx1ru_8xsfp_ifd_limit_speed:xe-1/1/3, configured speed 1G, If the system is not restarted, it needs to be restarted to take effect.



Changing port speed on a Juniper SRX4600 requires rebooting the whole box..

..which takes more than 8 minutes...

Physical layer...



Physical layer...



Physical layer...





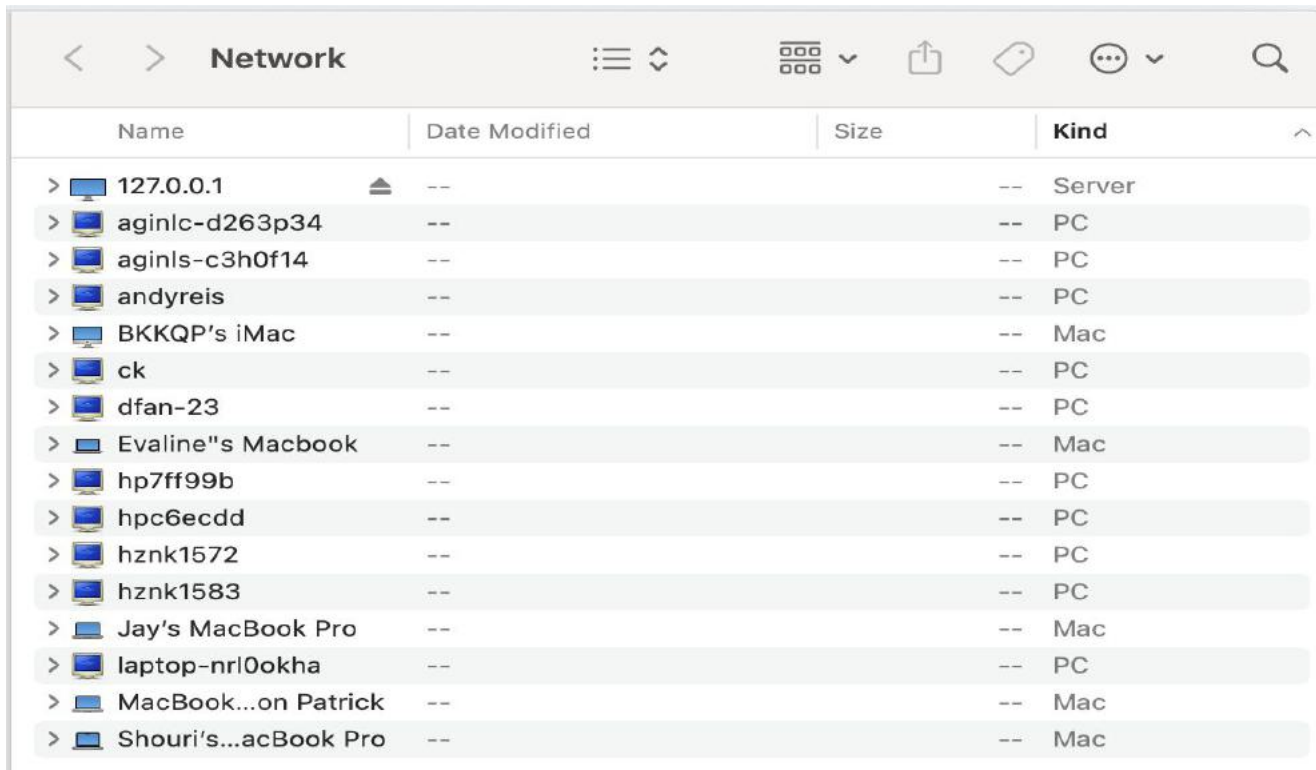
Making
things
better...

Improving ietf-hotel



```
64 bytes from 8.8.8.8: icmp_seq=25 ttl=114 time=47.599 ms
64 bytes from 8.8.8.8: icmp_seq=26 ttl=114 time=42.969 ms
64 bytes from 8.8.8.8: icmp_seq=27 ttl=114 time=25.020 ms
64 bytes from 8.8.8.8: icmp_seq=28 ttl=114 time=43.666 ms
64 bytes from 8.8.8.8: icmp_seq=29 ttl=114 time=162.882 ms
64 bytes from 8.8.8.8: icmp_seq=30 ttl=114 time=102.741 ms
64 bytes from 8.8.8.8: icmp_seq=31 ttl=114 time=27.091 ms
64 bytes from 8.8.8.8: icmp_seq=32 ttl=114 time=25.103 ms
64 bytes from 8.8.8.8: icmp_seq=33 ttl=114 time=65.694 ms
64 bytes from 8.8.8.8: icmp_seq=34 ttl=114 time=107.965 ms
Request timeout for icmp_seq 35
Request timeout for icmp_seq 36
Request timeout for icmp_seq 37
Request timeout for icmp_seq 38
Request timeout for icmp_seq 39
Request timeout for icmp_seq 40
Request timeout for icmp_seq 41
Request timeout for icmp_seq 42
Request timeout for icmp_seq 43
Request timeout for icmp_seq 44
64 bytes from 8.8.8.8: icmp_seq=45 ttl=114 time=89.548 ms
64 bytes from 8.8.8.8: icmp_seq=46 ttl=114 time=110.554 ms
64 bytes from 8.8.8.8: icmp_seq=47 ttl=114 time=27.367 ms
64 bytes from 8.8.8.8: icmp_seq=48 ttl=114 time=25.590 ms
64 bytes from 8.8.8.8: icmp_seq=49 ttl=114 time=23.761 ms
64 bytes from 8.8.8.8: icmp_seq=50 ttl=114 time=23.661 ms
64 bytes from 8.8.8.8: icmp_seq=51 ttl=114 time=159.787 ms
64 bytes from 8.8.8.8: icmp_seq=52 ttl=114 time=48.166 ms
```

Improving ietf-hotel



The screenshot shows a network discovery tool interface. At the top, there's a header bar with navigation icons (back, forward), the title "Network", and several utility icons (list, expand, share, tag, comments, search). Below the header is a table with four columns: "Name", "Date Modified", "Size", and "Kind". The table lists 17 discovered devices, each with a computer icon, a name, a date modified field (all showing "--"), a size field (all showing "--"), and a kind (Server, PC, or Mac). The devices are listed in descending order of discovery date.

Name	Date Modified	Size	Kind
> 127.0.0.1	--	--	Server
> aginlc-d263p34	--	--	PC
> aginls-c3h0f14	--	--	PC
> andyreis	--	--	PC
> BKKQP's iMac	--	--	Mac
> ck	--	--	PC
> dfan-23	--	--	PC
> Evaline"s Macbook	--	--	Mac
> hp7ff99b	--	--	PC
> hpc6ecdd	--	--	PC
> hznk1572	--	--	PC
> hznk1583	--	--	PC
> Jay's MacBook Pro	--	--	Mac
> laptop-nrl0okha	--	--	PC
> MacBook...on Patrick	--	--	Mac
> Shouri's...acBook Pro	--	--	Mac

Improving ietf-hotel



```
64 bytes from 8.8.8.8: icmp_seq=46796 ttl=113 time=29.637 ms
64 bytes from 8.8.8.8: icmp_seq=46797 ttl=113 time=83.547 ms
64 bytes from 8.8.8.8: icmp_seq=46798 ttl=113 time=31.700 ms
64 bytes from 8.8.8.8: icmp_seq=46799 ttl=113 time=25.877 ms
64 bytes from 8.8.8.8: icmp_seq=46800 ttl=113 time=91.365 ms
64 bytes from 8.8.8.8: icmp_seq=46801 ttl=113 time=139.989 ms
64 bytes from 8.8.8.8: icmp_seq=46802 ttl=113 time=118.730 ms
64 bytes from 8.8.8.8: icmp_seq=46803 ttl=113 time=24.836 ms
64 bytes from 8.8.8.8: icmp_seq=46804 ttl=113 time=34.648 ms
64 bytes from 8.8.8.8: icmp_seq=46805 ttl=113 time=25.524 ms
64 bytes from 8.8.8.8: icmp_seq=46806 ttl=113 time=24.944 ms
64 bytes from 8.8.8.8: icmp_seq=46807 ttl=113 time=24.851 ms
64 bytes from 8.8.8.8: icmp_seq=46808 ttl=113 time=24.837 ms
64 bytes from 8.8.8.8: icmp_seq=46809 ttl=113 time=25.664 ms
64 bytes from 8.8.8.8: icmp_seq=46810 ttl=113 time=24.695 ms
64 bytes from 8.8.8.8: icmp_seq=46811 ttl=113 time=25.268 ms
64 bytes from 8.8.8.8: icmp_seq=46812 ttl=113 time=26.805 ms
64 bytes from 8.8.8.8: icmp_seq=46813 ttl=113 time=25.604 ms
64 bytes from 8.8.8.8: icmp_seq=46814 ttl=113 time=45.532 ms
64 bytes from 8.8.8.8: icmp_seq=46815 ttl=113 time=81.537 ms
64 bytes from 8.8.8.8: icmp_seq=46816 ttl=113 time=151.751 ms
64 bytes from 8.8.8.8: icmp_seq=46817 ttl=113 time=143.868 ms
64 bytes from 8.8.8.8: icmp_seq=46818 ttl=113 time=134.889 ms
64 bytes from 8.8.8.8: icmp_seq=46819 ttl=113 time=85.024 ms
64 bytes from 8.8.8.8: icmp_seq=46820 ttl=113 time=157.259 ms
64 bytes from 8.8.8.8: icmp_seq=46821 ttl=113 time=24.749 ms
64 bytes from 8.8.8.8: icmp_seq=46822 ttl=113 time=25.488 ms
64 bytes from 8.8.8.8: icmp_seq=46823 ttl=113 time=25.447 ms
64 bytes from 8.8.8.8: icmp_seq=46824 ttl=113 time=25.563 ms
```

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Favor!

IPv6-Mostly

- Please join and test ietf-ipv6-mostly
- If you don't, Jen and Eric Vyncke will cry...!

