

IXP/Peering Panel

(Moderated by Paul Vixie, ISC)

- Mike Blanche (Google)
- Yuri Gugel (RUNNet)
- Christian Kaufmann (Akamai)
- Arnold Nipper (DE-CIX)
- Sergi Polichuk (UA-IX)
- Konstantin Tchoumatchenko (MSK-IX)

Q: What's your policy on switch vs. crossconnect?

E.g.: Move big peers to private interconnects whenever the switch port is more than 50% full?

Q: What's your policy on peering with those not actually present?

If someone buys metro or wide-area ethernet to reach an IXP, do you treat them as "present at the exchange"?

Q: How are you load-balancing between multiple switch ports? E.g.:

- We let the router vendor figure this out...or,
- We have an IP address per IXP port and we statically assign peers to ports...

How have you done it before -- and what will you do next?

Q: How are you engineering your traffic across regions?

Does BGP do the right thing or do you use AS-prepend or MPLS?

Q: Is ethernet still the right technology?

Given the high cost of 40G and 100G, and the smallish packet size compared to line rate, should IXP's and routers be offering infiniband or similar?