



# K-Root Status Update

**David Knight**

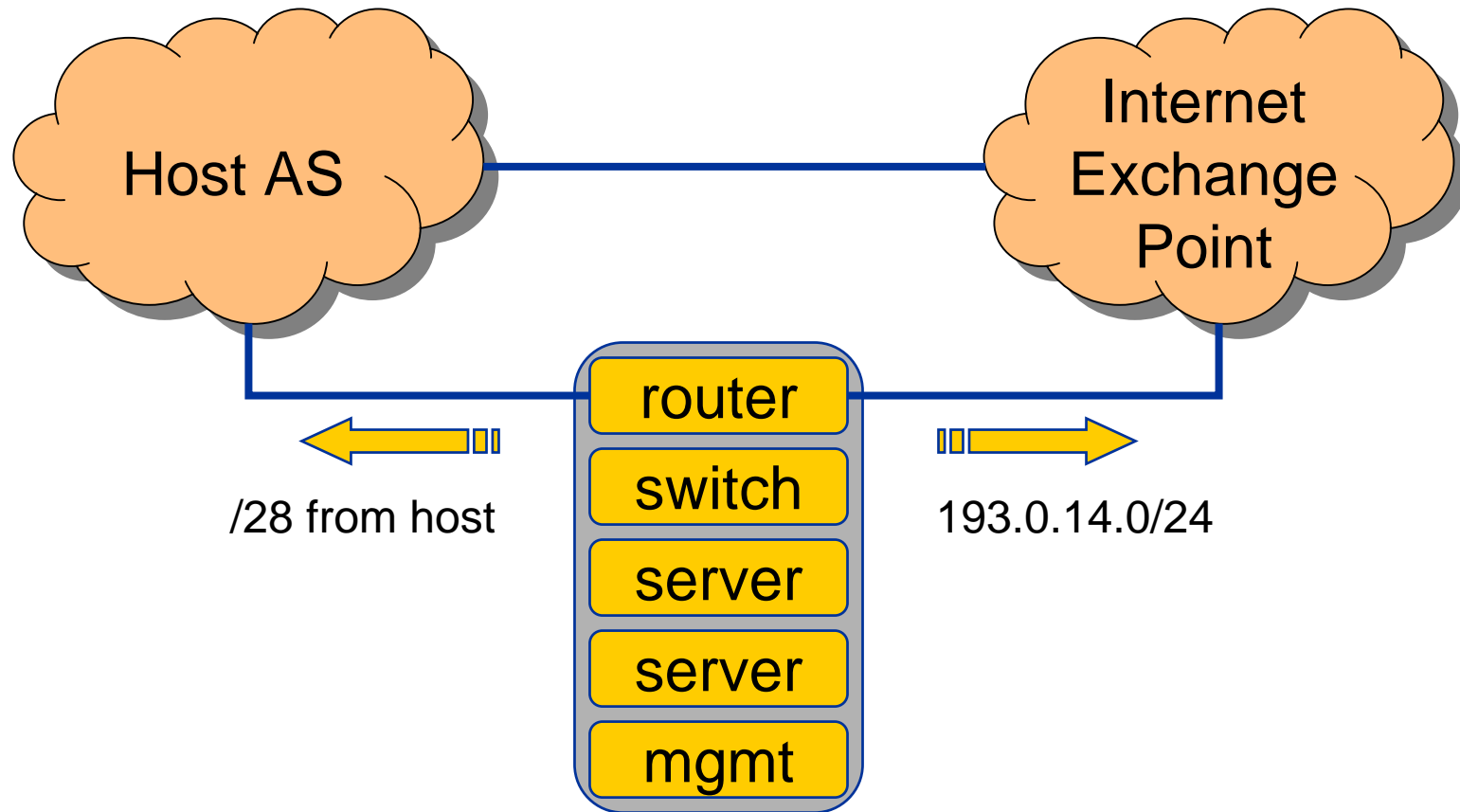
dave@ripe.net

# Status

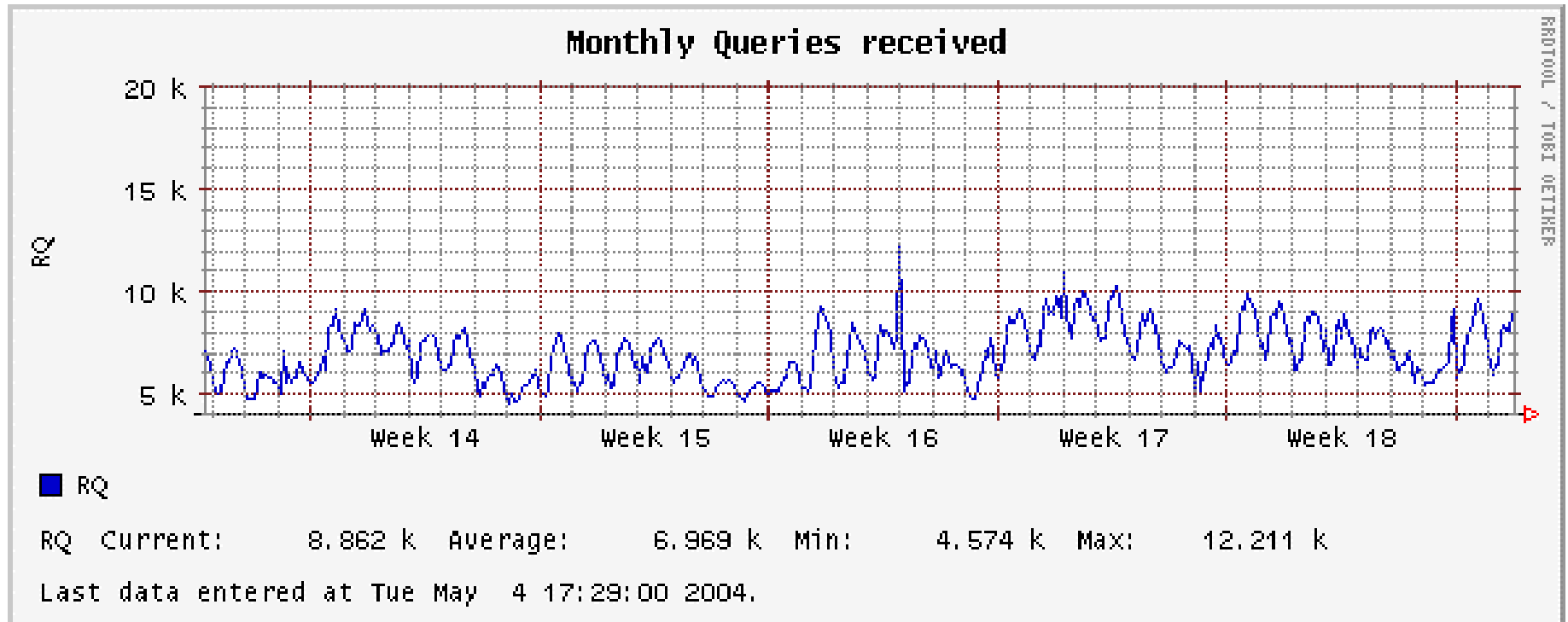
- Global instances in London and Amsterdam
- First local mirror instance deployed in Frankfurt in January
- Deployed a second instance in Athens in April
- <http://k.root-servers.org> has a new look!



# Local Mirror Instance Model



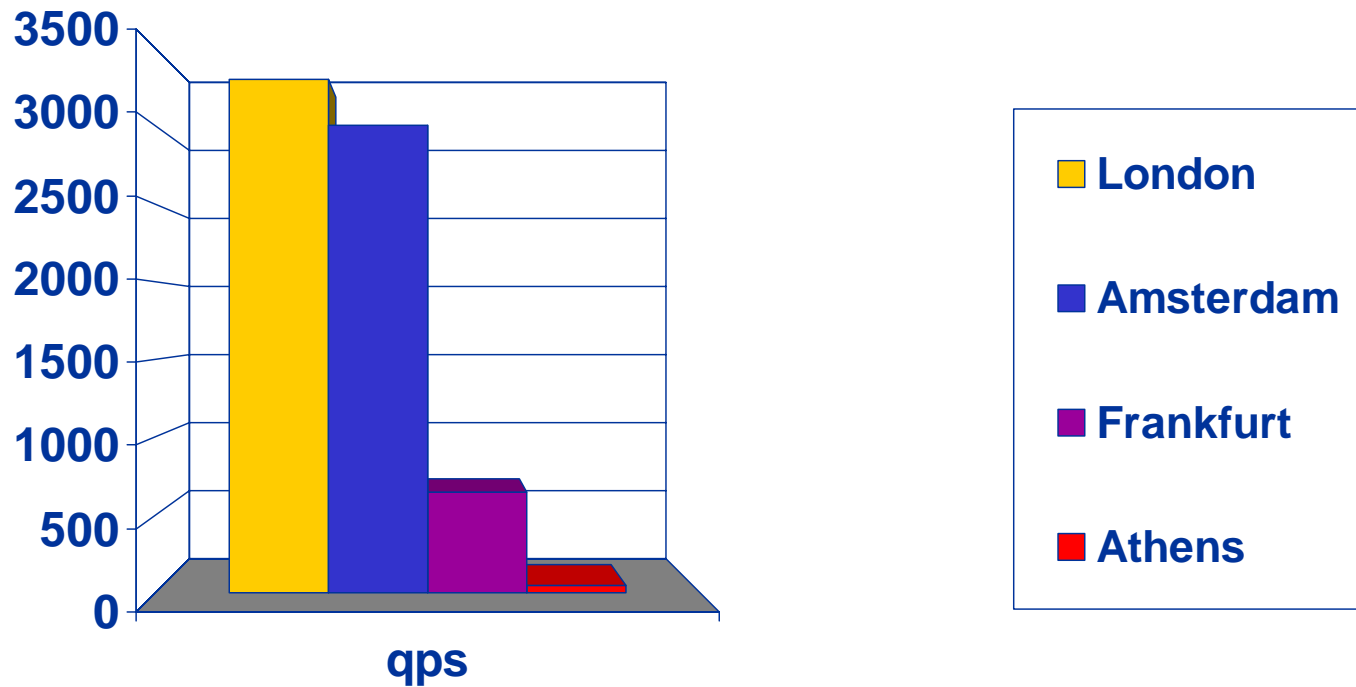
# Aggregate Query Load



Query load across all K-Root instances

~7,000 qps

# Query Load Distribution



# The Future

- More instances
  - Have several interested parties in the final stage of negotiation to host a local mirror instance.
  - Intend to deploy 4 new global instances, 2 in North America and 2 in Asia
- Deploy IPv6
  - Testing is complete
  - Will put IPv6 into production in Amsterdam shortly



# More Information

- Want to peer with us?

[k-peering@ripe.net](mailto:k-peering@ripe.net)

- Interested in hosting a K instance ?

<http://k.root-servers.org/docs/hosting-guidelines.html>

- Information and statistics

<http://k.root-servers.org>

