



RIPE NCC

RIPE NETWORK COORDINATION CENTRE

RIPE NCC DNS Update

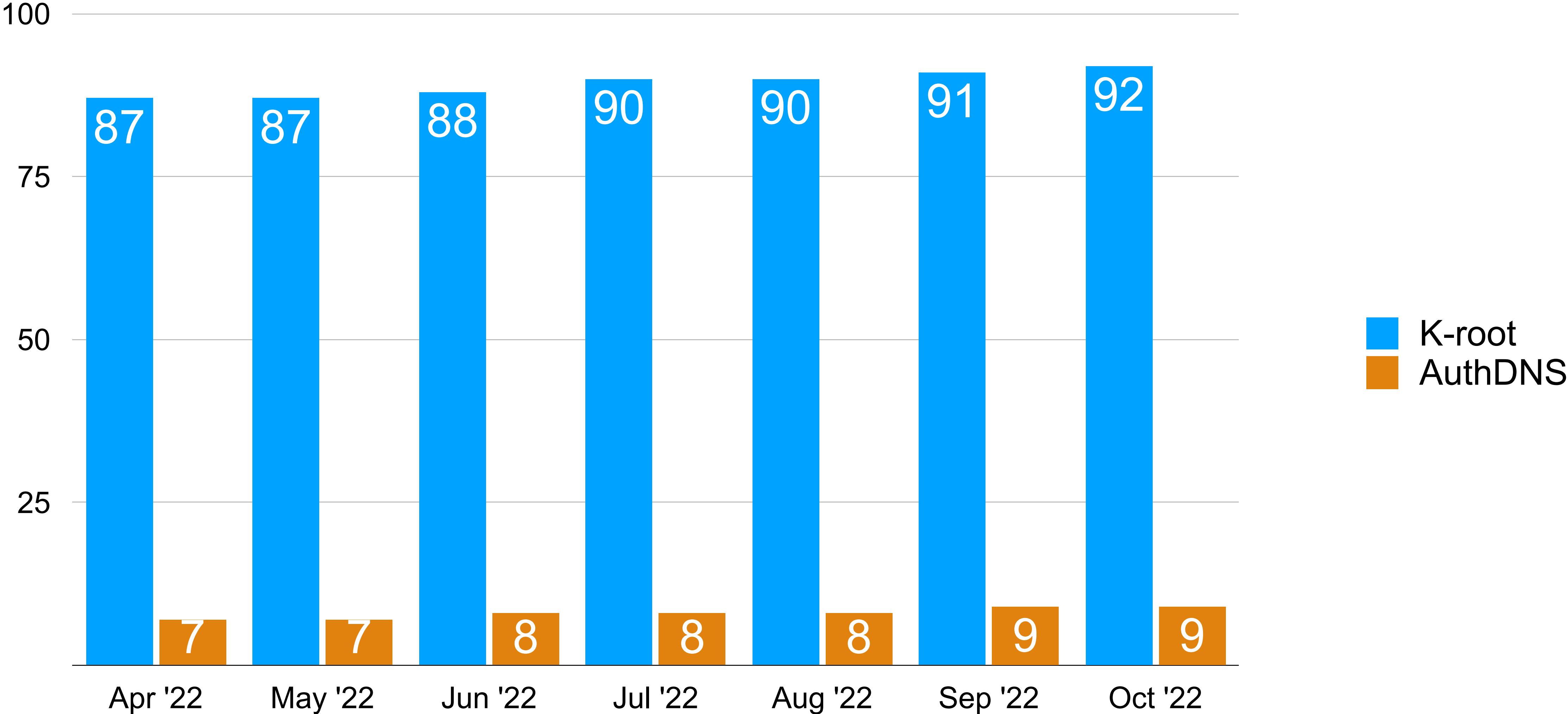
Anand Buddhdev | October 2022 | RIPE 85

K-root and AuthDNS core sites



- Frankfurt and Miami upgraded
 - New routers with 10G ports
 - New servers with more and faster CPUs
- New AuthDNS core site delayed until July 2023
 - Issues with global supply chain
- Management over IPv6 only!

Hosted DNS



Hosted DNS app



- <https://hosted-dns.ripe.net>
- Requirements
 - Dell server or virtual server
 - 2 separate network interfaces, for separation of management and service traffic
- Please support RIPE NCC's DNS service by hosting more AuthDNS nodes
 - ripe.net and related zones
 - Reverse DNS (RIPE NCC, other RIRs)
 - Important infrastructure zones (in-addr.arpa, ip6.arpa, e164.arpa)
 - Small ccTLDs

Software diversity



- BIND, Knot DNS and NSD
- JunOS, EOS, BIRD and FRR for routing



Zonemaster



- Used for pre-delegation checks for reverse DNS zones
- Currently deployed version 2022.1.1 (with hot fixes)
- We contribute with bug reports, patches and suggestions
 - Thanks to the Zonemaster team for all their support!
- <https://zonemaster.ripe.net> shows standard web interface
 - Will be integrated into RIPEstat soon