

# Knot DNS

an authoritative DNS by CZ.NIC Labs

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# Audience for authoritative DNS?



# The essentials

Open source, authoritative-only DNS  
Incremental zone transfers (in and out)

DDNS

Continuous operation

DNS utilities included

...





**KNOT  
DNS**

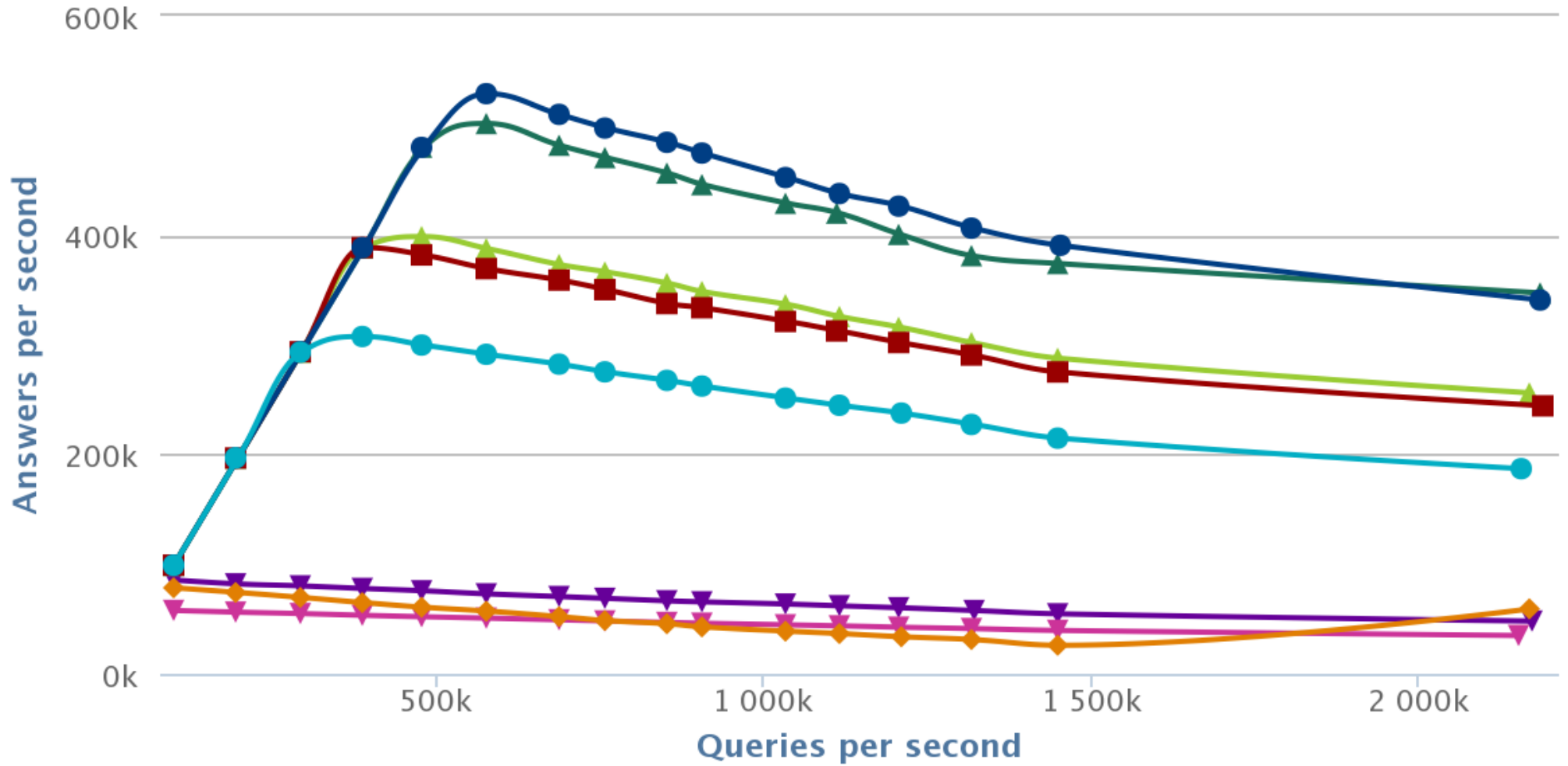


# Performance



# Response Rate

Linux 3.11.0-13-generic, Root server, Intel 10GbE, (2013-12-10)



# Fast track on latest tech



TLSA/DANE  
DNSSEC (with automatic signing)  
Rate Limits





# Active development

Zone API and provisioning  
Auto reverse zones (with Ipv6)  
Usability & resource requirements



# How can you find us?



Web	<a href="http://www.knot-dns.cz">www.knot-dns.cz</a>
Mailinglist	<a href="mailto:knot-dns-users@lists.nic.cz">knot-dns-users@lists.nic.cz</a>
Twitter	<a href="https://twitter.com/Knot_DNS">@Knot_DNS</a>
Google+	<a href="https://plus.google.com/+Knot-dnsCz">plus.google.com/+Knot-dnsCz</a>





## RIPE NCC Services



# Try it out?

- Software packages and ports
  - Debian, Ubuntu
  - FreeBSD
  - Fedora and RHEL EPEL
  - Mac OS X (Homebrew)
  - OpenSUSE
  - ArchLinux
  - Gentoo,...

<https://www.knot-dns.cz/pages/download>



Thank you!

<http://www.knot-dns.cz>

