

# Kea Update

Stephen Morris  
Internet Systems Consortium

[stephen@isc.org](mailto:stephen@isc.org)



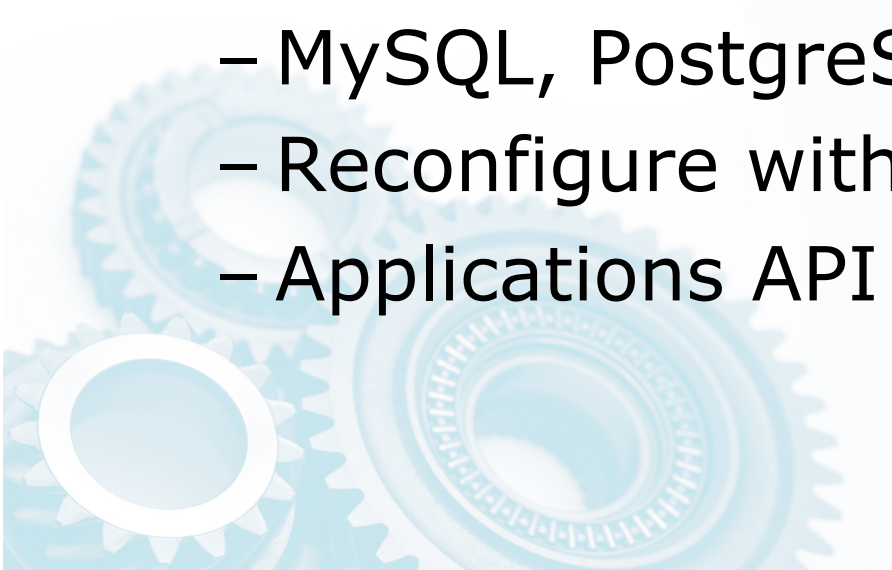
# Kea Summary

- Open-Source DHCP Server
- Overview given at UKNOF-28 (April 2014)



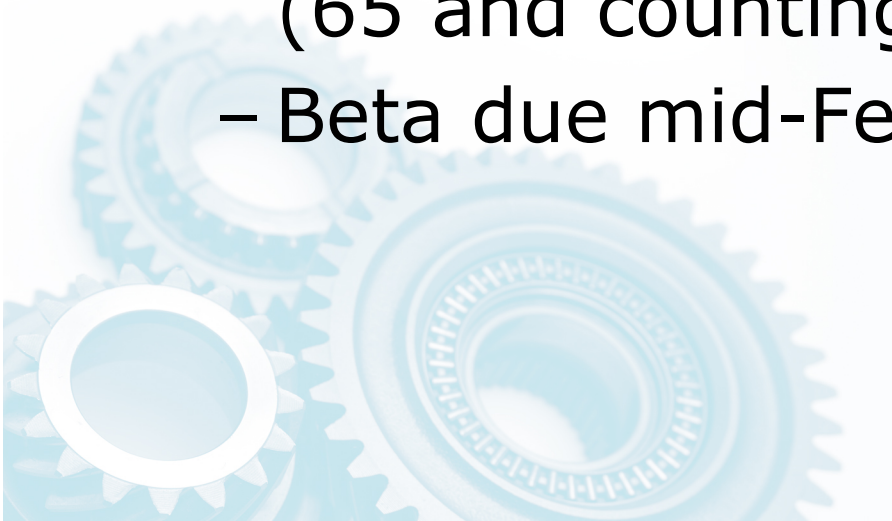
# Progress Since UKNOF-28

- Kea 0.9 Released (August 2014)
  - Fully-Functional DHCPv4, DHCPv6 servers
  - DDNS Support
  - IPv6 Prefix Delegation
  - MySQL, PostgreSQL, Lease file backends
  - Reconfigure without restart
  - Applications API



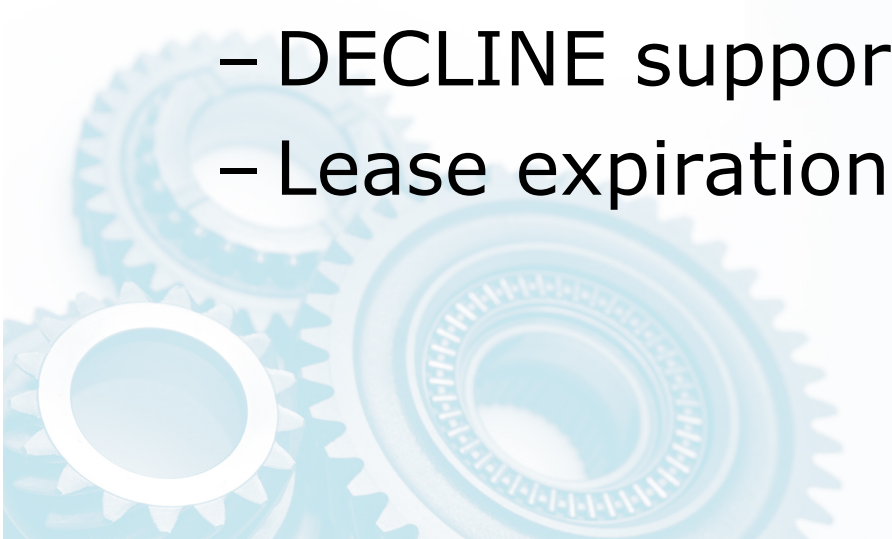
# Roadmap (1)

- Kea 0.9.1 (March 2015)
  - Host Reservation
  - DHCPv6 MAC Address Support
  - Addition of kea-admin
  - Various small bug fixes & improvements (65 and counting)
  - Beta due mid-February



# Roadmap (2)

- Kea 0.9.2 (June 2015)
  - Basic Statistics
  - Improved logging & diagnostics
- Kea 1.0 (September 2015)
  - DECLINE support
  - Lease expiration handling



# Contributions

- Had patches from seven external contributors
- Kea repository now mirrored on GitHub

<https://github.com/isc-projects/kea>



# Why Move to Kea?

- Performance
- Choice of backends
- Applications API
- Pace of Development
  - Rapid response to external feedback



# More Information

<http://kea.isc.org>

