BIND 9.12.0

Ondřej Surý
25.10.2017, ondrej@isc.org
New Features

• Modern crypto - support for ED25519, ED448 (needs OpenSSL 1.1.1-dev)

• Aggressive use of NSEC to reduce unnecessary root queries (APNIC sponsored)

• Serve Stale in case authority is unresponsive (Akamai contributed code)

• dnssec-cds — change DS records for a child zone based on CDS/CDNSKEY (Tony Finch contributed code)
Modernization

• Refactored key components

• Created new ‘libns’

• Removed SHA-1 default for RSA

• Deprecated dig+sigchase, lwresd, DLV support, ended WinXP support
BIND 9.12 Performance

1M Delegations

Kqps

BIND 9 Future
Questions?