

## BIND Installation

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### Overview

- Retrieving BIND
- Building and Installing BIND
- Mailing Lists

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### Retrieving BIND

- HTTP, FTP
  - Internet Systems Consortium
    - <http://www.isc.org>
- Other packages
  - OpenSSL
    - Will be needed for DNSSEC

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## Internet Systems Consortium

- Source for BIND
- Other Software: DHCP, NNTP
- Under Development: OpenReg (EPP)

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## BIND

- Version 8
  - In use, available, obsolete
  - Don't start to use it
  - Migrate to Version 9
  - (Okay, BIND 8 is faster than BIND 9)
- Version 9
  - Current version (9.3.2)
    - Release
    - Release Candidate (Betas)
    - Snapshots (Alphas)
  - Never Use Snapshots on production servers

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## Getting BIND 9

- HTTP
  - <http://www.isc.org/products/BIND/>
  - <http://www.isc.org/products/BIND/bind9.html>
    - BIND 9.3.1 today
- FTP
  - [ftp.isc.org](ftp://ftp.isc.org) - anonymous
  - Change Directory to /isc/bind9
    - cd 9.3.2
  - <ftp://ftp.isc.org/isc/bind9/9.3.2/bind-9.3.2.tar.gz>

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## Unpacking BIND9

- `tar -xvfz bind-9.3.2.tar.gz`
  - Uncompresses and creates directory
  - `bind-9.3.2`
- What's in there?
  - A lot of stuff (dig, libraries etc)
  - `./configure` (script)
  - `./doc/arm/Bv9ARM.html`
    - Administrator's Reference Manual
    - Good source!!!

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## Building BIND9

- must be in the BIND 9.3.2 directory
- ```
> ./configure (options)
  – Determine the appropriate includes and
    compiler settings
> make
  – Build and compile
> make install
  – sudo (if not root)
  – Install BIND
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## What happens

- Executables
  - /usr/local/sbin
    - dnssec-keygen, dnssec-makekeyset, dnssec-signkey, dnssec-signzone
    - lwresd, named-checkconf, named-checkzone
    - rndc, rndc-confgen
    - named
  - /usr/local/bin
    - dig
    - host, isc-config.sh, nslookup
    - nsupdate
- And libraries included

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## Testing

- Make sure right version is now installed
  - > named -v
  - > BIND 9.3.2

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## BIND 9 Mailing Lists

- Joining mail lists
  - <http://www.isc.org/services/public/lists/bind-lists.html>
  - bind9-users, bind-announce
  - (bind-users is for bind8)
- Archives
  - <http://www.isc.org/ml-archives/>

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## Questions?

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