BIND Installation

Overview

- Retrieving BIND
- Building and Installing BIND
- Mailing Lists

Retrieving BIND

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

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

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 (9.3.0 as of September 2004)
    - Release
    - Release Candidate (Betas)
    - Snapshots (Alphas)
  - Never Use Snapshots on production servers

Getting BIND 9

- HTTP
    - BIND 9.3.0 today
- FTP
  - ftp.isc.org - anonymous
  - Change Directory to /isc/bind9
    - cd 9.3.0
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Unpacking BIND9

• `tar -xvfz bind-9.3.0.tar.gz`
  – Uncompresses and creates directory
  – `bind-9.3.0`
• What's in there?
  – A lot of stuff (dig, libraries etc)
  – `./configure` (script)
  – `./doc/arm/Bv9ARM.html`
    • Administrator's Reference Manual
    • Good source!!!

Building BIND9

• must be in the BIND 9.3.0 directory
  `./configure` (options)
  – Determine the appropriate includes and compiler settings
  > `make`
  – Build and compile
  > `make install`
  – sudo (if not root)
  – Install BIND
What happens

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

Testing

- Make sure right version is now installed
  > named -v
  > BIND 9.3.0

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BIND 9 Mailing Lists

- Joining mail lists
  - bind9-users, bind-announce
  - (bind-users is for bind8)

- Archives
  - http://www.isc.org/ml-archives/

Questions?