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 (9.2.3 as of Jan 2004)
    - Release
    - Release Candidate (Betas)
    - Snapshots (Alphas)
      - 9.3
  - Never Use Snapshots on production servers

Getting BIND 9

- HTTP
  - http://www.isc.org/products/BIND/
  - http://www.isc.org/products/BIND/bind9.html
    - BIND 9.2.3 today
  - http://www.isc.org/products/BIND/bind9-beta.html
    - BIND 9.2.3.rc4 today
- FTP
  - ftp.isc.org - anonymous
  - Change Directory to /isc/bind9
    - cd 9.2.3
    - cd 9.2.3rc4
  - ftp://ftp.isc.org/isc/bind9/9.2.3rc4/bind-9.2.3rc4.tar.gz

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Unpacking BIND9

- tar -xvfz bind-9.2.3.tar.gz
  - Uncompresses and creates directory
  - bind-9.2.3
- 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 9.2.3 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
    - lwresd, named-checkconf, named-checkzone
    - rndc, rndc-confgen
    - named
  - /usr/local/bin
    - dig
    - host, isc-config.sh, nslookup
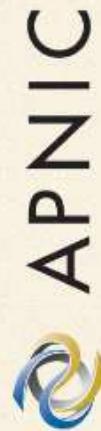   - nsupdate
- And libraries included

Testing

- Make sure right version is now installed
  - `> named -v`
    - `>` BIND 9.2.3

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⇨ Mailing Lists

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/

Questions?