

Asia Pacific Network Information Centre

APNIC

BIND Installation

Asia Pacific Network Information Centre

APNIC

Overview

- Retrieving BIND
- Building and Installing BIND
- Mailing Lists

Asia Pacific Network Information Centre

APNIC

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
 - <http://www.isc.org/products/BIND/>
 - <http://www.isc.org/products/BIND/bind9.html>
 - BIND 9.3.0 today
- FTP
 - [ftp.isc.org](ftp://ftp.isc.org) - anonymous
 - Change Directory to /isc/bind9
 - cd 9.3.0
 - <ftp://ftp.isc.org/isc/bind9/9.3.0/bind-9.3.0.tar.gz>

Overview

- Retrieving BIND
- ↓ Building and Installing BIND
- Mailing Lists

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
 - 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 9.3.0

Overview

- Retrieving BIND
- Building, Installing BIND
- 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?
