

freebsd.isc.org

a.k.a. “We want all your FreeBSD packets” ;)



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- Why are we doing this?
 - Because ISC has long been involved with the *BSD community.
 - Used BSDi, now use FreeBSD internally.
 - Host NetBSD's public servers.
 - Host OpenBSD's main US mirror.
 - Host PC-BSD's master server.
 - Mirror other BSD's (DragonflyBSD, PC-BSD)

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- Because I like to torture FreeBSD developers in my spare time. ;)
 - ISC heavily promotes IPv6 wherever possible, so it has been... painful at times when exposing the IPv6 codebase to actual traffic.
 - I have the dubious honor of holding up both the 5.3 & 5.4 releases within the last 24 hours before release due to showstopper bugs when running the last RC on these servers.
 - Many thanks to various FreeBSD developers (rwatson, dwhite, kris, scott, gnn, etc...) who have put up with my last minute bug reports over the years.

What is freebsd.isc.org?

- Started in 2003 with a Quad-CPU Xeon with 4GB RAM (thanks to Intel & Iron Systems)
- Added a 1.5TB Xserve RAID in 2004 (Thanks Apple) connected via a 2Gb Fibre Channel link.
- Added another node in the SF Bay Area using a 2x3Ghz (quad-core) Xeon w/ a 2TB RAID shelf connected via a 4Gb FC link.
- As of October 2006, we are anycasting freebsd.isc.org from two locations.

Where are we going with freebsd.isc.org?

- Currently looking at a new hosting platform using Sun x4500 (“Thumper”) with 24TB of storage... “Hello ZFS” & blade servers connecting via iSCSI. ;)
- Looking into adding more global anycasted sites. (adding US Midwest & Europe)
- Aggressively peering at major IX's to shorten the network path to the end users (contact me if you are interested)

How to use freebsd.isc.org

- FTP
 - half of <ftp.freebsd.org> (the other half being handled by our friends at TDK)
 - a.k.a. <ftp4.freebsd.org>/<ftp4.us.freebsd.org>
- CVSup
 - <cvsup4.freebsd.org>/<cvsup4.us.freebsd.org>
- WWW
 - <www5.freebsd.org>/<www5.us.freebsd.org>
- FTP/WWW are both available via IPv4 & IPv6!