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)
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](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!