

IPV6 and You

(Being a collection of notes about the IPv6)

Slides from Alan Whinery's 10/30/08 *IPv6 and You* Brown Bags talk are [here](#).

The UH IPv6 Deployment Mailing List

A LISTSERV list for UH System staff who are involved or interested in IPv6 deployment in UHNet. Information and Archive is [here](#).

State Of Deployment

The University Of Hawaii has obtained a block of addresses from ARIN, as of December 2007.

An addressing plan has been worked out, and addresses have been assigned to UH Net facilities.

In January the last network devices will be upgraded to make IPv6 available to all campus throughout the State. If your campus or facility wishes to expedite the deployment of IPv6 to your site, please email networks@hawaii.edu.

[HTTP Sites you can reach using IPv6](#)

State Of Implementations

Pretty much all popular operating systems support IPv6 to some extent.

End-User Operating Systems

- Windows XP comes with IPv6, but you have to turn it on yourself.
 - [Microsoft's IPv6 FAQ](#)
- Windows Vista comes with IPv6, and it is enabled by default
 - [Microsoft's IPv6 FAQ](#)
- Mac OS X comes with IPv6, and it is enabled by default
 - Apple's exclusion of DHCP support may cause need for additional software.
- All recent general-purpose Linux distributions support IPv6
 - *Linux*, per se, is not an operating system. Linux is a [kernel](#). Linux *distributions* are operating system implementations based on the Linux kernel.
 - [Linux IPv6 FAQ](#)
- All recent general-purpose BSD distributions support IPv6
- Sun Solaris and OpenSolaris support IPv6
- Windows 2000 did have an add-on experimental version of IPv6, but it is now too out-dated to use
- Windows NT,95,98,Me Did not support IPv6
- Mac OS 9 and earlier did not support IPv6
- Until recently, Tattam Software provided a version of Trumpet Winsock which supported IPv6 in Windows, but it has mysteriously disappeared from the Tattam site.

Miscellaneous Interesting Links

[IP Subnet Calculator for IPv4 and IPv6 \(Mac OS X\)](#)

[Open Contributors Corporation for Advanced Internet Development \(OCCAID\)](#)

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