

The KAME Project

- A single effort
 - 8 core members from 7 Japanese companies
 - ▷ Fujitsu, Hitachi, IIJ, NEC, Toshiba, YDC, Yokogawa
 - April 1998 - March 2000
 - ▷ extended to March 2002
 - The core members work for IPv6 three days a week
- Reference code
 - IPv6, IPsec, and advanced networking
 - Provided "AS IS" like BSD
 - ▷ Free and no warranty
 - ▷ Commercial use is OK
- Adopted
 - BSD/OS 4.2, FreeBSD 4.1, NetBSD 1.5 (late 2000), OpenBSD 2.7,
 - IIJ SEIL T1, Hitachi GR2000, Fujitsu NetVehicle

KAME Project

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New Organization from April 2000

- "KAME Y2K problem"
 - The next two years will be important for IPv6
 - We can't quit the project yet
- The project will continue until March 2002
 - 2 more years
 - Deployment efforts as well as implementation
- Reorganization of core members
 - Some are swapped, and some new members have joined
 - Matsushita Graphic Communication System joined

Current status

- The basic spec has been implemented
 - IPv6
 - Basic specifications
 - Routing: RIPvng, BGP4+, PIM-DM, PIM-SM
 - translator: TCP-relay and protocol translator
 - IPsec, IKE
 - Many IPv6 applications
 - DNS, SMTP, POP, HTTP, FTP, TELNET, SSH...
- Used in the worldwide IPv6 networks
 - More than 25 countries
- Contribution to standardization
 - Internet Drafts
 - Comments on specifications as implementors

Contact Points

- Obtaining the KAME software
 - <http://www.kame.net/>
 - <ftp://ftp.kame.net/pub/kame/>
- Mailing-lists
 - snap-users@kame.net
 - Questions and announcements
 - ▷ [Subscribe snap-users to major/domo@kame.net](mailto:Subscribe%20snap-users%20to%20major%20domo%40kame.net)
 - ▷ core@kame.net
 - ▷ The core members
 - secretary@kame.net
 - ▷ Questions about license policy, etc.

Future plans

- Large scale backbone routing
 - OSPFv3: stabilization, deployment, interoperability
 - PIM-SM: stabilization, interoperability
- Prefix allocation protocol for dialup users
 - "IPv6 to the home"
- PnP/zeroconf environment support
 - mDNS, DHCPv6
- New applications for IPv6
 - Cellular phone, cars, home network, game machines...

The TAHI Project

- An affiliated project with KAME
 - Organized by Yokogawa and YDC
 - Developing and providing verification technologies for IPv6
- IPv6 Conformance test tools
 - 8 categories, more than 300 tests
 - IPv6 interoperability test scenarios and tools
 - Opens the results of the project to the public for FREE
- IPv6 Interoperability test events
 - 1st: 1999.9.24-10.1 in Tokyo
 - 2nd: 2000.7.16-18 in Yokohama
- Contact Points
 - contact@tahi.org
 - <http://www.tahi.org/>