



IPv6 in Solaris 8

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Agenda

- Solaris 8
- Applications and Name Services
- Transition
- Solaris IPv6 Roadmap
- Industry Activities & Participation
- Future Focus
- Solaris Advantage

Solaris

- Proven Unix operating environment for availability, scalability, and security in the Internet age
- 49.3% Worldwide Unix Server Shipment in CY99 (source: Dataquest, June 2000)
- SPARC and Intel platforms

Solaris 8

- Latest release of Solaris Operating Environment
 - Announcement January 2000
 - Customer Release March 2000
- More than 200 new functions including IPv6
- Free Binary License (~8 CPU machine)
 - \$75 for media
- 37 language support including 10 full localization in one package

IPv6 aware applications

- ifconfig
- ndd
- telnet/in.telnetd
- rlogin/rlogind
- rsh/rshd
- tftp/in.tftpd
- Inetd
- sendmail
- ping
- snoop
- route
- traceroute
- netstat
- finger/in.fingerd
- Mconnect
- RFC/NFS
- Printing

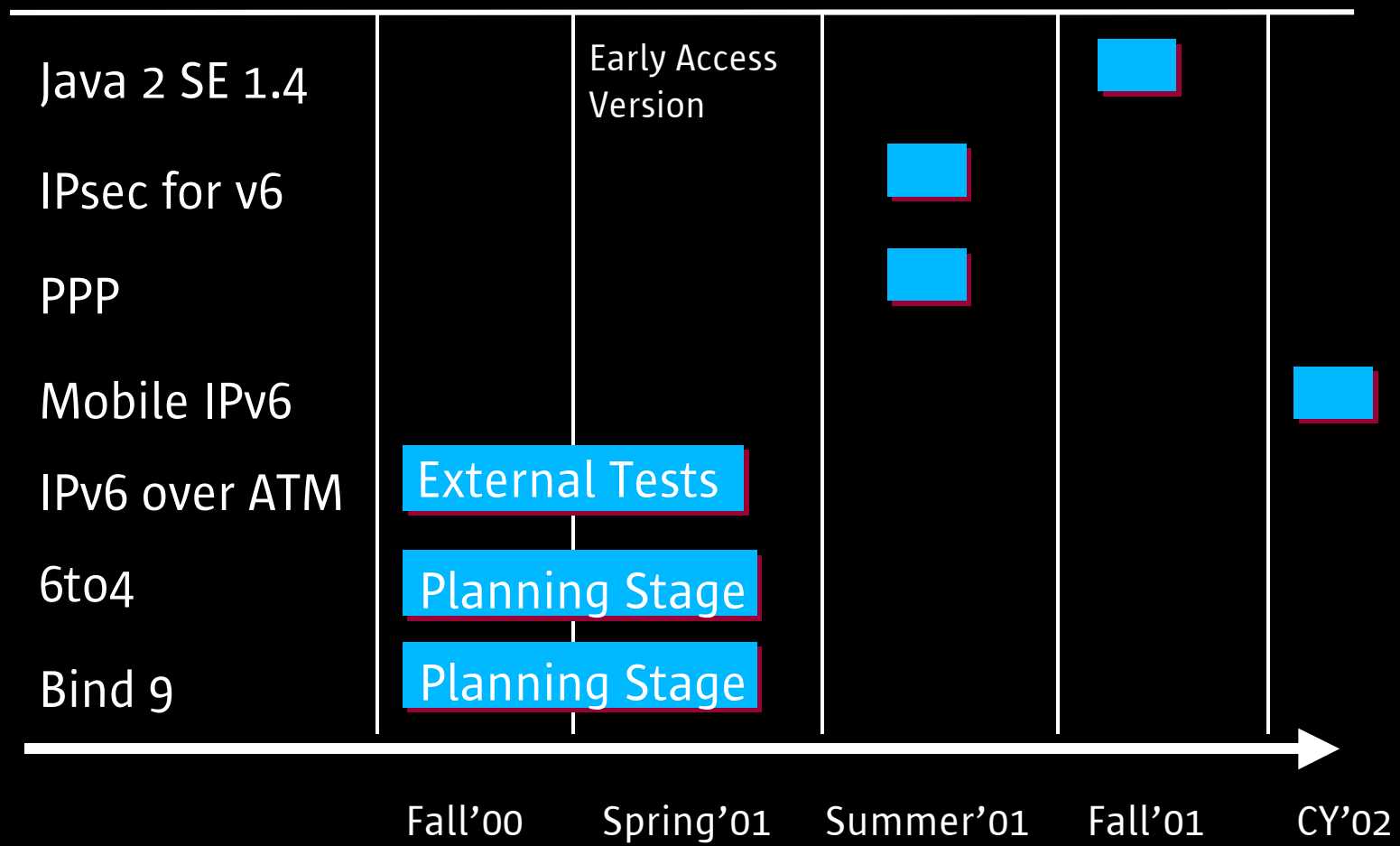
IPv6 aware name services

- NIS
- NIS+
- DNS (with IPv4 transport)

Transition

- RFC 1933
- Dual Stack IPv4 & IPv6
- IPv6 in IPv4 Tunnels
- Application Porting Tool
 - IPv6 Socket Scrubber

Solaris IPv6 Roadmap



 First Customer Shipment



Industry Activities

Driving and promoting IPv6 Technology

- IPv6 Forum
 - Sun is the Founding Member
 - Product Presentations
 - Product Demonstrations
- IETF Working groups
 - 6bone
 - 6REN
 - 6TAP
- MWIF and 3GPP



Industry Activities

Driving and promoting IPv6 Technology

- Interoperability Testing
 - Annually at Connectathon
 - Annually at University of New Hampshire
 - IPv6 testing at iLabs at Networld+Interop, March & September 2000
 - IPv6 Forum, Washington DC, October 2000
 - TAHI, Japan, Summer 2000

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Future IPv6 Focus

- Complete the IPv6 Picture
- Focus on Interoperability
- Continued Participation at Industry Events
- Drive the Deployment of IPv6

Solaris 8 Advantage

- IPv6 Commercially Supported
 - Not a prototype
- Massive Scalability
- Constant Availability
- Total Manageability

Resources

- <http://www.sun.com/solaris/ipv6/>
- White Paper
- Network Application Porting Guide
- Network Application Porting Tool
 - IPv6 Socket Scrubber
- IPv6 Network Administration Guide

Further information...

- ipv6-questions@sun.com

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