



OpenSolaris Installation Roadmap 6/08

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Solaris Installation

Users, Goals

- Target Users
 - Developers
 - Deployers
- Goals
 - Inviting interactive installation
 - Best-in-class automated installation and replication
- Initial focus on Developers

Developer Goal Progress

“The most impressive aspect of OpenSolaris is the installation experience, which is painless, intuitive, and easily on par with Ubuntu and Fedora”

Ryan Paul

ars technica

May 12, 2008

Current Developer Gaps

- Installation Flexibility
 - > Package choices, partitioning
- Co-existence with Linux, Solaris 10
- Performance
 - > LZMA (de)compression, Live CD @ 512 MB, CD boot time, media format
- Ease-of-Use
 - > BE mgt. & rollback, pre-built VM's, USB images for Linux & Windows users, Locale selection
- Polish
 - > Graphical boot, sound theme, promos during installation

Deployer Needs

- Automated Installation
- Fully-functional Zones
- Custom distro creation
- Diskless server support
- Text UI
- Image-based replication (Flash replacement)

Sun Requirements

- Build and support variant distributions (xVM server, appliances)
- Merge Indiana & Nevada trains
 - > Support automated test infrastructure
 - > Distro construction tools
 - > Integrate to consolidation(s)
 - Resolve design issues/missing design, ARC, eliminate duplication with Nevada
- Accessibility

Top Priorities

- Automated Installation (phased)
- Distribution Constructor
- Zones
- Install GUI enhancements
- Solaris 10 & Linux co-existence
- Live CD memory requirements

Secondary Priorities

- LZMA performance
- BE management & rollback improvements
- Live CD and Install Accessibility
- Diskless design

2008.11 Targeted Deliveries

- Automated Installation preview
- Distribution Constructor
- Zones support in BE management
- Install GUI enhancements for package, locale selection
- Solaris 10 co-existence
- Live CD memory usage, LZMA performance
- BE automatic management & rollback
- Live CD and Install Accessibility

2009.04 Targeted Deliveries

- Automated Installation supportable
- GUI partitioning enhancements
- Pre-built VM's from Distro Constructor

2009.10 Targeted Deliveries

- Integrate to consolidation(s)
- Linux awareness/co-existence
- Text UI
- Distribution Constructor web factory
- USB media format switch to ZFS

2010.04 Targeted Deliveries

- Replication (Flash replacement)
- Extended Partition support
- Graphical boot
- Sound theme

SPARC

- 2008.11: add SPARC to Automated Installation preview, sun4v only
- 2009.04: SPARC sun4v included in supported Automated Installer
- 2009.10: Additional SPARC platforms + live CD and interactive install
- Impact
 - > 2008.11: defer LZMA performance, live CD memory usage, Solaris & Linux coexistence
 - > 2009.10: defer partitioning enhancements
 - > Depends on IPS work to build SPARC repo

Dependencies

- SMF Enhanced Profiles
- Extended Partition target driver support
- Linux file system support for co-existence
- Graphical boot & Accessibility GRUB enhancements
- VirtualBox enhancements to support pre-building VM's



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