



Solaris Volume Manager : History



Solaris Volume Manager - History

- Pre-History
 - > SunOS 4.x
- 20th Century
 - > Solaris 2.x
 - > SDS 2.x – 4.2
- Modern times
 - > SDS 4.2.1
 - > Solaris Volume Manager

SVM History

- SunOS 4.x
 - > Minimal Sysadmin tools
 - > Required patches for > 1Gb disks
 - > Max file system size 2Gb
 - > Max file size 2Gb
 - > Kernel rebuild / reboot required for any changes

SVM History

- Online: DiskSuite
 - > Mirrors, Stripes, Concats & Hotspares
 - > Allowed volume up to 1Tb
 - > Boot disk mirror support
 - > Shipped new versions of ls, df, du etc
 - > Enabled growing of filesystems

SVM History

- Solaris 2.x
 - > Dynamic kernel modules
 - > Filesystems up to 1Tb
 - > Files up to 2Gb
 - > Introduced “ctd” naming for devices

SVM History

- Disksuite 2.x
 - > Solaris 2.1 – 2.3 support for metadevices
 - > Straight port from Online: Disksuite for features
 - > Pkgadd format for install
 - > Installed under `/usr/opt/SUNWmd` & `/etc/opt/SUNWmd`
 - > SPARC support only

SVM History

- DiskSuite 3.x
 - > Introduced UFS Logging
 - > Solaris 2.1 – 2.4 Support
 - > Bundled with Solaris 2.4, no extra cost
 - > SPARC & x86 architectures

SVM History

- Solstice DiskSuite 4.0
 - > Solaris 2.3 – 2.5 support
 - > Bundled with Solaris 2.5
 - > Added RAID-5 support
 - > Added metatool GUI
 - > Introduced support for metaset – SPARC only

SVM History

- Solstice DiskSuite 4.1
 - > Solaris 2.4 – 2.5.1
 - > Bundled with Solaris 2.5.1
 - > Ability to rename metadevices
 - > SNMP integration
 - > AdminSuite integration with metatool
 - > Metatool enhancements -
 - > SSA management functions
 - > Performance monitor

SVM History

- Solstice DiskSuite 4.2
 - > Bundled with Solaris 2.6 & 7
 - > 64-bit kernel support
 - > Y2K compliant
 - > Support for Alternate Pathing disk devices
 - > Support for hot-swap Fibre-Channel disks

SVM History

- Solstice DiskSuite 4.2.1
 - > Included on the Solaris 8 CD
 - > SunCluster 3.x Support
 - > Closer Solaris integration
 - > Binaries move into /usr/sbin
 - > Config files more into /etc/lvm

SVM History

- Solaris 9 - SVM
 - > Name changes – now “Solaris Volume Manager”
 - > Soft Partitions introduced
 - > Backported to 4.2, 4.2.1 in patches
 - > Solaris Install & Upgrade support
 - > SMC for management – metatool dropped
 - > Devid support introduced

SVM History

- Solaris 10 SVM
 - > Multi-Owner Metaset (Oban)
 - > Auto-Take Metaset
 - > Import of Metaset
 - > Multi-terabyte Volumes
 - > Max volume size > 16Tb
 - > Max file size 2Tb
 - > RCM support
 - > All features backported to S9 as patches

SVM History

- Nevada SVM
 - > Friendly Naming
 - > Partial Metaset import

SVM History