

comp.unix.solaris: core install of Solaris 9 (sparc) package list can be trimmed ?

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All:

I just installed Solaris 9 4/03 onto a Netra T1 AC 105 and I chose the core install cluster. This is a server that will have very specific reasons for running and thus I don't need much on it except the OS bare bones. The big question is, what is bare bones? The package list for a core install is very large still and there are some obvious things that can be pkgm'd but what are the not so obvious packages?

The list, untouched, is as follows :

- system SMEvplr SME platform links
- system SMEvplu SME usr/platform links
- system SUNWadmr System & Network Administration Root
- ALE R SUNWale Asian Language Environment Common Files
- ALE R SUNWalex Asian Language Environment Common Files (64-bit)
- system R SUNWatfsr AutoFS, (Root)
- system R SUNWatfsu AutoFS, (Usr)
- system R SUNWauda Audio Applications
- system R SUNWaudd Audio Drivers
- system R SUNWauddx Audio Drivers (64-bit)
- system SUNWbip Basic IP commands (Usr)
- system SUNWbsr Boot Server daemons (Root)
- system SUNWbsu Boot Server daemons (Usr)
- system R SUNWbzip The bzip compression utility
- system SUNWcar Core Architecture, (Root)
- system SUNWcarx Core Architecture, (Root) (64-bit)
- system R SUNWced Sun GigaSwift Ethernet Adapter (32-bit Driver)
- system R SUNWcedx Sun GigaSwift Ethernet Adapter (64-bit Driver)
- system SUNWcsd Core Solaris Devices
- system SUNWcsl Core Solaris, (Shared Libs)
- system SUNWcslx Core Solaris Libraries (64-bit)
- system SUNWcsr Core Solaris, (Root)
- system SUNWcsu Core Solaris, (Usr)
- system SUNWcsxu Core Solaris (Usr) (64-bit)

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system SUNWdfb Dumb Frame Buffer Device Drivers
system SUNWdtcor Solaris Desktop /usr/dt filesystem anchor
system R SUNWeridx Sun RIO 10/100 Mb Ethernet Drivers (64-bit)
system SUNWesu Extended System Utilities
system SUNWeu8os American English/UTF-8 L10N For OS Environment User Files
system SUNWeu8ox American English/UTF-8 L10N For OS Env User Files (64-bit)
system SUNWeuhed UTF-8 L10N For CDE Help Developer Environment
system SUNWeuluf UTF-8 L10N For Language Environment User Files
system SUNWeulux UTF-8 L10N For Language Environment User Files (64-bit)
system R SUNWfcip Sun FCIP IP/ARP over FibreChannel Device Driver
system R SUNWfcipx Sun FCIP IP/ARP over FibreChannel Device Driver (64-bit)
system R SUNWfcp Sun FCP SCSI Device Driver
system R SUNWfcpx Sun FCP SCSI Device Driver (64-bit)
system R SUNWfctl Sun Fibre Channel Transport layer
system R SUNWfctlx Sun Fibre Channel Transport layer (64-bit)
system R SUNWftpr FTP Server, (Root)
system R SUNWftpu FTP Server, (Usr)
system R SUNWged Sun Gigabit Ethernet Adapter Driver
system R SUNWgedx Sun Gigabit Ethernet Adapter Driver (64-bit)
system SUNWglmr rasctrl environment monitoring driver for i2c, (Root) (32-bit)
system SUNWglmx rasctrl environment monitoring driver for i2c, (Root) (64-bit)
system SUNWhmd SunSwift Adapter Drivers
system SUNWhmdx SunSwift Adapter Drivers (64-bit)
system SUNWi15cs X11 ISO8859-15 Codeset Support
system SUNWi1cs X11 ISO8859-1 Codeset Support
system SUNWi2cr Device drivers for I2C devices, (Root, 32-bit)
system SUNWi2cx Device drivers for I2C devices, (Root, 64-bit)
system R SUNWidecr IDE device drivers
system R SUNWidecx IDE device drivers- 64bit
system R SUNWider IDE Device Driver, (Root)
system R SUNWigsr IGS CyberPro2010 Device Driver (Root)
application R SUNWigsu IGS CyberPro2010 DDX (OW) Driver
application R SUNWigsuc IGS CyberPro2010 DDX (OW) Config
system R SUNWigsx IGS CyberPro2010 64-bit Device Driver (Root)
system SUNWinamd Internet Domain Name Server
system SUNWinleu Indic Locale Environment User Files
system SUNWinlex Indic Language Environment user files (64-bit)
system SUNWkey Keyboard configuration tables
system R SUNWkmp2r PS/2 Keyboard and Mouse Device Drivers (Root) (32-bit)
system R SUNWkmp2x PS/2 Keyboard and Mouse Device Drivers (Root) (64-bit)
system SUNWkrbr Kerberos version 5 support (Root)
system SUNWkrbu Kerberos version 5 support (Usr)
system SUNWkvm Core Architecture, (Kvm)
system SUNWkvmx Core Architecture (Kvm) (64-bit)
system SUNWlibms Forte Developer Bundled shared libm
system R SUNWlldap LDAP Libraries
system SUNWlmsx Forte Developer Bundled 64-bit shared libm
system SUNWloc System Localization
system SUNWlocx System Localization (64-bit)
system R SUNWluxop Sun Enterprise Network Array firmware and utilities
system R SUNWluxox Sun Enterprise Network Array libraries (64-bit)

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system SUNWmdi Sun Multipath I/O Drivers
system SUNWmdix Sun Multipath I/O Drivers (64-bit)
system SUNWnamos Northern America OS Support
system SUNWnamow Northern America OW Support
system SUNWnamox Northern America 64-bit OS Support
system R SUNWnfscr Network File System (NFS) client support (Root)
system R SUNWnfscu Network File System (NFS) client support (Usr)
system R SUNWnfscx Network File System (NFS) client support (Root) (64-bit)
system R SUNWnfssr Network File System (NFS) server support (Root)
system R SUNWnfssu Network File System (NFS) server support (Usr)
system R SUNWnfssx Network File System (NFS) server support (Root) (64-bit)
system R SUNWnistr Network Information System, (Root)
system R SUNWnisu Network Information System, (Usr)
system SUNWpd PCI Drivers
system SUNWpdx PCI Drivers (64-bit)
system SUNWpiclr PICL Framework (Root)
system SUNWpiclu PICL Libraries, and Plugin Modules (Usr)
system SUNWpiclx PICL Libraries (64-bit)
system SUNWpl5u Perl 5.6.1 (core)
system SUNWpl5v Perl 5.6.1 (non-core)
system R SUNWqfed Sun Quad FastEthernet Adapter Driver
system R SUNWqfedx Sun Quad FastEthernet Adapter Driver (64-bit)
system SUNWrcmdc Remote Network Client Commands
system SUNWrcmdr Remote Network Server Commands (Root)
system SUNWrcmds Remote Network Server Commands (Usr)
system SUNWrmodu Realmode Modules, (Usr)
system SUNWroute Network Routing daemons/commands (Usr)
system SUNWses SCSI Enclosure Services Device Driver
system SUNWsex SCSI Enclosure Services Device Driver (64-bit)
system SUNWsior SuperIO 307 (plug-n-play) device drivers, (Root) (32-bit)
system SUNWsiox SuperIO 307 (plug-n-play) device drivers, (Root) (64-bit)
system R SUNWsndmr Sendmail root
system R SUNWsndmu Sendmail user
system SUNWsolnm Solaris Naming Enabler
system R SUNWssad SPARCstorage Array Drivers
system R SUNWssadx SPARCstorage Array Drivers (64-bit)
system SUNWswmt Install and Patch Utilities
system R SUNWtftp Trivial File Transfer Server
system R SUNWtftp Trivial File Transfer Server (Root)
system R SUNWtleu Thai Locale Environment User Files
system R SUNWtleux Thai Language Environment user files (64-bit)
system R SUNWtnamd Trivial Name Server (Usr)
system R SUNWtnamr Trivial Name Server (Root)
system SUNWtnetc Telnet Command (client)
system SUNWtnetd Telnet Server Daemon (Usr)
system SUNWtnetr Telnet Server Daemon (Root)
system R SUNWudf Universal Disk Format 1.50, (Usr)
system R SUNWudfr Universal Disk Format 1.50
system R SUNWudfrx Universal Disk Format 1.50 (64-bit)
system R SUNWusb USB Device Drivers
system R SUNWusbx USB Device Drivers (64-bit)

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system SUNWwsr2 Solaris Product Registry & Web Start runtime support
system SUNWxwdv X Windows System Window Drivers
system SUNWxwdvx X Windows System Window Drivers (64-bit)
system SUNWxwmod X Window System kernel modules
system SUNWxwmox X Window System kernel modules (64-bit)

I have a letter "R" to the left of the packages that I think I have no need for and never will. What other ones can be killed off with no real impact on a bare bones unit with internal SCSI disks and hme NICs ? There is no graphic frame buffer, no keyboard or mouse. There is no need for either telnet or ftp or any other network service of any shape or fashion that involves rpc, NFS or (heaven forbid) rsh. I need the TCP (ver 4) stack and not much else. I will be adding SUNWmd[uxr] (SVM – DiskSuite) as well as SUNWlibC.

I figure that the regulars of this group can probably spot a few that really are not needed and then the newgroup would have that list as a matter of public record.

Dennis

ps: I'll keep telnet around anyways, just in case I ever want/need it.