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SunOS 4.1.2

SunOS 4.1.2 At A Glance

A release of Solaris 1.0, SunOS™ 4.1.2:

- Supports Sun's SPARCsystem™ 600MP series
- Provides a bridge to SVR4 for application developers
- Includes all the functionality of the Sun™ QuickCheck product
- Offers installation upgrade capability for SunOS 4.1.1 customers
- Is binary compatible with SunOS 4.1.1
- Consolidates all features of SunOS 4.1.1, SunOS 4.1.1 Rev B, and GFX Rev 2
- Supports the Rock Ridge CD-ROM filesystem

Support for Multiprocessor Hardware

SunOS 4.1.2 supports Sun's SPARCsystem 600MP family of products. SunOS 4.1.2 helps you realize throughput gains that grow as the number of processors increases. Users do not need to learn any new administrative.

Bridge to SVR4

SVR4 is Sun's strategic direction for system software. The SunOS 4.1 releases (SunOS 4.1, SunOS 4.1.1, SunOS 4.1.1 Rev B and SunOS 4.1.2) are the bridge to the SVR4-based Solaris 2.0 for applications already running on Sun platforms. Using SunOS 4.1.x as a development platform gives developers a head start in migrating to SVR4. Because both SunOS 4.1.2 and Solaris 2.0 conform to industry standards such as the System V Interface Definition Issue 3, software developers can create applications on SunOS 4.1.2 today that are source compatible with Solaris 2.0 tomorrow.

Sun QuickCheck Functionality Included

Sun QuickCheck, formerly an unbundled product, was subsumed by SunOS 4.1.2, providing higher availability of UNIX® filesystems. This functionality enables 2 to 20 times faster reboot depending on disk configuration.

SunUpgrade

SunOS 4.1.2 has an upgrade feature that eliminates the time-consuming task in many configurations of doing a full installation. The SunUpgrade program allows SPARCserver™ systems with all SPARC® clients and diskfull SPARCsystem environments to easily upgrade from SunOS 4.1.1 or SunOS 4.1.1 Rev B to SunOS 4.1.2. The documentation explains how to upgrade a SPARCserver with a mix of SPARC and Sun–3™ clients running SunOS 4.1.1 or SunOS 4.1.1 Rev B.

Binary Compatibility with SunOS 4.1.1

SunOS 4.1.2 is binary compatible with SunOS 4.1.1, enabling you to take advantage of Sun's multiprocessor hardware without modifying your existing applications. All 3600 SPARC applications will run unchanged. Most Sun unbundled products are also available on SunOS 4.1.2.

Consolidation of Supplemental Releases

The features of SunOS 4.1.1, SunOS 4.1.1 Rev B and GFX Rev 2 all have been consolidated into SunOS 4.1.2, providing a single system software base. Additional software is no longer required to support SPARCstation™ 2GS, GT, GXplus and the 24-bit SBus dumb frame buffer. In addition, SunOS 4.1.2 supports Sun's VX/MVX graphics visualization products, eliminating the need to install additional software, rebuild the kernel, and reboot the system.

Rock Ridge Filesystem

The Rock Ridge filesystem is a new industry standard for CD-ROM interchange, adopted by the Rock Ridge Consortium, of which Sun is a member. It enables 25 percent faster access to files on CD-ROM than the UFS format of previous releases.

Additional Facts

- SPARC-only release: support for Sun-4™/xx, Sun-4/1xx, Sun-4/2xx, Sun-4/3xx, Sun-4/4xx and Sun-4/6xx series
- SunOS 4.1.2-specific AnswerBook™ and encryption kit available January 1992
- Source products available January 1992
- Japanese Language Environment (JLE) and Asian Language Environment (ALE) products available January 1992
- CD-ROM distribution media only

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