



Operations Alert Bulletin

Sun Enterprise 250 DNCS

Platform Announcement

Overview

Background

Cisco's support for the Sun Enterprise 250 Digital Network Control System (DNCS) server ends with System Release (SR) 2.5/3.5/4.0 Service Pack 3. Beginning with SR 2.7/3.7/4.2 Service Pack 2, the Sun Fire V445 server replaces the Sun Enterprise 250 server. The Sun Enterprise 250 DNCS no longer supports the needs of system operators who run SR 2.7/3.7/4.2 – one of Cisco's latest versions of system software. SR 2.7/3.7/4.2 was designed to use the Solaris 10 operating system (OS); earlier system releases use the Solaris 8 OS. SR 2.7/3.7/4.2 implements 15 more multi-threaded processes, 12 more Web UIs, and requires more system resources than did earlier system releases.

The Sun Fire V445 server is designed to specifically take advantage of the additional capabilities of the Solaris 10 OS. The Sun Fire V445 server is ideal for system operators who serve fewer than 200,000 digital subscribers, and can be used for testing purposes in headend laboratories. Support for the Sun Fire V445 server will begin with SR 2.7/3.7/4.2 Service Pack 2, expected in September 2007.

Recommendation

Cisco recommends that system operators, who currently use the Sun Enterprise 250 server as their DNCS, upgrade to the Sun Fire V445 server, or better, before installing SR 2.7/3.7/4.2. System operators should contact their Cisco Marketing Manager for assistance in making this upgrade.

Audience

This bulletin is intended for system operators of Cisco's Digital Broadband Delivery System (DBDS) who use the Sun Enterprise 250 server as their DNCS platform.

Related Publications

You may find the following publications useful as resources when you implement the procedures in this document.

- *System Release 2.5 Release Notes* (part number 749253)
- *System Release 3.5 Release Notes* (part number 4001159)
- *System Release 4.0 Release Notes* (part number 4001703)
- *System Release 2.7/3.7/4.2 Service Pack 2 Release Notes and Installation Instructions* (part number 4019475)

Document Version

This is the second release of this document.

Sun Enterprise 250 Support in SR 2.5/3.5/4.0

The Sun Enterprise 250 server still serves as a fine platform for system operators who run SR 2.5, SR 3.5, or SR 4.0. The Sun Enterprise 250 server provides excellent support for the following features:

- CableCARD™ modules
- Direct ASI
- DOCSIS® mode for set-top data transfer
- OpenCable® Applications Platform (OCAP™)
- Overlay™
- Regional Control System (RCS)
- Session-Based Encryption (SBE)
- Split Channels
- Video-on-demand (VOD)

Note: System operators should reference the release notes of SR 2.5, SR 3.5, and SR 4.0 for a full listing of the features associated with these system releases.



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