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UniPack Upgrades to SR 2.5/3.5 and SR 4.0 Require New DBDS Maintenance CD

Overview

Introduction

Cisco engineers have discovered that upgrades of system software to System Release (SR) 2.5/3.5 and SR 4.0, that use the Solaris Live Upgrade process, may fail during execution of the detach_DBmirrors script. Specifically, the script has been known to fail on an Enterprise 450 Digital Network Control System (DNCS) server that uses a 10 x 9 gigabyte (GB) disk configuration.

Notes:

- The Solaris Live Upgrade process allows the Enterprise 450 and Sun Fire V880 DNCS servers to be upgraded through use of the UniPack without shutting down system processes until activation of the new system software.
- UniPack upgrades to SR 2.5/3.5 and SR 4.0 use the Solaris Live Upgrade process.

Important! The detach_DBmirrors script works as intended on all other disk configurations.

Purpose

This technical bulletin alerts system operators and installation engineers to the issue with the detach_DBmirrors script when used on an Enterprise 450 DNCS server that uses a 10 x 9 GB disk configuration. In addition, this technical bulletin advises system operators and installation engineers to obtain an updated version of the DBDS Maintenance CD before undertaking a UniPack Live Upgrade on the specified server.

Audience

This technical bulletin is written for system operators of Cisco's Digital Broadband Delivery System (DBDS), as well as for headend engineers and laboratory personnel who upgrade DBDS software. Cisco engineers who provide technical support during system upgrades may also find the information contained in this technical bulletin to be helpful.

Related Publications

You may find the following publications useful as you implement the procedures in this document. The publish dates for these documents are valid as of this printing. However, some of these documents may have since been revised:

DBDS Utilities Installation Instructions and DNCS Utilities User's Guide (part number 740020, published October 2004)

Document Version

This is the second release of this document.

Before You Upgrade

Run the Doctor Report

If you are planning to upgrade an Enterprise 450 DNCS server to SR 2.5/3.5 or SR 4.0 using the UniPack, run the Doctor Report first. The **Disk Info** section of the output from the Doctor Report provides the DNCS disk configuration. Typical output under the **Disk Info** section is similar to **You have a E450 with 7x9 configuration**.

Note: Instructions for running the Doctor Report are found in the chapter entitled **Analyze System Configuration With the Doctor Report** in *DBDS Utilities Installation Instructions and DNCS Utilities User's Guide*.

If the information under the **Disk Info** section of the Doctor Report reveals that your Enterprise 450 DNCS server has a 10 x 9 GB disk configuration, obtain version 2.1.12p1 of the DBDS Maintenance CD before continuing with the upgrade.

Obtain Version 2.1.12p1 of the DBDS Maintenance CD

The DBDS Maintenance CD is a required component of UniPack upgrades. The DBDS Maintenance CD contains various scripts that facilitate the upgrade, as well as scripts for backing up and restoring system and database files. Cisco engineers have updated the DBDS Maintenance CD so that it now contains a corrected version of the detach_DBmirrors script. The updated detach_DBmirrors script can be run without error on an Enterprise 450 DNCS server with a 10 x 9 GB disk configuration.

Important! Obtain version 2.1.12p1 of the DBDS Maintenance CD before using the UniPack to upgrade system software. Contact Cisco Services to obtain the latest DBDS Maintenance CD.



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