HP OpenView Distributed Configuration Server Using Radia

for the HP-UX, Linux, Solaris, and Windows operating system

Release Notes

Software version: 4.2 / 17 November 2005

This document provides an overview of the changes made to the HP OpenView Distributed Configuration Server Using Radia (Distributed Configuration Server) for the 4.2 release. It contains important information that is not included in the manuals or online help.

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In This Version

This version of Distributed Configuration Server sees the following new features:

- A metakit tracing facility has been added; it is invoked by the setting -loglvl ≥ 5.

- The amounts of free disk space and the space used by metakits (`*.mk`) and resource caches (`*.dat`), before and after each domain analysis (pack) operation, are now shown in `dmabatch.log`.

- During the migration of DCS version 4.6 to version 4.7.1 the resources' time-stamps were being updated; this is not occurring in version 4.7.2 (build 80 and later).

Documentation Updates

The first page of this release notes document contains the following identifying information:

- Version number, which indicates the software version.

- Publish date, which changes each time the document is updated.

To check for recent updates or to verify that you are using the most recent edition, visit the following URL.

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Installation Notes

Installation requirements, as well as instructions for installing Distributed Configuration Server, are documented in the HP OpenView Distributed Configuration Server Using Radia Installation and Configuration Guide (Distributed Configuration Server Guide) provided in Adobe Acrobat (`.pdf`) format. The document file is included on the Documentation CD.

Enhancements and Fixes

The following items (identified by error tracking number) are fixed in the current software release.

5990: Corrupt MK file being propagated

PROBLEM: After a failed operation (rc=16), a partially updated metakit file was being incorrectly propagated to Destination databases in subsequent synchronization requests.

CAUSE: An error-trap mechanism wasn't in place to delete the corrupt MK file.

FIX: In the event of a failed operation (rc=16), the Destination will abort the synchronization and initiate a "clean up" of the metakit files on the Source Configuration Server. This results in the deletion of the questionable Domain's metakit file, which ensures that a partially updated metakit file is not incorrectly propagated to Destination databases in subsequent synchronization requests.

5990: Benign message being logged

PROBLEM: The benign message, "rc=10053 connection terminated by peer." was being written to the Configuration Server log.

CAUSE: Incorrect close-socket sequence.

FIX: The DCS code has been revised to delay the socket close until the connection is terminated.

5990: ACTION=QUIESCE message being logged

PROBLEM: The operation, ACTION=QUIESCE, is failing with the message "rc=12 missing variable DMAQTYPE" being written to the Configuration Server log.

CAUSE: The QUIESCE functionality was inoperative.

FIX: ACTION=QUIESCE is now operating as intended; it is no longer failing with the "rc=12 missing variable DMAQTYPE" message being written to the Configuration Server log.

6004: "data underflow" message

PROBLEM: Historically, if the _BASE_ or _NULL_ instance was shorter (on the Destination) than defined by the Class template, a "data underflow" message would be logged and there would be a Tcl code dump with an rc=16 message.

CAUSE: Flawed exception handling.

FIX: Now, a warning is issued and the "bad" _BASE_ or _NULL_ instance is moved to a directory under **lost+found**.

Support

Please visit the HP OpenView support web site at:

http://www.hp.com/managementsoftware/support

This web site provides contact information and details about the products, services, and support that HP OpenView offers.

HP OpenView online software support provides customer self-solve capabilities. It provides a fast and efficient way to access interactive technical support tools needed to manage your business. As a valuable support customer, you can benefit by being able to:

- Search for knowledge documents of interest

- Submit and track progress on support cases

- Submit enhancement requests online

- Download software patches

- Manage a support contract

- Look up HP support contacts

- Review information about available services

- Enter discussions with other software customers

- Research and register for software training

NOTE: Most of the support areas require that you register as an HP Passport user and sign in. Many also require an active support contract.

To find more information about support access levels, go to the following URL:

http://www.hp.com/managementsoftware/access_level

To register for an HP Passport ID, go to the following URL:

http://www.managementsoftware.hp.com/passport-registration.html

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