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DELL OPENMANAGE(TM) CONNECTION FOR CA Unicenter Version 3.2

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NOTE: This readme provides information for Dell OpenManage Connection
    for Computer Associates (CA) Unicenter version 3.2. Dell
    OpenManage Connection for CA Unicenter is hereafter referred to
    as the Connection.

For the latest version of this readme, see the Dell Support
website at "support.dell.com."

NOTE: Some procedures described in this document require you to
    specify file locations (paths) according to an example. All
    example paths specified in this document refer to the default
    file location. If you specify paths other than the default paths
    during the installation, use those paths instead of the examples
    specified in this document.

This file contains the following sections:

* Criticality

* Minimum Requirements

* Release Highlights

* Installation

* Known Issues

* History

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CRITICALITY
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MINIMUM REQUIREMENTS
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This section provides information about the minimum requirements for
installing and using the Connection.

* Microsoft(R) Windows(R) operating system versions supported by CA
  Unicenter versions 3.0, 3.1, and NSM r11.

* Dell OpenManage Connection for CA Unicenter version 3.0, if

installing on CA Unicenter versions 3.0 and 3.1.

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RELEASE HIGHLIGHTS
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* Version 3.2 of the Connection supports the new CA Unicenter
  framework NSM r11.0 on systems running supported Microsoft Windows
  operating systems.

* Version 3.2 of the Connection also supports CA Unicenter versions
  3.0 and 3.1 on systems running supported Microsoft Windows operating
  systems.

* Version 3.2 of the Connection is a Service Pack for versions 3.0 and
  3.1 of Connection.

    NOTE:
    - Dell OpenManage Connection for CA Unicenter version 3.0 must
      be installed prior to the installation of version 3.2 of the
      Connection.
    - For CA Unicenter NSM r11, Dell OpenManage Connection for CA
      Unicenter version 3.0 is NOT required.

* Version 3.2 of the Connection contains all the fixes and event
  support provided in patches 3.0.0.0.B, 3.0.0.0.C, and 3.1.

* Version 3.2 of Connection supports Dell OpenManage Server
  Administrator versions 1.6 - 5.3.

* Version 2.3 of the Storage Management Service.

* Version 3.2 of Connection supports Dell OpenManage Array Manager
  versions 3.4 - 3.7.

* Version 3.2 of the Connection supports PET (Platform Event Traps)
  for Dell(TM) PowerEdge(TM) "x8xx" systems with a baseboard
  management controller (BMC).

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INSTALLATION
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For complete installation instructions, see the Dell OpenManage
Connection for CA Unicenter User's Guide Version 3.2."

* CA Connection 3.2 supports CA Unicenter NSM r11. If you are
  installing Connection 3.2 on CA Unicenter NSM r11, no prior version
  of Connection is required.

* CA Connection 3.2 is a Service Pack for CA Connection 3.0 for CA
  Unicenter version 3.0 and 3.1. If you do not have CA Connection 3.0
  installed, you must first install it before installing version 3.2.

* If you have installed CA Unicenter version 3.0 or v3.1 in a
  distributed environment, then install Connection version 3.2 only on
  the system where the DSM component is installed. A message prompts
  you to run the "resetdsm" and "awservices" start commands after the
  installation is complete.

* To support proper formatting of PET alerts sent from PowerEdge
  "x8xx" systems or later with a Baseboard Management Controller (BMC),
  modify "%AGENTWORKS_DIR%\SERVICES\CONFIG\AWS_SNMP\AWWS_SNMP.CFG" as
  follows:

  - Set aws_snmp to bind to port 162 to listen for traps by setting
    the "USE_MGMT_API" property to "No" as follows:

    USE_MGMT_API NO

  - Add the following line beneath the corresponding BIN_OID
    definitions:

    BIN_OID 1.3.6.1.4.1.3183.1.1.1

  - Make sure that the Windows "SNMP Trap Service" is either not
    installed or is disabled.

    Stop and restart "awservices" by running the "awservices stop"
    command followed by the "awservices start" command.

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KNOWN ISSUES
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This section provides information on open issues with this release
of the Connection.

NOTE: This section describes only the latest known issues for
      Connection for CA Unicenter Version 3.2. See the
      "Frequently Asked Questions" section of the "Dell OpenManage
      Connection for CA Unicenter User's Guide Version 3.2" for
      additional information about resolving possible issues.

* The Dell system is present with status as Critical under "Dell
  Managed Systems" BPV (Business Process View) after uninstalling
  Server Administrator from that system.
  (48351)

* The DSM monitoring support for Remote Access Controller (RAC) traps
  was added in previous release. The Connection version 3.0 only had
  an EM policy to format the RAC traps. To enable use of the DSM
  policy, set the trap destination of the RAC to the DSM server.

  If your RAC is pointed to both the DSM and EM servers, you will
  receive duplicate RAC events. To delete the RAC EM policy:

1. Select "Start"-> "Programs"-> "Unicenter TND"-> "Enterprise
     Management"-> "EM Classic."
  2. Double-click on "WindowsNT."
  3. Double-click on "Events."
  4. Double-click on "Messages."
  5. Select all "Dell Remote Access" message records.
  6. Right-click on the message records and select "Delete" from the
     popup menu.

* When uninstalling the Connection, all necessary uninstall files are
  moved from the Dell Program Files folder to the Windows Temp folder.
  If you abort the uninstall wizard for some reason, the uninstall
  files remain in the Temp folder. As long these files are present in
  the Temp folder, uninstall of the Connection will work. However, if
  the Windows Temp folder is subsequently deleted, you may not be able
  to uninstall the Connection software. The solution for this problem
  would be to reinstall the software.

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HISTORY
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This section provides historical information about the new features
and fixes that were implemented in previous versions of the
Connection.

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DELL OPENMANAGE CONNECTION FOR CA UNICENTER, VERSION 3.1
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RELEASE HIGHLIGHTS
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* Version 3.1 of the Connection is a Service Pack for version 3.0.
  NOTE: Dell OpenManage Connection for CA Unicenter version 3.0 must
  be installed prior to the installation of the Service Pack.

* The Service Pack contains all the fixes and event support provided
  in patches 3.0.0.0.B and 3.0.0.0.C.

* The Service Pack only needs to be installed on the Distributed
  State Machine (DSM) server. The Service Pack does not apply to the
  Event Manager or WorldView components.

* The Service Pack supports CA Unicenter versions 2.4, 3.0, and 3.1
  on systems running Microsoft(R) Windows(R) operating systems.

* The Service Pack supports Dell OpenManage Server Administrator
  versions 1.0 - 1.9 including the enhanced Storage Management
  Service 1.0.

* The Service Pack supports Dell OpenManage Array Manager

versions 2.7 - 3.6.

* The Service Pack supports DRAC 4 event traps and management of
  DRAC 4 through the RAC web console.

* The Service Pack supports PET (Platform Event Traps) for Dell
  PowerEdge(TM) "x8xx" systems with a Baseboard Management Controller
  (BMC).

* A DSM policy has been added to format and forward RAC (Remote Access
  Controller) traps to the Enterprise Management (EM) console. Prior
  to this release RAC events were only processed using EM policy.

* BMC IP addresses are discovered and displayed in the "Object
  Properties" window.

* The fixes in patch 3.0.0.0.B and patch 3.0.0.0.C for Dell OpenManage
  Connection for CA Unicenter 3.0 are included in this release.

* The severity of OpenManage Array Manager event 581 has been changed
  from "Warning" in CA Connection 3.0 to "Informational" in
  CA Connection 3.1 Service Pack.

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DELL OPENMANAGE CONNECTION FOR CA UNICENTER, VERSION 3.0
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RELEASE HIGHLIGHTS
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* Dell CA Unicenter Monitor Service was removed as part of the
  Connection Version 3.0 and secondary discovery of Dell agents was
  performed by Distributed State Machine (DSM).

* Event message formatting was no longer performed by the Enterprise
  Management (EM) console and was performed by DSM. Remote access
  controller (RAC) and DRAC II events were formatted by EM Message
  Records.

* Dell objects discovered by CA Unicenter were no longer populated
  into the IT Assistant database. One-to-one management was performed
  using Server Administrator.

* The Connection no longer installed Dell OpenManage systems
  management software applications. Applications had to be installed
  separately to be launched by the Connection.

* Supported only Windows version of CA Unicenter TNG version 2.4 and
  CA Unicenter 3.0.

* Server Administrator support and RAC console launch were added.

* A Business Process View (BPV) was created in WorldView that included

all Dell managed systems.

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November 2007