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DELL OPENMANAGE(TM) IT ASSISTANT VERSION 8.0 README

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IT Assistant provides a central point of access to monitor and manage
systems on a local area network (LAN) or wide area network (WAN).
By allowing an administrator a comprehensive view across the
enterprise, IT Assistant can increase system uptime, reduce
repetitive tasks, and prevent interruption in critical business
operations.

This file contains updated information for your "Dell OpenManage
IT Assistant User's Guide" and any other technical documentation
included with IT Assistant.

You can access all the documentation from the documentation CD or
from the Dell(TM) Support website at "support.dell.com."

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CRITICALITY
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2 - Recommended

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COMPATIBILITY/RECOMMENDED REQUIREMENTS
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Minimum Supported Operating System Requirements for IT Assistant
(by Enterprise Size)

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Small (up to 500 Managed Systems):

 Microsoft(R) Windows(R) XP Professional with SP1
 Windows 2000 with SP4
 Windows Server(R) 2003

Large (500+ Managed Systems):

 Windows Server 2003
 Windows 2000 with SP4

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Recommended Minimum Hardware Configuration for IT Assistant
(by Enterprise Size)
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Small (up to 500 Managed Systems):

 Processor: 1 processor (1.8-GHz minimum)
 Memory: 512 MB
 Disk Space: at least 4 GB

Large (500+ Managed Systems):

 Processor:2 to 4 processors (800-MHz minimum)
 Memory: 1-2 GB
 Disk Space: as much as 10 GB

NOTE: The disk space needed may increase based on the:
     * Number of Dell Update Packages you are importing for software
       update.
     * Number of MSI files you are importing for software
       deployment.
     * Amount of performance monitoring sample data you are
       collecting.

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Recommended Operating System Updates
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* If you have set up WMI discovery and enter incorrect credentials,
  the memory consumed by the IT Assistant services keeps increasing.
  After running for a few days, this could cause IT Assistant
  services to crash due to insufficient memory. This has been traced
  to memory leaks in the underlying COM libraries. Applicable OS:
  Win2000-SP4 issue KB Article:
  http://support.microsoft.com/?kbid=891861
  http://support.microsoft.com/kb/891861/en-us

* If you have set up WMI discovery/performance monitoring, the memory
  consumed by the IT Assistant services keeps increasing. After
  running for a few days, this could cause IT Assistant services to
  crash due to insufficient memory. Applicable OS:
  Win2K3 SP1/WinXP SP2 KB Article:
  http://support.microsoft.com/kb/911262/en-us

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Additional Required Software
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* For Dell/EMC storage arrays, you will need to be sure your array is
  at FLARE(R) version 19 or above. You will also need to install
  Navisphere(R) Secure CLI (version 19 or above) on your management
  station. This CLI software is part of the IT Assistant install.


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Recommended SQL Server Updates
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SQL Server 2000 SP3 is required for using SQL Server 2000 as the
database.

SQL Server 2005 SP1 is required for using SQL Server 2005 as the
database.


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RELEASE HIGHLIGHTS
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* Basic Performance Monitoring
   Provides support for Microsoft Windows and Linux operating
   systems. You can monitor different attributes for various
   categories, such as:
    - CPU
    - Logical disk space
    - Context switches per second
    - Page file
   You can:
    - Configure threshold alerts to indicate excessive utilization,
      as well as under utilization of systems within a prescribed
      time. For example, configure the CPU alert threshold as over
      85% for past five samples.
    - Manage thresholds for a single system or a device group.
    - Configure performance status to roll up into overall system
      health status as displayed in the Devices view.
    - Manage performance alerts as part of the overall event
      management system with the same filters, actions, and so on.

* Intelligent Platform Management Interface (IPMI) Discovery
   You can use IT Assistant to discover systems equipped with IPMI
   1.5 and later baseboard management controllers (BMC) either
   through the in-band (Microsoft Windows Server 2003 R2 operating
   systems) or out-of-band channel:
    - IT Assistant can discover and classify the BMC through IPMI.
    - Categorizing systems as servers without using Dell
      OpenManage Server Administrator enables you to manage them
      efficiently.
    - Discovery troubleshooting support.
    - If Server Administrator is installed, IT Assistant correlates
      the discovered BMC with the Server Administrator agent
      operating on that system.

* Installing Server Administrator
  IT Assistant provides an integrated method to install a Server
  Administrator agent on multiple supported Dell systems. You can
  also upgrade the Server Administrator agent to a new version.
  NOTE: IT Assistant supports Server Administrator deployment only
  for the Windows operating system.

* Favorite Application Launch
  IT Assistant supports launching applications, selected by you,
  for multiple devices or a group of devices, such as storage
  devices.

* Storage Integration
  You can use IT Assistant to discover and monitor Dell|EMC storage
  arrays, as well as to inventory detailed storage data such as
  Array Disks that can be reported using the reporting sub-system.

* Printer Integration
  You can use IT Assistant to discover and monitor printers that
  conform to the standardized printer Management Information Base
  (MIB), as well as to inventory detailed printer information, such
  as printer supplies for which you can create reports by using the
  reporting system.

* Tape Integration
  You can use IT Assistant to discover and monitor Dell tape
  devices, as well as to inventory detailed tape information, such
  as tape drives that can be reported on using the reporting
  sub-system.

* Simple Network Management Protocol (SNMP) Event Source Import
  Utility
  You can import multiple event sources that are not natively
  supported in IT Assistant, into the IT Assistant database.

* Power Control Device
  Support for performing remote power control operations and alert
  processing on Alert Standard Format (ASF) 2.0 compliant devices.

  NOTE: See the system documentation for enabling remote power
  control through ASF.

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INSTALLATION
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(A) First-time Installation of IT Assistant 8.0

See the "Dell OpenManage Installation and Security User's Guide" for
instructions on setting up IT Assistant for the first time on a
system.

(B) Upgrade from IT Assistant 6.x to IT Assistant 8.0

IT Assistant 8.0 does not support a direct upgrade from versions 6.x
or older. To upgrade from version 6.x to 8.0, first install version
7.0, and then apply version 8.0 as an upgrade.

NOTE: During an upgrade from version 6.x of IT Assistant to version
7.0, the installation will preserve the following settings:

(a) Global configuration settings
(b) Discovery configuration settings
(c) Event Stored actions
Any other database information such as custom groups, custom event
filters, or event categories will not be migrated because the
database schema is not compatible with earlier versions of IT
Assistant. To save this information, back up your original database
before upgrading.

(C) Upgrade from IT Assistant 7.0 to IT Assistant 8.0

If you have changed the data that was prepopulated as part of the 7.0
install in the Report and EventSource tables, that you want to
preserve after upgrading to 8.0, take a backup of these tables and
manually restore them after the upgrade.

NOTE: If the CIM protocol was used before an upgrade, after the
upgrade it is important to verify that the CIM credentials are
qualified with a domain or localhost if no trusted domain is
configured (for example, domain\administrator or
localhost\administrator). The CIM credentials can be seen by editing
the imported discovery ranges in the CIM Configuration Pane. If this
is not done, devices will not be discovered through the CIM
protocol.

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USER NOTES
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Software Updates
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NOTE: IT Assistant does not support software update task on the
management station. This is because a software update might require a
reboot that will impact other scheduled tasks being run on the
management station. Perform updates using a "Dell PowerEdge Server
Update Utility" CD after closing the IT Assistant application.


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Software Updates For Linux
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To perform a remote Linux software update, IT Assistant uses Plink
for SSH communication. By default, IT Assistant will pass your
password as a command-line parameter to Plink. Note that this occurs
only on the IT Assistant Server. Passwords are always encrypted
when transferred to the managed system. If you are concerned about
passing passwords through the command line on the IT Assistant
Server, then you can configure the updates to use RSA keys instead of

passwords. A blank password in IT Assistant will trigger SSH
authentication using RSA keys. The  following steps guide you through
the process for creating RSA keys. This process assumes that you are
running an SSH2 server and that you are using RSA2 keys.

1. Run PuTTYgen (or your preferred mechanism) for generating public/
   private key pairs. You can save your private keys (".ppk" files)
   at any location on your system.

   The following is a sample public key that you would put in a file
   that you create called "authorized_keys2 for RSA2 keys."

   ssh-rsa AAAAB3NzaC1yc2EAAAABJQAAAIEAxfMzTwS4Cwnua61h7kiad9l3HvlSeFIYPsZOrCYMuA++
   9mPRraUEtrKNkwdaPKqPnc2/JFHyAxOu31jfUgQqgM2CSqwdr7fuowjseVVPTuG5JdVR1BwUAXlJK/
   Hy1BM+mkKHMuNe0jTrN/gUxcmlA0lHFaFNRjV++AeM15upJsk= rsa-key-20050209

   Linux ships with other utilities for creating public/private key
   pairs. You can download PuTTYgen from the following Web address:
   "http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html"

   Your public keys will go in the following configuration file on
   the Linux system.
   ~/.ssh/authorized_keys2

2. Create this file, if it is not present.

3. You can store your private keys in the directory of your choice.
   For security reasons, it is recommended that you set the
   appropriate permissions for your private key files.

   Here is a sample "sshconfig.pro" file where you will configure the
   names and location of your private keys.
    #server[.user]=<path-to-file>
    #A server-name of global would be appropriate to accommodate a
    network where all or most systems are set up using the same key.
    #global[.user]=<path-to-file>
    global.root=C:\SSH Private Keys\root\global_root_privatekey.ppk
    global.fred=C:\SSH Private Keys\fred\global_fred_privatekey.ppk
    192.168.157.149.root=C:\SSH Private Keys\root\system1_root_privatekey.ppk
    192.168.157.151.fred=C:\SSH Private Keys\fred\system2_fred_privatekey.ppk

4. Copy "sshconfig.pro" to the bin folder of IT Assistant. By
   default, this folder is located at:
   c:\Program Files\Dell\SysMgmt\ItaAssistant\bin directory

   Entering a blank password will trigger the usage of the RSA keys
   instead of passwords. IT Assistant will then attempt to find the
   entry in "sshconfig.pro" file. If IT Assistant can find the system
   and user or global key in the above file, IT Assistant will use
   the ".ppk" file for establishing an SSH connection to the server.
   If IT Assistant cannot find this information, then it will assume
   that you meant to enter a blank password.

   For further documentation on the usage of public keys for

SSH authentication, go to the following Web address:
"http://www.tartarus.org/~simon/puttydoc/Chapter8.html"

4. Creating templates for Import Node List Utility.
   A template can be created in IT Assistant by entering a discovery
   range. To create a template for the Import Node List Utility:

   1) Log in to IT Assistant.
   2) In the "Discovery and Monitoring" menu, select "Ranges."
   3) Right-click "Include Ranges" in the "Discovery Ranges" tree
      and select "New Include Range..."
   4) In the "New Discovery Wizard-Step 1 of 6," select "Host Name."
   5) Enter the template name in "Host Name." (For example,
      template_1).

   Complete the wizard by entering the required protocol
   configurations. The template you have created can be used in
   Import Node List Utility.
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Reports
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*Install Array Manager on the managed systems for retrieving the "Volume Info Report."


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KNOWN ISSUES
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The following are known issues for IT Assistant version 8.0.

* If you attempt to update the BIOS from version A05 or earlier on
  a PowerEdge(TM) 1500SC that has 4 GB of system memory installed,
  the system stops responding on the BIOS post screen. The system
  must be manually rebooted and the BIOS will not be updated. To
  avoid this issue, you can either use the diskette flash method or
  you can temporarily remove some memory before performing the
  update. (148580)

* If you have a Windows Firewall configured on the management station
  or the managed system, the following configuration changes need to
  be done to enable remote Server Administrator CLI and software
  updates to work successfully.
  Management Station:
     1) Open TCP port 135.
     2) Add the application "omremote.exe" (located in
        ITAssistant\bin) to the Firewall exception list.
  Managed System:
     If you have Windows Firewall configured, enable remote
     administration by running the following command in the Command
     Prompt:
         "netsh firewall set service RemoteAdmin"
  For additional information on connecting through the Windows
  Firewall, see the Platform SDK: Windows Management Instrumentation
  (Connecting through Windows Firewall) on Microsoft's MSDN website.
  http://msdn.microsoft.com/library/en-us/wmisdk/wmi/connecting_through_windows_firewall.asp

(141134)

* When running Firefox on Red Hat(R) Enterprise Linux versions 3.0
  and 4.0, the focus on a component may disappear when you hide a
  Modal Dialog. This is a known issue with Java (Issue ID: 6274378).
  To re-gain application focus, click outside the context of the
  browser in which IT Assistant is running, and then click back
  within the IT Assistant User Interface (UI). (146975)

* The preference and help pages on the IT Assistant browser will be
  active only after IT Assistant is completely loaded. (145205)

* If you create a Generic Command Line Task, you cannot enter the
  Server Administrator Command Line executable directly.
  (for example, "omreport system summary"). To create a Server
  Administrator Command Line Task that runs against the system where
  the IT Assistant services are installed, select that system in the
  device selection tree pane and do not enter credentials for the
  task. (139376)

* Dell PowerEdge servers with DRAC III, DRAC III/XT, ERA, or ERA/O
  will be displayed in the IT Assistant Device tree under modular
  systems if the out-of-band SNMP agent property is enabled with
  "racadm." This property is not supported on the DRAC III family and
  will be disabled in the next firmware release. If you see systems
  with a DRAC III card under modular systems, use the racadm
  command-line utility to disable the property with the following
  command:

  Locally on the server with the DRAC card:

  "racadm config -g cfgOobSnmp -o cfgOobSnmpAgentEnable 0"

  Remotely from a management station with the RAC management software
  installed:

  "racadm -r <ipaddress of RAC card> -u <RAC username> -p
   <RAC password> config -g cfgOobSnmp -o cfgOobSnmpAgentEnable 0"
  (139394)

* On Windows 2000, you may see an error message on launching the
  Remote Desktop Connection application using the right-click menu
  option on the Device tree. This issue may occur because older
  versions of the client do not get installed in the system path.
  To correct this problem, install a later version of the Remote
  Desktop Client (6.0.2600.0 or later). You can download the client
  from Microsoft's website at:
  "http://www.microsoft.com/windowsxp/downloads/tools/rdclientdl.mspx."
  (139630)

* When running Mozilla on Linux:
  Using the "View | Reload" (Ctrl + R) command in Mozilla results in
  unpredictable behavior. IT Assistant may reload in some cases, but
  at other times you may see the following message:

"An instance of the IT Assistant console is already running on this device."

To address this issue, close the browser session and open a new session. (132635)

* When name resolution on an IP address to a host name fails using DNS, then IT Assistant attempts to resolve the name using NetBIOS name query. This action may cause the device to appear in IT Assistant with the NetBIOS name even if it does not have a DNS entry. (138013)

* The IT Assistant UI supports the Mozilla browser only on systems running the Linux operating system. On systems running the Windows operating system, the supported browser is Internet Explorer. (137365)

* If you use a special character font (for example, Wingdings(R) or a similar font) for your report name, the report is saved correctly but the name will be displayed as question marks instead of the special character font. To avoid this issue, use only standard fonts for report names. (135701)

* If you have JRE versions 1.3 and 1.5.0 installed on your IT Assistant UI client, and you uninstall an older version of the JRE, the IT Assistant UI may request that you reinstall JRE version 1.5.0. To correct this problem, uninstall JRE version 1.5.0 and then reinstall it by opening the IT Assistant UI. (137304)

For more information on this issue, see bug ID:4994468 on "http://bugs.sun.com."

* When opening the IT Assistant UI, respond to the security certificate challenge box within approximately 5 minutes; otherwise the UI will time-out and fail to load. To correct this problem, close the current UI and re-open it. (102193)

* IT Assistant 8.0 does not work well with operating system schemes that use very large fonts (for example, various "High Contrast" schemes in Windows). Changing the display settings to use such a scheme may cause text in various parts of IT Assistant to appear incomplete or truncated. If you notice this situation, change the Display properties.

To change the Display properties on Windows systems:
1. Click the "Start" button, click "Settings"-> "Control Panel"-> "Display Settings," then select the "Appearance" tab.

2. Select a scheme with smaller fonts.

3. Close the browser and restart IT Assistant to implement the new settings.

On Linux systems, similar problems may occur if the system font
size selected is too large. To correct this issue, select smaller
fonts ("Start"-> "Preferences"-> "Fonts") and restart the
application. (102193)

* To disable mnemonics at the operating system level, close and
restart the IT Assistant browser session. Doing so allows the JRE
to re-load and implement the new settings. (120978)

* When managing an environment with more than 2000 devices, increase
the amount of memory allocated to the JRE heap.

Open the Windows Control Panel and click the "Java" icon to display
"Java Control Panel." Select the "Java" tab. Then click "Java
Applet Runtime Settings | View...." Enter -Xmx256m in the "Java
Runtime Parameters" section. (123581)

* Changing the display "Scheme" option under "Preferences," which
you can access on the topmost IT Assistant menu bar, is not
supported in this version of IT Assistant. (123829)

* When viewing Network Interface Card (NIC) information of Red Hat
Linux systems on the "Details" page, the information may not be
aligned correctly. IP addresses may not align with the correct MAC
addresses, or the IP and MAC addresses may not be displayed at all.
This issue has been fixed in the Red Hat net-snmp package. To
correct this issue, install the latest Red Hat net-snmp package on
the managed system. (131619,74483)

* If you try to open a second session of IT Assistant on the same
system while using the Mozilla browser, an error message is
displayed stating that only one browser session at a time may be
used. Close the second browser session using the Mozilla
"File | Close" command or by clicking the "X" in the top right of
the browser window. Do not click the IT Assistant "Logout" hotlink
on the top Global Navigation bar on the top right of the window. As
only one session is allowed per client, clicking "Logout" would
have the effect of logging out of the first browser session as
well. (131954)

* A registry editor error occurs while opening the IT Assistant UI on
a system with less than the required space. The IT Assistant client
requires 25 MB of available hard-drive space. (132615)

* The reporting system generates the output in Unicode format
("http://www.unicode.org"). To open the CSV reports in Excel(R),
open Microsoft Excel and run the "File | Open" command. Select the
"comma delimited" option to open the report with the data in the
correct columns. (132619)

* When you mouse-over a device in the Topology view, a white box or
flicker may appear instead of the tool tip containing the device
data. (133161)

For more information on this issue, see bug ID:4762705 on
"http://bugs.sun.com."

* "Device Name" is a default field and is present in all reports.
  (134260)

* For Remote Access Controllers (RACs) that have instrumentation
  installed and that are running on the host operating system, the
  RAC IP addresses are shown in the "RACDevice" table. (134365)

* If your browser is set to a language that is different from the
  language setting on the IT Assistant system, you may see both
  languages displayed in the client system. To correct this problem,
  set the browser and the system to the same language. (133691)

* If an alert storm is sending more than 5 traps a second to IT
  Assistant, it could take IT Assistant several minutes to process
  all the alerts. New alerts that are received in the interim will
  not be displayed in the UI until all the alerts in the storm are
  processed.

* Pressing "Next," "Previous," or "Refresh" on the "Alerts" page of
  the UI, while a constant stream of alerts are being processed by
  IT Assistant, may cause the counters in the "Alerts" page of the UI
  to fall short. To correct this problem, click "Refresh" when the
  constant stream of alerts has subsided. The refresh action does not
  impact any alert actions. (134862)

* When creating or updating a task, the stamp for the creation or
  update time is that of the IT Assistant UI. The "Last Run Time"
  displayed on the summary report, however, is the time of the
  IT Assistant Services system. If there is a significant variation
  in the UI and Services system time, it is possible that a
  scheduled task may not execute or show that it was executed before
  it was created.(137997)

* For NIC information on systems, IT Assistant uses the operating
  system's provider(s) to retrieve data rather than Server
  Administrator. This behavior can result in discrepancies in
  reporting NIC information between IT Assistant and Server
  Administrator. For example:

  1. On Linux systems, adapters may be named differently between IT
     Assistant and Server Administrator. For example, IT Assistant
     may report a NIC adapter as "eth0," while Server Administrator
     shows the actual manufacturer name of the NIC.

  2. If more than one NIC card is not configured with an IP address,
     IT Assistant may show only one of the cards with an IP address
     of 0.0.0.0.

  3. IT Assistant may not report disabled NIC adapters.

  4. On Novell(R) NetWare(R) systems, since NetWare reports each NIC

port as a NIC interface entry, IT Assistant may show more NIC
interfaces than are actually present in the system.
(138454)

* IT Assistant may not allow login if the host name/domain name
contains non-standard characters. Standard characters include
letters (A-Z, a-z), digits (0-9), and hyphen (-). For more
information on this issue, see the Microsoft article at
http://support.microsoft.com/default.aspx?scid=kb;en-us;153529.
(152055)

* While performing discovery, if a device is discovered using
"host name," and if its IP Address changes at a later time,
IT Assistant will display two devices after the next discovery
cycle. One device will display the old IP address and status as
Power Down, while the other will display the new IP Address. This
problem is likely to affect systems that have DNS-DHCP IP
addressing and for which the IP addresses frequently change. A
workaround to eliminate duplicate device is to delete the device
with the old IP address. (148069)

* IT Assistant will discover a RAC under the RAC group only if
IT Assistant can communicate out-of-band (bypassing the operating
system) with the SNMP agent on the controller. DRAC III (and
below) do not have this capability, and hence would not be grouped
under the RAC group. DRAC 4 (and above) support out-of-band
communication with the SNMP agent and would get discovered under
the RAC group. (151535)

* The choice of protocols specified for discovering and managing the
devices can result in varying levels of manageability. For
instance, if you choose to manage devices in your network using
only CIM and not SNMP, the devices with only SNMP agent (example
DRAC) will get classified under "Unknown" group and consequently,
you may not get application launch (example RAC console)
functionality for the same. To avoid such issues, make a careful
choice of the protocols while configuring discovery ranges, keeping
in mind the devices (and protocols supported by agents running on
those devices) that you are going to manage. (153729)

* If you change Web Server properties (like the HTTPS port, session
timeout etc.) that require the Web Server to be restarted after
applying changes, manually restart the "IT Assistant Connection
Service" under "Administrative Tools" in the "Control Panel."
Failing to restart the service manually will continue running the
Web Server with old settings. (152604, 152476)

* The processor count in IT Assistant will differ for managed systems
that contain processors with multiple cores or hyperthreading
enabled. The count will differ based on whether the managed system
is discovered using the CIM or SNMP protocol. The systems
discovered using SNMP will report physical processors, and the
systems discovered using CIM will report logical processors.

* After the Java Runtime (JRE) is installed, if you change the
  operating system language of the system from where the IT Assistant
  UI is run (from the Regional and Language Options settings), the
  JRE may fail to load using the new operating system language and
  exit during the IT Assistant startup. For the language changes to
  be supported  by the JRE, un-install it and then launch
  IT Assistant. This will install the JRE with support for the new
  operating system language.

* After installing IT Assistant, if you reinstall the database
  application (Example: MSDE 2000/SQL Server 2000 etc - which is used
  by IT Assistant) then IT Assistant database will be detached from
  the database application. Run the following command manually to
  attach it back to the application.

    NOTE:
        - Below command shows the default location of SQL Server.
          Use the exact path to locate the database files.

EXEC sp_attach_db @dbname = 'ITAssist', @filename1 =
'C:\Program Files\Microsoft SQL Server\MSSQL\Data\ITAssist_Data.MDF',
  @filename2 = 'C:\Program Files\Microsoft SQL Server\MSSQL\Data\ITAssist_Log.LDF'

        - This command can be run directly in SQL Query Analyzer. Or
          on command prompt, run this command by using "OSQL -E."
        - After executing the command, ensure that IT Assistant services
          ("DSM IT Assistant Connection Service" and "DSM IT Assistant
          Network Monitor") are up and running.

* IT Assistant incorrectly associates a stand alone Dell
  PowerConnect(TM) 3448 switch with a modular chassis, as the switch
  Firmware incorrectly reports a non-blank chassis service tag. This
  issue will be corrected in the next Firmware release for the 3448
  switch.

* The password changes on a Windows managed system will not have any
  effect on the performance monitoring task if the connection to the
  managed system has already been established.(DF71103)

* If you are managing a Dell/EMC AX100i (iSCSI) array, see the EMC
  PowerLink website and view the information in Knowledge Base
  article emc136753 for obtaining a FLARE patch. This patch will fix
  a problem with discovering AX100i devices.

* NIC information is not displayed in the device details screen for
  Dell/EMC arrays. Use Navisphere Manager to view these details.

* When using the Broadcom ASF client utility to change Administrator
  or Operator permissions on your client machine, re-discover the
  device in IT Assistant to apply the changes before creating any new
  ASF power control tasks.

* The time displayed in the reports generated by IT Assistant and
  the "Device Summary/Details" page are in the time zone

corresponding to the management station. (75603)

* If you are managing a Dell/EMC storage array, note that you need to
  enter the IP address for only _one_ of the storage processors
  (that is, either SPA or SPB, and not both) in the discovery range.
  The storage processors are redundant and return the same inventory
  data to IT Assistant. If you enter both SPs in the discovery range,
  only one SP will be displayed in the device tree.

* IT Assistant bundles Java Runtime Environment (JRE) plug-in version
  Java 5.0, update 6. If you have Java 5.0 (without any update), or
  below, or no JRE installed, the plug-in installer will install Java
  5.0 update 6. However, if the UI client system has any update (say,
  Java 5.0 update 1) installed, the plugin installer does not update
  the JRE to Java 5.0 update 6. The IT Assistant UI runs with the
  installed JRE version. The workaround is to manually update the JRE
  to Java 5.0 update 6 by pointing the browser to
  https://<host name>:<port number>/jre-1_5_0_06-windows-i586-p.exe.
  (74417)

* On Dell PowerEdge x8xx systems (IPMI 1.5 systems) discovered
  through IPMI, system health will not reflect any redundancy
  information. For example, if one of the redundant power supplies is
  down and the other is available, the system health will still
  indicate green. (78500)

* While browsing the SNMP MIB in the Device details tab, the timeout
  values may have to be changed to enable retrieval of large entries
  from the MIB. The timeout value that controls the MIB retrieval is
  for the range applicable to the device. (SNMP configuration timeout
  in step 3 of the Edit Discovery Wizard.) The request timeout values
  may also need to be changed. (80132)

* IT Assistant will not work as expected if IP version6 is enabled on
  the Management Station. (79768)

* It is not recommended to provide an IPAddress in multiple ranges,
  especially with IPMI Protocol. This could result in duplicate
  devices displayed on the device tree. (78710)

* For discovering systems running SUSE(TM) Linux using SNMP, add the
  following to the snmpd.conf:
  ------------------
  com2sec mynetwork 192.168.1.0/24 public
  group MyRWGroup v1 mynetwork
  view all included .1 80
  access MyRWGroup "" any noauth exact all all none
  --------------
  Ensure to retain the trapsink and the smuxpeer lines in the
  existing conf file. Everything else can be deleted. In the line
  containing "com2sec mynetwork...," substitute the existing address
  with the subnet address your management station is on. For example,
  if your IT Assistant system has an IP address of 143.166.29.117,
  then substitute it with 143.166.29.0. Ensure to retain "/24."

Restart /etc/init.d/snmpd. (81249)

* Pages 19 and 22 of the "Dell OpenManage(TM) IT Assistant User's
  Guide" state that the "OMI-50-MgmtStat-WIN_A00.exe" file needs to
  be downloaded for installing IT Assistant 8.0.

  The correct file name is "OMI-MgmtStat-WIN-510_A00.exe."

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