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Book Descriptions:

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Book Descriptions:

Dell Openmanage Server Assistant Manual

OpenManage Server Assistant CD Some of the functions available on the Dell OpenManage Server Assistant CD are also available on a bootable utility partition that is installed on your hard drive. This section describes how to use the Dell OpenManage Server Assistant CD. It also describes the utility partition and its options. Documentation is available on the documentation CD that came with your system. In the setup mode, the Dell OpenManage Server Assistant main screen gives you the option to choose one of the supported languages as the language for the screen text. You can choose a language at any time from the main screen. Setup Mode The Dell OpenManage Server Assistant main page appears. Service Mode Navigating the CD is accomplished by clicking the mouse on the various icons and text hyperlinks. Click Back to return to the previous screen. Click Exit to exit the program. Exiting the program causes the system to reboot to the standard operating system boot partition. OpenManage Server Assistant CD to run in setup mode. The Dell OpenManage Server Assistant CD guides you through the operating system setup and configuration process. The program prompts you to select the operating system used on the drive and leads you through a stepbystep process to install the operating system. To start the Server Setup program, perform the following steps The Server Setup program takes you through the following tasks Setting the system date and time When implemented, the partition boots and provides an executable environment for the partitions utilities. To select a menu option, you can either use the arrow keys to highlight the option and press or type the number of the menu option. To exit the utility partition, press from the Utility Partition main menu. Table 21 provides a sample list and explanation of the options that appear on the utility partition menu even when the Dell OpenManage Server Assistant CD is not in the CD drive. <http://hickeysheadstonesovens.com/images/inglis-washer-manual.xml>

• 1.0.

The options displayed on your system may vary depending on the configuration. For the full name of an abbreviation or acronym CDROM Boot Diskette. Any combination of characters, excluding spaces, is valid. To assign or change an asset tag number, perform the following steps Table 22 lists the commandline options that you can use with the Asset Tag utility. To use one of the options, type asset and a space followed by the option. It also describes the utility partition and its options and provides instructions for reinstalling the partition if necessary. Product documentation is available on the documentation CD. Setup Mode The Dell OpenManage Server Assistant main page appears. Click the Exit icon to exit the program. Exiting the program causes the system to reboot to the standard operatingsystem boot partition. Server Setup The Dell OpenManage Server Assistant CD guides you through the operating system setup and configuration process. To start the Server Setup feature, perform the following steps When implemented, the partition boots and provides an executable environment for the partitions utilities. To select a menu option, you can either use the arrow keys to highlight the option and press or type the number of the menu option. The options displayed on your system may vary depending on the configuration. For the full name of an abbreviation or acronym Running the RAID Configuration Utility Diskette. Any combination of characters, excluding spaces, is valid. To use one of these options, type asset and a space followed by the option. You begin the operating system installation with this CD if your operating system was not preinstalled on your system. A bootable utility partition on the systems hard drive contains some of the same functionality as the Server Assistant CD. The Dell OpenManage Server Assistant main screen appears. You can navigate the CD by using the mouse to click various icons and text links. <http://archerelectricsupply.com/userfiles/inglis-washer-itw4300sq-manual.xml>

If you exit Server Assistant while in the Server Setup program, the system reboots to the standard operating system boot partition. Locate the operating systems Installation Instructions document and follow the instructions to complete. Follow the instructions on the screen. When you start the utility partition, it boots and provides an executable environment for the partitions utilities. During POST, press after the following message appears To select a menu option, use either the arrow keys to highlight the option and press or type the number of the menu option. To exit the utility partition, press from the Utility Partition main menu. These options are available even when the Server Assistant CD is not in the CD drive. A bootable utility partition on the systems hard drive contains some of the same functionality as the Server Assistant CD. The Dell OpenManage Server Assistant main screen appears. You can navigate the CD by using the mouse to click various icons and text links. If you exit Server Assistant while in the Server Setup program, the system reboots to the standard operating system boot partition. Follow the instructions on the screen. Locate the operating systems Installation. After installing managed system software, if an operating system was previously installed, you will be given the option to boot from the operating system. It is recommended that you eject the CD to avoid booting into Server Assistant setup mode. Also, you can find the guide on the Dell Support website at support.dell.com and at the following location on the Dell PowerEdge Installation and Server Management CD The default ports used by Dell OpenManage IT Assistant are 2606 for the connection service and 2607 for the network monitoring service. These ports are configurable. See Table 21 in this guide for additional details. To force a reinstall Download the installation package for that version from the Dell Support website at support.dell.com. Locate SysMgmt.

msi from the srvadmin\windows\SystemManagement directory and enter the following command at the command prompt to force a reinstall. If you are not sure which features were installed, select all of them and perform the installation. For example, upgrading from Dell OpenManage version 4.3 to version 5.2. For example, upgrading from Dell OpenManage version 4.3 to version 5.2.. For example, upgrading from Dell OpenManage version 5.0 to version 5.2. Should I upgrade my Dell OpenManage 4.3 version with the MSP file It is much smaller in size than the upgrade file. You can either use the MSP file or the new MSI file to upgrade your Dell OpenManage 4.3. Using the MSP file is a good idea as it is more efficient. You cannot upgrade using a MSP service pack file. When I tried to launch the SysMgmt.msi file, it failed. What is wrong If you decide to make your own CD you must ensure that the CD layout stays the same. The SysMgmt.msi file must be located in the \srvadmin\windows\SystemManagement directory on the CD. For more detailed information, go to and search for MEDIAPACKAGEPATH Property. Is there a way to upgrade to the latest version while preserving my managed system software settings Any difference in configuration makes the replication feature unusable. Insert the Follow the If any information is omitted, an unattended installation C:\unattended.txt, C:\txtsetup.oem and select Save Profile for Replication at C:\replication. Reboot the system to complete the installation. The installation interview will be done automatically. Then, insert See the readme file \srvadmin\windows\PreReqChecker\readme.txt on the Dell PowerEdge Installation and Server Management CD for detailed information about how to use the Prerequisite Checker. WSH is installed during operating system installation, by default. WSH can be configured to prevent the running of scripts with a.VBS extension. WSH is installed during operating system installation, by default.

<http://www.drupalitalia.org/node/68527>

Go to the following location for the current WSH to download How do I do that In general, it is not a good idea to bypass the prerequisite information as there could be important information that you would not know otherwise. Select the link for support information. Any difference in configuration makes the replication feature unusable. Insert the Follow the installation interview, If any information is omitted, Reboot the system to complete the installation. The installation interview will

be done automatically. Then, insert For convenience, they are captured in one of the following directories corresponding to a supported Red Hat Enterprise Linux operating system To avoid this warning, you should mount the CD or package, and import the key using a command such as the following The checker uses a combination of RPM dependency checks and Dell hardware checks. All peripheral packages, except the standalone DRAC support, require all or most of the RPMs in this directory to be installed. This RPM is needed for legacy Server Administrator applications. Server Administrator Instrumentation Service provides fault management information, prefailure information, and asset and inventory information to management applications. The Instrumentation Service monitors the health of the system and provides rapid access to detailed fault and performance information about the hardware on supported systems. The Instrumentation Service requires installation of systems management device drivers. To run diagnostics on your system, install Dell PowerEdge Diagnostics from your Dell PowerEdge Service and Diagnostic Utilities CD or download and install Dell PowerEdge Diagnostics from the Dell Support website at support.dell.com. Dell PowerEdge Diagnostics is a standalone application that can be run without installing Server Administrator. All Server Administrator RPMs require this RPM.

<https://institutolagranja.com/images/Craftsman-22304-Manual.pdf>

This includes a managed node server daemon, a CLI tool named racadm, and the shared library these components require. The following table displays the daemons that typically run for a full install The following table displays the kernel modules loaded when Server Administrator is started. Operating systemspecific installation prerequisites are listed as part of the installation procedures. Have your operating system CD available and continue with the next steps. Locate the operating systems Installation Instructions document that was provided with your system and follow those instructions to complete the installation process. On a system running supported Windows operating systems, clicking this icon brings up the standard installation interface. On a system running a supported Red Hat Enterprise Linux or SUSE Linux Enterprise Server operating system, clicking this icon runs the Server Administrator custom installation script. After you confirm that you want to continue, all Server Administrator files, including the icons, are removed. These are now part of my testing environment and although not exactly cuttingedge technology, they do the job just fine. Incidentally, these servers are an excellent choice for a home lab as you can find them dirt cheap especially on eBay. No issues whatsoever. I used this custom Dell ESXi ISO image to mitigate against missing drivers and I now have both servers running in a cluster. Note that the R310 is not supported by VMware for 6.5 use. This means you lose support should you require it. You can read my How to use VMware compatibility tools post to learn on how to rule out hardware and software compatibility issues. These tools will help you to better manage your Dellbased server and network infrastructure. The one product I'll be covering today is Dell OpenManage Server Administrator, OMSA for short.

<https://cottonsauction.com/images/Craftsman-22304-Manual.pdf>

The first step is to install a VIB on ESXi which reports back to a free OMSA Web Server component installed separately on a Windows server. Optionally, you can also install the OpenManage Integration for VMware vCenter appliance on vCenter Server which gives you access to features other than what's available via the Web Server. The Integration appliance can be evaluated, fully, for a 90day period up to 5 hosts. You'll find that there's a corresponding version for every ESXi release. In my case, I selected 8.5 since I'm deploying it to ESXi 6.5. The latter is the preferred option when you have a sizable amount of hosts to patch, or deploy VIBS to. If ESXi is vCenter managed, use the vSphere Web client or the HTML5 vSphere client instead. For standalone instances, use the embedded host client. Alternatively, use an SCP client to transfer the VIB file to the host. Substitute datastore with the name of the datastore to which the OMSA VIB has been uploaded. The host will reboot once it's done installing. To do this, we first need to add the Dell patch repository link to the

list of download sources. First, using the vSphere Web client, click on the Update Manager icon on the Home screen and click again on the vCenter Server name. In the Source URL field type. The Description is optional. Press OK. You should see several versions of the OpenManage VIBs listed as shown next. Select the Host Extension option for the baseline type. Press Next. Since I'm deploying to ESXi 6.5, I selected Open Manage 8.5.0 for ESXi650 as shown. Press Next, and Finish on the subsequent dialog screen, to complete the baseline creation process. On the next dialog box, select the previously created host baseline 5 and click OK. To install the VIB, click on the Remediate button. The patches that need applying are marked with a redcross icon In this case, we select Extension Baselines and tick the checkbox next to Dell Software, the host baseline we created earlier. Press Next to continue.

Press Next. In this example, there's just one to choose from which is automatically selected for you. Press Next. You can also suppress warnings related to unsupported hardware and configurations. Press Next. These include the option to disconnect media devices from virtual machines such as mounted ISOs, which may prevent ESXi from entering maintenance mode. It's best to leave the settings to their default. Press Next. Optionally, clicking on the Precheck Remediation allows you to analyze the effects of the remediation task. The host will enter maintenance mode after a short while. It will then reboot when the OMSA VIB finishes installing. Once the host is back online, it will exit maintenance mode when the remediation task completes. Both components will enable you to connect and manage the Dell Server hosting your ESXi instance. Here's a taster of what's next. If so, please let me know how you got on. If you've experienced any problems with the steps above, I'm here to help out. I'm here to help you! Download Now Prior to joining Altaro as a blog writer and QA tester, I was employed as an infrastructure engineer at a cloud services provider working exclusively with VMware products. The Altaro VMware blog enables me to share the experience and knowledge gained and, much to my surprise, is what got me the vExpert 2017 award. Besides being a techie and a science buff, I like to travel and play guitars. I also do some photography and love having a go at playing the occasional XBOX game, Halo being my absolute favourite. I am also a proud father of two and parent to a crazy Dachshund called Larry. If you run an install, it will likely just say that it needs to be updated though. Additionally, through the Alert Management tab you can configure actions to execute whenever an alert is triggered.

Unfortunately there is no vehicle for applying uniform notifications to all events, so we are going to provide a script which configures all the alert actions to send an email notifying you of the respective event. While you could set these up manually, having a script is ideal as you can easily deploy this across multiple servers. There is a setup command which sets each alert to "Execute application" with the application being the script itself. When the script runs, it simply generates an email by using the the Blat tool with the computer name, date, time and alert triggered. This software, if not provided with your system, is downloadable through Dell's support site. To configure Blat, just download the binary files and extract them 3 total blat.exe, blat.dll, blat.lib to a location in your system's PATH variable, such as your Windowssystem32 folder. Then from the command line, run For the most part this command is all you need to run, but if your server has a special configuration alternate port, etc., you can see the full install options on Blat's website. If your server requires authentication to relay, you will have to add these parameters to the Blat command as documented in the script. As part of the setup, a sample alert is triggered so you can make sure the emails are reaching the intended recipients. TITLE Dell Hardware Email Alert. ECHO Dell Hardware Email Alert. ECHO Written by Jason Faulkner. ECHO SysadminGeek.comREM Alert Message. REM Message to send.REM Blat command line emailer is configured and working on the current system. REM If your email server requires authentication to relay, see comments below. REM Email addresses to send alerts to comma separated. SETLOCAL EnableExtensions. GOTO EndREM If your email server requires authentication to relay. REM add the following to the end of the line below. REM u UserName pw Password. GOTO EndECHO This will replace all the current Dell Server

Assistant alerts with a call. ECHO to this script.

To confirm you want to continue, enter YES case sensitive. ECHO Configuring alerts to use %ScriptPath%ECHO %ToEmail%. CALLAlert Testing Dell hardware alert warnings. Depending on your Dell server hardware and Server Assistant version, the alerts may vary. Generally, you can tell when you run the setup script if an event is not valid for your server for example, if you don't have Dell RAID controllers as some of the storage event creation items will fail. Since we launched in 2006, our articles have been read more than 1 billion times. Want to know more. Please check your inbox, and if you can't find it, check your spam folder to make sure it didn't end up there. Please also check your spam folder. For at reducere risikoen for elektrisk stød, bør en professionel servicetekniker frakoble alle strømforsyningskabler, for systemet serviceres. Sahkoiskuvaaran pienentämiseksi ammattitaitoisen huoltohenkilön on irrotettava kaikki virtajohdot ennen järjestelmän huoltamista. Unnga fare for stød En erfaren servicetekniker må koble fra alle strømledninger for det utfores service på systemet. En behørig servicetekniker måste koppla loss alla natkabler innan service utfors for att minska risken for elektriska stötar. If the CDRom Perform the following steps if the server requires If the server does not require thirdparty disk When Press F6 displays at the bottom of Insert the thirdparty driver disk into the floppy drive and press. Repeat these steps if additional driver disks are needed; otherwise, The server The Personalize your software screen Select the licensing When the Computer Name and Administrator Password screens display, enter the appropriate Name and Password for this server. Applied For the strongest system Enter the appropriate Select Custom The Networking Components screen displays. Highlight If no existing IP Click Next.

Wait a few moments for Remove any disks After 30 days, you must activate When you log on for the first time, a Windows Setup window displays and prompts To do so, insert Window Server This feature blocks all Click Update this server to download and install the latest For information on the necessary configuration If this server will be a Terminal Services server. Reproduction in any manner whatsoever without the written permission of Dell Computer Corporation is strictly forbidden. Trademarks used in this text Dell, the DELL logo, and PowerEdge are registered trademarks, Dell OpenManage is a trademark, and DellWare is a registered service mark of Dell Computer Corporation; Intel and Pentium are registered trademarks and MMX and Intel386 are trademarks of Intel Corporation; Microsoft, Windows, MSDOS, and Windows NT are registered trademarks of Microsoft Corporation; Novell and NetWare are registered trademarks of Novell, Inc.; ASPI is a registered trademark of Adaptec, Inc.; VESA is a registered trademark and VLBUS is a trademark of Video Electronics Standards Association; Adobe is a trademark of Adobe Systems Incorporated. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Dell Computer Corporation disclaims any proprietary interest in trademarks and trade names other than its own. WARNING There is a danger of a new battery exploding if it is incorrectly installed. Replace the battery only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturers instructions. When Using Your Computer System As you use your computer system, observe the following safety guidelines Be sure your monitor and attached peripherals are electrically rated to operate with the AC power available in your location. To help prevent electric shock, plug the computer and peripheral power cables into properly grounded power sources.

These cables are equipped with threeprong plugs to help ensure proper grounding. Do not use adapter plugs or remove the grounding prong from a cable. If you must use an extension cable, use a threewire cable with properly grounded plugs. To help protect your computer system from sudden, transient increases and decreases in electrical power, use a surge suppressor, line conditioner, or uninterruptible power supply UPS. Be sure nothing rests on your computer systems cables and that the cables are not located where they can be stepped on or tripped over. Do not spill food or liquids

on your computer. Do not push any objects into the openings of your computer. Doing so can cause fire or electric shock by shorting out interior components. Keep your computer away from radiators and heat sources. Also, do not block cooling vents. Avoid placing loose papers underneath your computer; do not place your computer in a closed-in wall unit or on a rug. Ergonomic Computing Habits **WARNING** Improper or prolonged keyboard use may result in injury. For comfort and efficiency, observe the following ergonomic guidelines when setting up and using your computer system. Position your system so that the monitor and keyboard are directly in front of you as you work. Special shelves are available from Dell and other sources to help you correctly position your keyboard. Make sure the monitor screen is at eye level or slightly lower when you are sitting in front of the monitor. When Working With Your Computer Before you remove the computer cover, perform the following steps in the sequence indicated. **CAUTION** To help avoid possible damage to the system board, wait 5 seconds after turning off the system before removing a component from the system board or disconnecting a peripheral device from the computer. 1. Touch an unpainted metal surface on the chassis, such as the metal around the cardslot openings at the back of the computer, before touching anything inside your computer.

While you work, periodically touch an unpainted metal surface on the computer chassis to dissipate any static electricity that might harm internal components. 2. Turn off your computer and any peripherals. 3. Disconnect your computer and peripherals from their power sources. Also, disconnect any telephone or telecommunication lines from the computer. **CAUTION** Do not attempt to service the computer system yourself, except as explained in this guide and elsewhere in Dell documentation. Always follow installation and service instructions closely. Adjust the tilt of the monitor, its contrast and brightness settings, and the lighting around you such as overhead lights, desk lamps, and the curtains or blinds on nearby windows to minimize reflections and glare on the monitor screen. Use a chair that provides good lower back support. Keep your forearms horizontal with your wrists in a neutral, comfortable position while using the keyboard or mouse. Always leave space to rest your hands while using the keyboard or mouse. Let your upper arms hang naturally at your sides. Sit erect, with your feet resting on the floor and your thighs level. When sitting, make sure the weight of your legs is on your feet and not on the front of your chair seat. Adjust your chair's height or use a footrest, if necessary, to maintain proper posture. Vary your work activities. Try to organize your work so that you do not have to type for extended periods of time. When you stop typing, try to do things that use both hands. Doing so reduces the potential for personal injury or shock. In addition, take note of these safety guidelines when appropriate. When you disconnect a cable, pull on its connector or on its strain-relief loop, not on the cable itself. Some cables have a connector with locking tabs; if you are disconnecting this type of cable, press in on the locking tabs before disconnecting the cable. As you pull connectors apart, keep them evenly aligned to avoid bending any connector pins.

Also, before you connect a cable, make sure both connectors are correctly oriented and aligned. Handle components and cards with care. Don't touch the components or contacts on a card. Hold a card by its edges or by its metal mounting bracket. Hold a component such as a microprocessor chip by its edges, not by its pins. **WARNING** There is a danger of a new battery exploding if it is incorrectly installed. Protecting Against Electrostatic Discharge Static electricity can harm delicate components inside your computer. To prevent static damage, discharge static electricity from your body before you touch any of your computer's electronic components, such as the microprocessor. You can do so by touching an unpainted metal surface on the computer chassis. As you continue to work inside the computer, periodically touch an unpainted metal surface to remove any static charge your body may have accumulated. You can also take the following steps to prevent damage from electrostatic discharge (ESD). When unpacking a static-sensitive component from its shipping carton, do not remove the component from the antistatic packing material until you are ready to install the component in your computer. Just before unwrapping the antistatic packaging, be sure to discharge

static electricity from your body. When transporting a sensitive component, first place it in an antistatic container or packaging. Handle all sensitive components in a staticsafe area. If possible, use antistatic floor pads and workbench pads. The following caution may appear throughout this document to remind you of these precautions CAUTION See Protecting Against Electrostatic Discharge. Users who want to use the utilities, the diagnostics, or the online documentation, or who want to install drivers for their operating system, should read Using the Dell OpenManage™ Server Assistant CD.

Everyone should read the first few sections of Installing and Configuring SCSI Drivers to find out which small computer system interface SCSI device drivers if any are required for a particular system configuration. Users who need to install and configure particular SCSI device drivers should then read the appropriate section for their operating system. Everyone should read the first several sections of Using the System Setup Program to become familiar with this important program. Technical Specifications summarizes the technical specifications of the PowerEdge 1300. Maintaining the System describes preventive maintenance procedures that you should perform regularly to keep the system in top operating condition. Regulatory Notices is for users who are interested in which regulatory agencies have tested and approved the Dell PowerEdge 1300 systems. Warranty, Return Policy, and Year 2000 Statement of Compliance describes the warranty and return policy for Dell PowerEdge 1300 systems. It also provides information about year 2000 compliance of Dellbranded hardware products. Glossary provides definitions of terms, acronyms, and abbreviations used in this guide. For information about the Dell warranty for your system, see Warranty, Return Policy, and Year 2000 Statement of Compliance. Other Documents You May Need In addition to this Users Guide, the following documentation is included with your system The Installation and Troubleshooting Guide provides instructions for installing system hardware and includes troubleshooting and diagnostic procedures for testing your computer system. The HP OpenView Network Node Manager Special Edition x.x With Dell OpenManage HIP x.x Users Guide describes the alert messages issued by the server management software. You may also have one or more of the following documents Operating system documentation is included with the system if you ordered the operating system software from Dell.

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