Microsoft® Windows® Essential Business
Server® 2008 for Dell™ PowerEdge™ Systems

Installing Windows Essential Business Server 2008

Notes and Cautions

NOTE: A NOTE indicates important information that helps you make better use of your computer.

⚠ **CAUTION: A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.**

Pre-Installation Requirements

You can install Microsoft® Windows® Essential Business Server® 2008 operating system either by using the Unified Server Configurator (USC) or the *Dell System Management Tools and Documentation* media. Before you begin, ensure that you have:

- The *Microsoft Getting Started* document that is shipped with your operating system documentation
- The *Dell Systems Management Tools and Documentation* media, or a system that includes USC
- The *Microsoft Windows Essential Business Server 2008* Installation media
- Completed both the **Windows Essential Business Server Planning** and the **Windows Essential Business Server Preparation** wizards and make the required changes to your network. For more information, see the *Getting Started* document

⚠ **CAUTION: The following installation procedure erases all data on your hard drive. It is recommended that you backup all important data before you begin installation.**

✎ **NOTE:** Any or all of the server systems can be installed up to the point of beginning the **Windows Essential Business Server** wizard. Do not continue working with the **Windows Essential Business Server** wizard until prompted to do so by the prior system. The Essential Business Server based systems are configured in this order: management server (Disk 2), security server (Disk 3), and messaging server (Disk 4).

✎ **NOTE:** If the server system(s) did not originally ship from Dell as part of your Windows Essential Business Server order, or did not come with a Windows 2008 operating system pre-installed from Dell, further software activation may be required. See additional information about using OEM media located at the Dell documentation website at **dell.com/ostechsheets**.

Using the Unified Server Configurator

1 Connect the keyboard, monitor, mouse, and any peripherals to the system that you have chosen to configure as the management server.

2 Turn on the system and the attached peripherals.

3 Press <F10> to enter **System Services**.

   The **Unified Server Configurator** (USC) menu launches with several options.

4 Select **OS Deployment**.

   The **Configure RAID now or Go directly to OS deployment** screen is displayed.

5 Configure RAID at this time. Or if RAID is already configured, select **OS deployment**, and click **Next**.

   <u>**NOTE:**</u> Ensure that the RAID is properly configured to enable the desired Windows Essential Business Server 2008 configuration. For information on recommended partition sizes and configurations, see the Getting Started document and other reference documentation from the Microsoft support website at **support.microsoft.com**.

   The **Select Operating System** screen is displayed with a list of compatible operating systems.

6 Choose **Microsoft Windows Essential Business Server 2008**, and click **Next**.

   <u>**NOTE:**</u> If the Windows Essential Business Server 2008 operating system is not present in the list, select **Windows Server 2008 x64**.

7 Insert the operating system media when prompted, and click **Finish** to reboot the system.

8 To ensure that you boot from the operating system media, press <F11> and select the **DVD drive** or press a key when prompted.

9 In the **Install Windows** screen, select the appropriate option for **Language, Time and Currency Format,** and **Keyboard or Input Method**.

10 Click **Next** to continue.

11 In the **Operating System Install** screen, select the operating system you want to install, and click **Next**.

The **License Agreement** window appears.

12 Read the information carefully. If you agree with all of the information, select **I accept the license terms** and then click **Next.**

13 At the **Which Type of Installation Do You Want** screen, click **Custom (advanced)**, if it is not selected already.

The **Disk Partition** is displayed.

14 Select the partition on which you want to install Windows Essential Business Server 2008 and click **Next**.

The **Installing Windows** screen is displayed and the installation process begins.

⚠ **CAUTION: The system may reboot several times after the operating system portion of the installation completes. The Windows Essential Business Server Installation wizard begins immediately. *DO NOT* cancel the wizard. Cancelling the wizard may require a complete reinstallation of the system. If the system must be turned off or rebooted, power off the system or press <Shift><F10> to get the command prompt screen. Enter** `shutdown -s`**. The wizard restarts when the system comes up.**

15 Complete the instructions in the **Windows Essential Business Server Installation** wizard.

For detailed instructions, see **Windows Essential Business Server 2008** in the Library section of the Microsoft Technet website at **technet.microsoft.com** or the *Getting Started Guide* shipped with your system.

16 Repeat step 1 to step 16 on each additional system, as instructed in the **Windows Essential Business Server Installation** wizard.

Using the *Dell Systems Management Tools and Documentation* Media

1 Connect the keyboard, monitor, mouse, and any additional peripherals to the system that you have chosen to configure as the management server.

2 Turn on the system and the attached peripherals.

3 Insert the *Dell Systems Management Tools and Documentation* media into the optical drive.

4 Press <F2> when prompted to run the setup utility.

   The **BIOS Settings** screen is displayed.

5 Using the arrow keys, scroll to **Boot Sequence** and press <**Enter**>.

6 Configure the **CD ROM drive** to be the first boot option.

7 Press <**Esc**> to exit the **BIOS Setting** screen.

   The system now prepares to boot from the optical drive. The following message is displayed:

   Press any key to boot from CD or DVD. Press any key to continue.

   The *Dell Systems Management Tools and Documentation* media menu launches with several options.

8 Select **Dell Systems Build and Update Utility**.

   The system now boots from the selected option. This may take several minutes depending on the speed of the drive.

   The **Dell Systems Build and Update Utility** screen is displayed.

9 In the **Single Server Solution** section, select the **Server OS Installation** option.

   The **Select Operating System** screen is displayed with a list of compatible operating systems.

10 Choose **Microsoft Windows Essential Business Server 2008**. Ensure **Create Utility Partition** option is checked if you want to create a utility partition.

   ⫴ **NOTE:** If the Windows Essential Business Server 2008 operating system is not present in the list, select **Windows Server 2008 x64**.

11 Click **Continue**.

The **Configure or Skip RAID** screen is displayed. If RAID has been configured, the screen displays the existing RAID configuration details.

12 Select **Skip Raid Configuration or i**f RAID is not yet configured, configure it at this time.

📝 **NOTE:** Ensure that the RAID is properly configured to enable the desired Windows Essential Business Server 2008 configuration. For information on recommended partition sizes and configurations, see the *Getting Started* document and other reference documentation from the Microsoft support website at **support.microsoft.com.**

13 Click **Continue**.

The **Installation Summary** screen is displayed. The selected installation options are displayed.

14 To change the installation options, click **Back** and change them. If the options displayed are accurate, click **Continue.**

The **Server OS Installation** screen is displayed and the operating system installation begins.

⚠ **CAUTION: The Dell Systems Build and Update Utility screen prompts you to remove the media after all the installation settings are finalized. Remove the *Dell Systems Management Tools and Documentation* media. The system reboots to local hard drives and then prompts for the *Windows Installation* media. Do not boot directly to the optical drive at this stage.**

15 Click **Finish** after you have inserted the *Windows Essential Business Server 2008 Management Server* installation media in the optical drive.

The system may display messages during installation.

16 Press **OK** to continue with installation.

⚠ **CAUTION: All system partitions are erased along with all data on the local hard drives.**

To complete the remainder of the installation, see the documentation that is shipped with your software or go to the Microsoft support website at **support.microsoft.com**.