

STUDENT ACTIVITY 6.1_KEY: IDENTIFY STEPS IN THE STARTUP PROCESS

MTA Course: 98-365 Windows Server® Administration Fundamentals

Topic: Identify Steps in the Startup Process

File name: WinServerFund_SA_6.1_Key

Lesson Objective

6.1: Identify steps in the startup process. This objective may include but is not limited to: BIOS; bootsector; bootloader; MBR; boot.ini; bcdedit; POST; Safe Mode

Resources, software, and additional files needed for this lesson

- Windows® Server 2008® R2 (Windows 7® Professional can be substituted)

Directions to the student

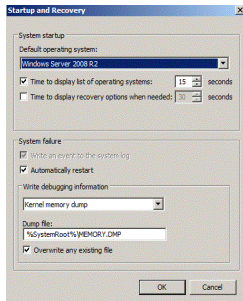
Complete the following activity. Have your instructor verify upon completion.

Content

Modifying the Boot Configuration Data (BCD) Store

1. Log onto your Windows Server 2008 R2 as Administrator.
2. Click **Start→Control Panel→System and Security→System** and click on the **Advanced system settings**.
3. In the Startup and Recovery section click on the **Settings** button near the bottom of the dialog box.

4. Change the **Time to display list of operating systems** from 30 seconds to 15 seconds (see below).



5. Click **OK** to close the Startup and Recovery dialog box and **OK** again at the System Properties dialog box.

Using BCDEdit.exe to Verify timeout Modification and Other Settings

1. Click **Start→All Programs→Accessories** and right-click on the **Command Prompt** and select **Run as administrator**.
2. At the command prompt, type **bcdedit** and press Enter.
3. In the Windows Boot Manager section, what is the timeout's value?
 - a. Answer: 15 seconds _____
4. In the Windows Boot Manager section, what is the device path for the {bootmgr} identifier?
 - a. Answer: partition=\Device\HarddiskVolume1
5. In the Windows Boot Loader section, what is the file used as the boot loader in the path?
 - a. Answer: winload.exe
6. In the Windows Boot Loader section, what is the *systemroot* setting?
 - a. Answer: \Windows
7. At the command prompt type **bcdedit /timeout 22** and press Enter.
8. Type **bcdedit** and press Enter.
9. In the Windows Boot Manager section, what is the timeout's value?
 - a. Answer: 22 seconds

Have your instructor verify your answers upon completion.