10

Product Computer Software

10.1 Overview

Your computer hardware and ground electronics are provided with all required software installed; however, this chapter provides instructions should you need to install or upgrade the software.

See the following sections for more information:

- ◆ *"Windows Configuration and Settings" on page 139*
- ◆ *"Changing the System Time" on page 168*
- ◆ *"Setting the Time Zone" on page 168*
- ◆ *"Daylight Saving Time" on page 170*
- ◆ *"Burn a CD" on page 170*
- ◆ *"Enable NTP Server" on page 181*
- ◆ *"Installing Third-Party Software" on page 196*
- ◆ *"Installing or Updating the Product System Software" on page 211*
- ◆ *"Opening the System Console" on page 222*
- ◆ *"Troubleshooting a Linux/Windows or Windows Installation" on page 225*
- ◆ *"Mapping the B Drive" on page 238*
- ◆ *"Verify a Drive Mapping" on page 240*
- ◆ *"12. TeamViewer" on page 247*
- ◆ *"14. DHCP Server Configuration" on page 269*

10.2 Windows Configuration and Settings

This section describes the following Windows settings:

- ◆ *"Windows Automatic Updates" on page 139*
- ◆ *"Windows Password Lock on Idle" on page 142*
- ◆ *"Windows Power Settings" on page 146*
- ◆ *"Anti-Virus Protection Software" on page 153*
- ◆ *"Windows Firewall" on page 158*
- ◆ *"Check for Windows Updates" on page 165*

> **NOTE** *Windows 7 and Windows 10 are the supported operating systems.*

10.2.1 Windows Automatic Updates

Windows Automatic Updates must be disabled to ensure the system functions properly without interruption.

See the following sections for instructions:

- ◆ *"Windows 7" on page 140*

♦ *"Windows 10" on page 140*

10.2.1.1 Windows 7

This section describes how to disable Windows 7 automatic updates.

To disable automatic updates:

⟶ **Windows 7 computer** ⟶ **Desktop**

1 Check prerequisites:
   ✓ None
2 Click **Start** ⟶ **All Programs** ⟶ **Windows Update**.
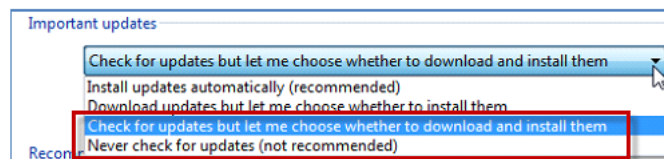**3** In the left pane, click **Change settings**.

Figure 10–1 Windows Automatic Updates

4 Click one of the following options:
   ● Check for updates but let me choose whether to download and install them
   ● Never check for updates
5 Click **OK**.

10.2.1.2 Windows 10

This section describes how to disable Windows 10 automatic updates.

To disable automatic updates:

⟶ **Windows 10 computer** ⟶ **Desktop**

1 Check prerequisites:
   ✓ None

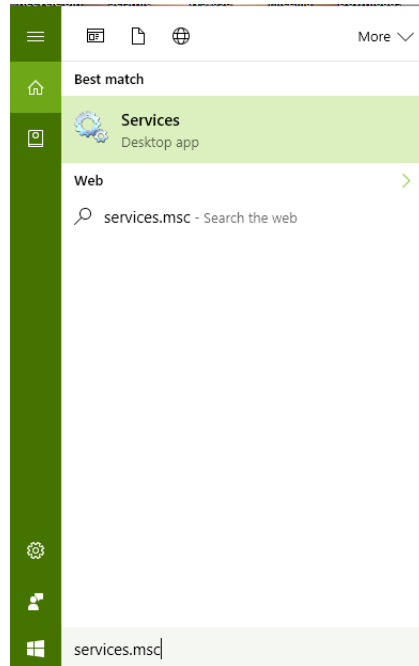**2**   In the **Windows** search box, type `services.msc`.

Figure 10–2 Windows 10, services.msc

3   Click **Services**. Click **Yes** at the security prompt.

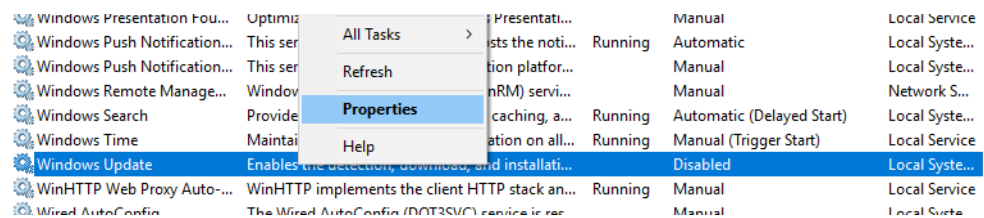**4**   The **Services** window opens.

Figure 10–3 Windows 10, Services Windows Update

5   Scroll down and then right-click **Windows Update**.

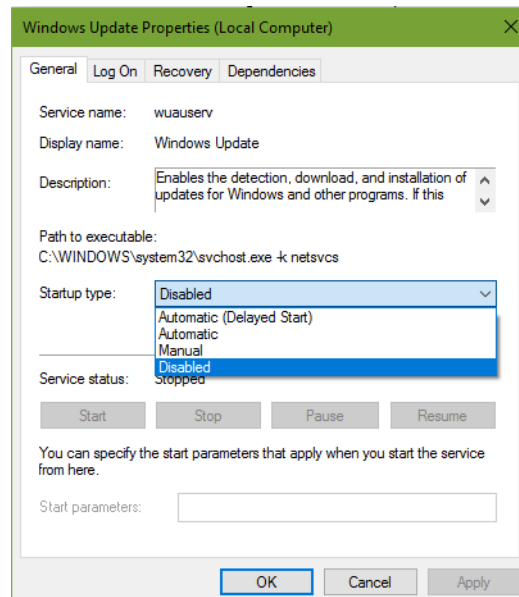**6** Click **Properties**. The **Windows Update Properties** window opens.

Figure 10–4 Windows 10, Windows Update Properties

7 Select the **Startup Type** of **Disabled**.

8 Click **Apply**.

9 Click **OK**.

10 Close the **Services** window.

> **✎ NOTE**   *If you need to install Windows Updates, you must change this setting to Manual. For instructions, see "Enable Windows Automatic Updates" on page 166.*

10.2.2 Windows Password Lock on Idle

Requiring a password to recover from an idle condition (sleep or screen saver) must be disabled to ensure the system functions properly without interruption.

See the following sections for instructions:

♦ *"Windows 7" on page 142*

♦ *"Windows 10" on page 143*

10.2.2.1 Windows 7

This section describes how to disable the Windows 7 password lock.

To disable password lock:

⟶ **Windows 7 computer** ⟶ **Desktop**

1 Check prerequisites:

     ✓ None

2   Click **Start** ⟶ **Control Panel**.

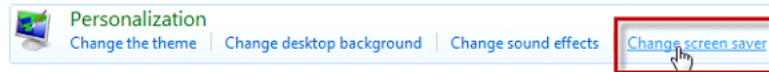**3**   Click **Appearance and Personalization**

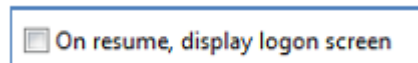*Figure 10–5 Windows Change Screen Saver*

4   Click **Change screen saver**.

Figure 10–6 Windows Screen Saver Login Check Box

5   Clear the **On resume, display logon screen** check box.

6   Click **OK**.

10.2.2.2 Windows 10

This section describes how to disable the Windows 10password lock.

To disable password lock:

⟶ **Windows 10 computer** ⟶ **Desktop**

1   Check prerequisites:
     ✓ None

2   In the **Windows** search box, type `screen`.

3 Click **Turn screen saver on or off**. The **Screen Saver Settings** window opens.
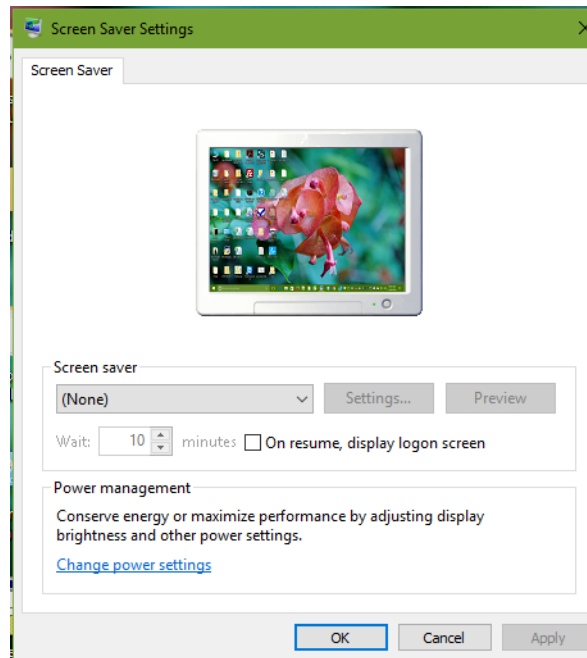

Figure 10–7 Windows 10, Screen Saver Settings

4 Make the following selections:
- **Screen saver – None**
- **On resume, display login screen** check box – **Cleared**

5 Click **OK**.

6 In the **Windows** search box, type `settings`.

7   Click **Settings**. The **Settings** window opens.
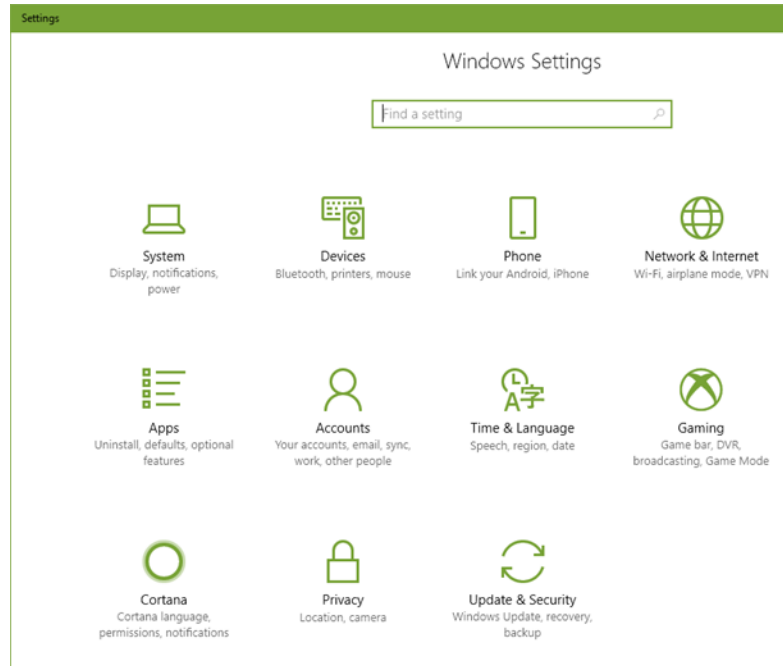

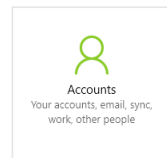*Figure 10–8 Windows 10, Settings*

Figure 10–9 Windows 10, Settings, Accounts

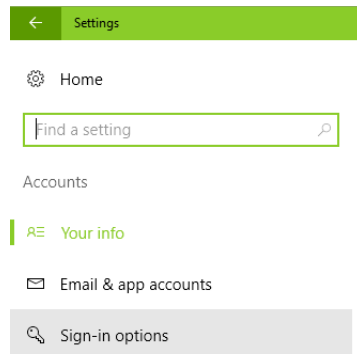**8**   Click **Accounts**. The **Settings** window opens.

Figure 10–10 Windows 10, Settings, Sign-in Options
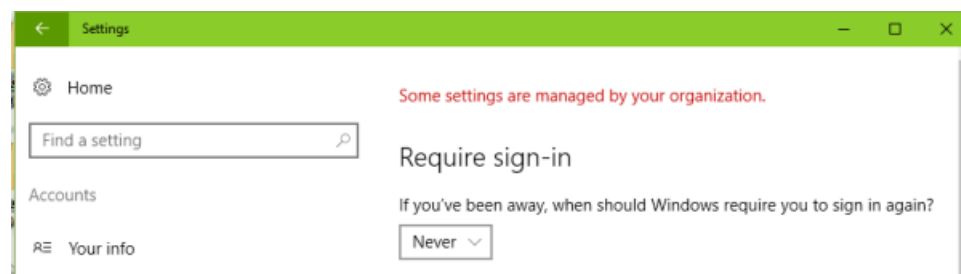
9   Click **Sign-in options**.

Figure 10–11 Windows 10, Settings, Require Sign-in

10 In the **Require sign-in** area, select **Never**.

11 Close the **Settings** window.

10.2.3 Windows Power Settings

If the Windows server computer goes into an idle state, the drives used in the **File System Manager** could become unavailable. If this happens, there could be errors when attempting to write date to the drive, or open a file from the drive. To prevent this situation, change the **Windows Power Options** settings so that the hard drive does not sleep.

See the following sections for instructions:

♦   *"Windows 7" on page 146*
♦   *"Windows 10" on page 148*

10.2.3.1 Windows 7

This section describes how to change the Windows 7 power options.

To change the Windows Power Options:

⟶ **Windows 7 computer** ⟶ **Desktop**

1   Check prerequisites: