

*Intel® System Management Software*

## **Resolving IPMI Driver Conflicts in Windows Server 2003 R2**

### ***Problem***

The Microsoft\* IPMI driver and the Intel IPMI driver should not be loaded at the same time. If both drivers are installed, a resource contention in communication to the BMC will occur and will result in unreliable operation.

By default, installing Microsoft Windows\* Server 2003 R2 will not install the “Hardware Management” component. This Windows component consists of the WS-Man Service, an IPMI WMI provider, and the Microsoft IPMI driver.

Installing Intel® System Management Software will install the Intel IPMI driver. A conflict will then occur if the optional Windows Hardware Management component is also installed.

### ***Solution***

Do not install the Hardware Management component, or, if already added, uninstall the Microsoft IPMI driver.

### ***Steps to Uninstall the Microsoft IPMI Driver***

Use one of the following methods to uninstall the Microsoft IPMI driver:

- Uninstall the Hardware Management component
- Uninstall the Microsoft IPMI driver from the Windows Device Manager
- Uninstall the Microsoft IPMI driver from the command line

#### **Method 1: Remove the Microsoft IPMI driver by uninstalling/removing the Hardware Management component.**

To uninstall the Hardware Management component (including the Microsoft IPMI driver), perform the following steps (see Figure 1):

1. Click **Start**, and then click **Control Panel**.  
The **Control Panel** window appears.
2. Double-click **Add or Remove Programs**.  
The **Add or Remove Programs** window appears.
3. Click **Add/Remove Windows Components**.  
The **Windows Components Wizard** window appears.
4. Under **Components** click to highlight **Management and Monitoring Tools**.
5. Click the **Details** button.  
The **Management and Monitoring Tools** window appears.
6. Click the check box to uncheck **Hardware Management**.
7. Click the **OK** button.  
The **Management and Monitoring Tools** window disappears.
8. Click the **Next** button.  
Hardware Management is uninstalled.
9. Click the **Finish** button.

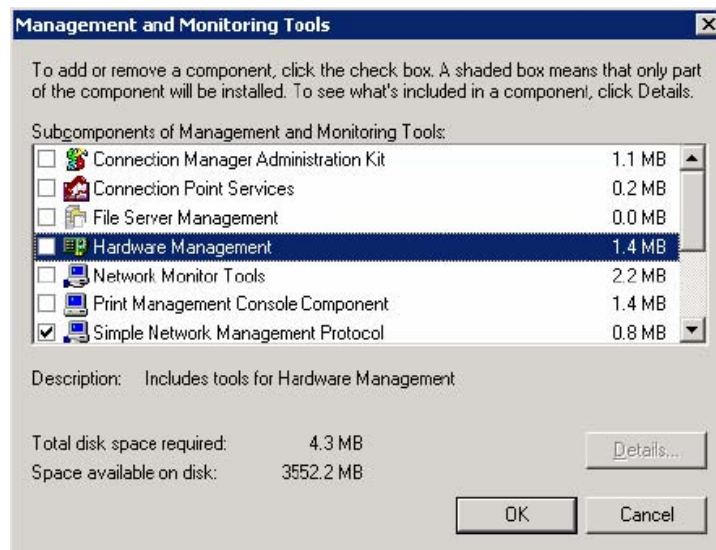


Figure 1 - Uninstall/Remove the Hardware Management Component

## Method 2: Remove the Microsoft IPMI driver from the Windows Device Manager

To remove the Microsoft IPMI driver, perform the following steps (see Figure 2):

1. Click **Start**, and then click **Control Panel**.  
The **Control Panel** window appears.
2. Double-click **Administrative Tools**.  
The **Administrative** window appears.
3. Double-click **Computer Management**.  
The **Computer Management** window appears.
4. Under **System Tools** click to highlight **Device Manager**.  
Systems devices appear on the right pane.
5. Right-click **Microsoft Generic IPMI Compliant Device** under **System Devices** in **Device Manager**, and then click **Uninstall**.

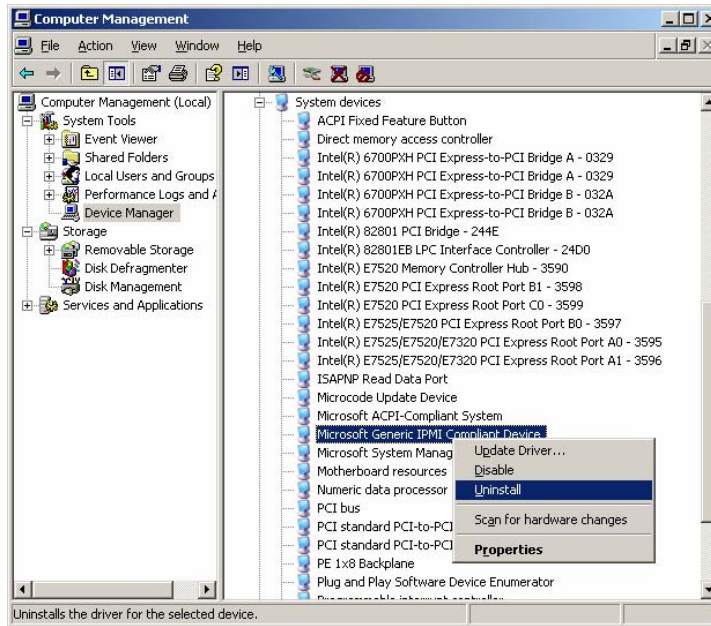


Figure 2 - Remove the Microsoft's IPMI driver from the Device Manager

**Method 3: Remove the Microsoft IPMI driver by executing a command from the command prompt.**

To remove the Microsoft IPMI driver from the command line, perform the following steps (see Figure 3):

1. Click the **Start** button, point to **All Programs, Accessories**, and then click **Command Prompt**. The **Command Prompt** window appears.
2. At the prompt, type:  
**Rundll32 ipmisetp.dll, RemoveTheDevice**.
3. Press <Enter>.

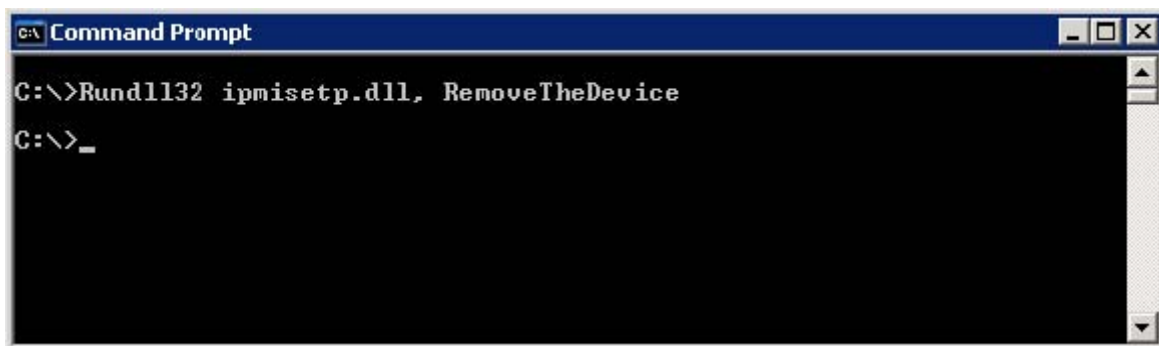


Figure 3 - Remove the Microsoft's IPMI Driver from the Command Prompt

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