

DISABLE USB POWER SAVING AND SELECTIVE SUSPEND MODE (DISABLESELECTIVESUSPEND) (WINDOWS 7)

This is handy for disabling the power scheme that may take your USB device offline at the most annoying times. This can also be set via registry settings and eventually by a GPO - KB Article: <http://support.microsoft.com/kb/895962>;

This procedure describes how to modify the following registry setting:

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\USB
```

Entry: DisableSelectiveSuspend

Type: DWORD

Value: 1 disables selective suspend mode. 0 enables selective suspend mode.

NOTES

This procedure may reduce the battery life on a portable computer.

This setting affects all USB host controller drivers in the system. If the value of the **DisableSelectiveSuspend** registry entry is set to 1, selective suspend mode is turned off. Additionally, the **Allow the computer to turn off this device to save power** check box does not appear on the **Power Management** tab for the USB root hub.

Click **Start**, click **Run**, type regedit, and then click **OK**.

Locate and then click the following registry subkey:

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services
```

On the **Edit** menu, point to **New**, and then click **Key**.

Type **USB** for the name of the subkey, and then press **ENTER**.

Click the following registry subkey:

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\USB
```

On the **Edit** menu, point to **New**, and then click **DWORD Value**.

Type **DisableSelectiveSuspend** for the name of the DWORD, and then press **ENTER**.

Right-click **DisableSelectiveSuspend**, and then click **Modify**.

In the **Value data** box, type 1, and then click **OK**.

Exit Registry Editor.

ALTERNATE

In **Power options**, click **Change advanced power settings**.

In the **Power Options** dialog box, expand USB settings, and then expand USB selective suspend setting.

If you want to enable **Windows 7** to turn on the USB root hub when the computer is running on battery power, click **Disabled** in the **On battery** list.

If you want to enable **Windows 7** to turn on the USB root hub when the computer is plugged in to a power outlet, click **Disabled** in the **Plugged in** list, and then click **OK**.