

Environment

- BlackBerry® 7130 Series
- BlackBerry® 7200 Series of devices
- BlackBerry® Pearl™ 8100 smartphone
- BlackBerry® 8700 Series of devices
- BlackBerry® 8707g device
- BlackBerry® 8707v device
- BlackBerry® 8800 smartphone
- BlackBerry® Desktop Software 4.1 and later
- Microsoft® Windows® 2000
- Microsoft® Windows XP
- Microsoft® Windows Vista
- Computer or laptop computer with an Intel® 486 or higher processor

Note: Research In Motion (RIM) provides some support for the tethered modem; the installation of the Standard Modem Driver is supported. See KB05178 for more details about support for the tethered modem.

Important: Contact your service provider to obtain the user name and password you require to configure dial-up networking. Also, ask your service provider if additional charges are incorporated when connecting to the Internet using the BlackBerry device as a tethered modem.

Procedure

A BlackBerry device (with tethered modem capability) can be used as an external modem to connect a computer or laptop computer to the Internet.

Summary of Tasks

To set up a tethered modem, complete the following tasks:

1. Install BlackBerry Desktop Software 4.1 or later (one time only).
2. Set up the Internet Access Point Name (APN) (one time only).
3. Configure dial-up networking (one time only).
4. Connect the BlackBerry device to BlackBerry Desktop Manager.
5. Connect to the Internet using dial-up networking.

Task 1

Install BlackBerry Desktop Software 4.1 or later on the computer.

When you install BlackBerry Desktop Software, the drivers that enable the BlackBerry device to communicate through the USB port and virtual COM port are installed. The Standard Modem, which is used by dial-up networking, is also installed.

Note: If you are upgrading your BlackBerry Desktop Software from version 4.0 to 4.1, the required Virtual COM Port and Standard Modem might be removed during the upgrade process. If this is the case, re-install the BlackBerry Desktop Software 4.1 or later and choose the **Repair** option to re-install these components.

Task 2

Set up Internet APN.

On Windows 2000 or XP Operating System, follow the instruction below:

1. Go to **Start > Settings > Control Panel**.
2. Double-click **Phone and Modem Options**.
3. In the Phone and Modem Options window, click the **Modems** tab.
4. Select **Standard Modem** and click **Properties**.
5. In the Standard Modem Properties window, click the **Advanced** tab.
6. In the **Extra initialization commands** field, type the following:

```
+cgdcont=1,"IP","www.xlgprs.net"
```

Note: If you do not know your Internet APN, or if you do not have an Internet APN, contact your service provider.

7. Click **OK**.
 8. In the Phone and Modem Options window, click **OK**.
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Task 3

To configure dial-up networking, complete the procedure that corresponds with the operating system you are using.

Windows XP Operating System

1. Go to **Start > Settings > Network Connections**.
2. Double-click **New Connection Wizard**. The New Connection Wizard opens.
3. Click **Next**.
4. Select the **Connect to the Internet** option. Click **Next**.
5. Select **Set up my connection manually**. Click **Next**.
6. Select **Connect using a dial-up modem**. Click **Next**.
7. If the Select a Device screen appears, select the **Modem - Standard Modem** check box. Click **Next**.
8. In the **ISP Name** field, type a name for your connection. Click **Next**.
9. In the **Phone number** field, type ***99#** or **Click Next**.
10. Indicate which users will have access to the connection. Click **Next**.
11. Type the **user name = xlgprs** and **password = proxl**. Click **Next**.
12. Click **Finish**.
13. In the Connect window, click **Properties**.
14. In the Properties window, verify that **Modem - Standard Modem** appears beneath the **Connect using** heading, and then click **Configure**.
15. In the Modem Configuration window, clear the **Enable hardware flow control** check box and make sure none of the other check boxes are selected. Click **OK**. In the Properties window, click **OK**.

Windows 2000 Operating System

1. Go to **Start > Settings > Control Panel**.
2. Double-click **Network and Dial-up Connections**.
3. Double-click **Make New Connection**. The Network Connection Wizard opens.
4. Click **Next**.
5. Choose **Dial-up to private network**. Click **Next**.
6. In the **Phone number** field, type ***99#**. Click **Next**.
7. Indicate which users will have access to the connection. Click **Next**.
8. Type a name for your connection. Click **Finish**.
9. In the Connect window, click **Properties**.
10. In the Properties window, verify that **Modem - Standard Modem** is selected, and then click **Configure**.
11. In the Modem Configuration window, clear the **Enable hardware flow control** check box and make sure none of the other check boxes are selected. Click **OK**.
12. In the Properties window, click **OK**.

Task 4

Connect the BlackBerry device to the computer and verify that BlackBerry Desktop Manager displays **Connected**. The BlackBerry device must be identified by BlackBerry Desktop Manager in order for the modem to establish a connection.

Important: BlackBerry Desktop Manager must be running for the tethered modem to function.

Note: If Microsoft Outlook® is not operating in cache mode, you might receive a message indicating that BlackBerry Desktop Manager cannot contact the messaging server. If this message appears, click **Cancel** to proceed.

Task 5

Connect to the Internet using dial-up networking.

Note: During this procedure, do not operate the BlackBerry Browser or any third-party applications on the BlackBerry device. An active data session may interfere with the modem connection. Also, make sure an ethernet connection is not active at the same time.

1. Connect the BlackBerry device to the computer.
2. Open BlackBerry Desktop Manager.
3. Click **Start > Settings > Network Connections > <name of your new connection>**.
4. Type the user name and password provided by your service provider.
5. Click **Dial**.