



Transcript-Configuring 3G WAN Module on Cisco 800M Series Integrated Services Router Using Cisco Configuration Professional Express.

The Cisco 800M Series Integrated Services Router comes with CCP Express pre-installed on the router-flash. This video shows how to configure the router using CCP Express. The first step in configuring your router is connecting a laptop to the router through an Ethernet port. Make sure that the laptop is not connected to any other network.

Next, make sure that the laptop is configured as a DHCP client of the router. The laptop must not be configured with any static IP address.

To verify that the laptop is a DHCP client, go to Control Panel, and click Network and Internet.

Click View Network Status and Tasks.

Click Local Area Connection.

Click Properties. Select 'Internet Protocol Version 4(TCP/IPV4).

Click Properties.

If the laptop is configured with a static IP address, deselect it and select 'Obtain an IP address Automatically'.

Next, use the ipconfig/all command to check whether the laptop has acquired an IP address. Note down the IP address of the default gateway. For this video demonstration, the IP address is 10.10.10.1.

Type the IP address of the default gateway at the browser's address bar. CCP Express prompts you to enter a username and password. The default username is "cisco" and the default password is "cisco."



After you enter the username and password correctly, click Log in. You will be asked to create a new user. Create a new user by entering the username and password.

After you create a new user, log into CCP Express using the newly created username and password. After logging in, you see the CCP Express main page. In the CCP express main page, run the Setup wizard.

The Setup wizard provides two options. Quick Setup Wizard and Advanced Setup Wizard.

Click on the Quick Setup Wizard. The wizard takes you to the Welcome screen. Read all instructions at this screen before you move to the next screen. Click Get Started.

In the Basic settings, specify the router name, domain name, and time zone. Click Next.

Next you configure the WAN connection. Choose 3G/4G from the drop-down list. When you choose the WAN connection type, the interface is automatically selected.

Choose Enable Persistence if you want to create a dialer based persistent configuration.

In the DNS Configuration section, both options are already selected. Do not change this setting unless you want to add a static IP address for DNS. If you want to setup the DNS configuration manually, uncheck the box. The primary DNS IP address is mandatory.

Enable NAT is recommended, so do not uncheck it. Choosing Enable NAT creates a NAT overloading configuration that enables the translating of all LAN IPs to public IPs before they are sent to the WAN uplink.

Next you configure the Modem firmware. Modem firmware is selected by default. To change the modem firmware, select the firmware from the drop-down list and click Activate Firmware. It may take a while before the firmware is activated.

After you select the modem firmware, configure profile information. Enter the Access Point Name (APN) provided by the service provider for GSM profile configuration. This step is applicable only for GSM configuration. GSM configuration options are available only if the selected firmware is UMTS.

If there are two SIMs installed on your router, specify the technology for both of them. The SIM switch automatically when your network switches from CDMA to GSM. If you specify SIM technology for both the SIMs, you don't need to manually change the firmware. That happens automatically when the network changes.

Next you enable the Backup WAN. Select the WAN connection type from the drop-down list. Based on your requirement, you can select either Serial or Ethernet. Click Next. The LAN Configuration page displays the detailed information about the LAN configuration. Click Next.

Next, select 'Enable firewall features' and then select 'Create policy which allows a basic traffic' to configure security features. Click Next.

The Quick Setup Wizard Summary page displays the summary of your configuration.

Click 'CLI preview' to display the command line configuration.

Finally, click Submit button.

Click Yes.



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The configuration task using the Quick Setup Wizard is complete and a completion message appears. To check the status of the WAN connection, click Test WAN connection.

You have successfully configured the WAN connection.

For detailed documentation of this procedure, see Cisco Configuration Professional 3.1. feature guide.

Thanks for watching.