

使用DSL网络服务，设置思科小型企业VoIP路由器

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[简介](#)

本文是一系列协助设置、排错和维护Cisco小型企业产品文档中的一篇。

Q. [使用DSL网络服务，如何设置思科小型企业VoIP路由器？](#)

A.

多数DSL供应商使用以太网点对点协议(PPPoE)为了建立最终用户的互联网连接。为了设置思科小型企业路由器，您需要启用在路由器的基于Web的设置页的PPPoE。

为了设置有DSL连接的一个思科小型企业路由器，请执行这些步骤：

- 验证互联网连接

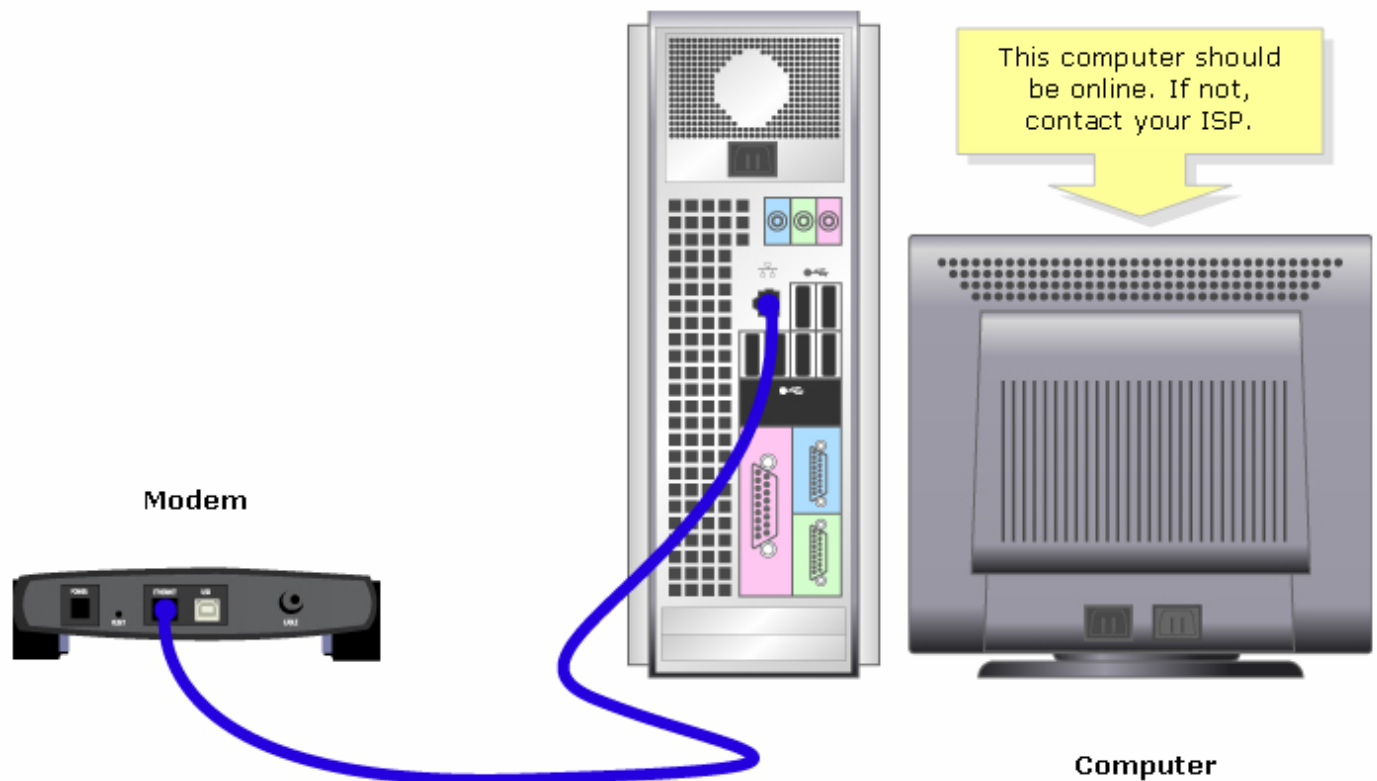
- 一起连接设备

- 检查LED

设置在思科小型企业路由器的DSL ISP

验证互联网连接

使用以太网电缆连接宽带调制解调器到计算机，不用安装路由器，并且确保互联网连接是活动的。否则，请与您的互联网服务提供商联系。



注意：镜像可能根据您使用的计算机和调制解调器变化。

一旦活动互联网连接通过调制解调器被建立，请完成在下一部分的步骤为了连接调制解调器和计算机到路由器。

一起连接设备

在您验证后您有活动互联网连接，请连接调制解调器到路由器的互联网端口和计算机对任何四个以太网端口。

在您连接设备后，请完成在下一部分的步骤为了检查LED。

检查LED

在您连接您的调制解调器和PC到路由器后，请检查在路由器的前面板的灯。

在您检查路由器的LED后，请完成在下一部分的步骤为了配置静态IP帐户的路由器。

设置在思科小型企业路由器的DSL ISP

步骤 1：

访问路由器的基于Web的设置页。如需指导，请点击[这里](#)。

步骤 2：

当路由器的基于Web的设置页出版时，请寻找本地IP地址并且更改它到"192.168.2.1"为了避免IP地址冲突。

Setup

Setup

Wireless

Security

Access
Restrictions

Applications
& Gaming

Administration

Status

Voice

Basic Setup

DDNS

MAC Address Clone

Advanced Routing

Internet Setup

Internet Connection Type

Obtain an IP automatically

Optional Settings (required by some ISPs)

Host Name:

Domain Name:

MTU:

Auto

Manual

Size:

Network Setup

Router IP

Local IP Address:

Subnet Mask:

Change Local
IP Address to
"192.168.2.1"

Basic Setup

The Basic Setup screen is where basic configuration is performed. Some ISPs (Internet Service Providers) will require that you enter the DNS information. These settings can be obtained from your ISP. After you have configured these settings, you should set a router password from the Administration-Management screen.

步骤 3 :

单击。

步骤 4 :

更新计算机的IP地址。

步骤 5 :

访问路由器的基于Web的设置使用"192.168.2.1"作为IP地址。

步骤 6 :

当路由器的基于Web的设置页出版时，请点击**状态**，然后检查**Internet IP地址**是否有编号或值。如果**Internet IP地址**有编号，计算机应该当前能访问互联网。

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Status

Setup | Wireless | Security | Access Restrictions | Applications & Gaming | Administration | **Status** | Voice

Router | Local Network | Wireless | Voice

Information

Firmware Version:

Current Time: **Not Available**

MAC Address: **00:00:00:00:00:00**

Status

Login Type: **DHCP**

Internet IP Address: **0.0.0.0**

Subnet Mask: **0.0.0.0**

Default Gateway: **0.0.0.0**

DNS 1: **0.0.0.0**

DNS 2: **0.0.0.0**

DNS 3: **0.0.0.0**

MTU: **1500**

Router Status

This screen provides the Router's current status information in a read-only format.

Login Type
This field shows the Internet login status. When you choose PPPoE as the login method, you can click the **Connect** button to log in. If you click the **Disconnect** button, the Router will not dial up again until you click the **Connect** button.

If your connection is DHCP or Static IP, the Status screen will show you the Internet IP Address, Subnet mask,

[More...](#)

DHCP Release | DHCP Renew

注意：如果Internet IP地址是所有零(0.0.0.0)单击 **DHCP Release** ，则单击 **DHCP Renew** 。如果Internet IP地址仍然是所有零(0.0.0.0) ，请启用在路由器的PPPoE。为了启用在路由器的PPPoE ，请完成下面步骤。

步骤 7：

当路由器的基于Web的设置页出版时，在设置下请寻找互联网连接连接类型。选择在下拉菜单箭头的PPPoE。

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Setup

Setup | **Wireless** | Security | Access Restrictions | Applications & Gaming | Administration | Status | Voice

Basic Setup | DDNS | MAC Address Clone | Advanced Routing

Internet Setup

Internet Connection Type

PPPoE (Selected)

User Name: _____

Password: _____

Connect on Demand: Idle Timeout _____ Min.

Keep Alive: Redial Period _____ Sec.

Optional Settings (required by some ISPs)

Host Name: _____

Domain Name: _____

MTU: Auto Manual Size: _____

Basic Setup

The Basic Setup screen is where basic configuration is performed. Some ISPs (Internet Service Providers) will require that you enter the DNS information. These settings can be obtained from your ISP. After you have configured these settings, you should set a router password from the Administration->Management screen.

Completing the Internet

步骤 8:

如果需要，输入用户名和密码您的ISP在用户名和密码字段提供了您，包括在用户名的域例如 yourusername@isp.net。

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Setup

Setup | **Wireless** | Security | Access Restrictions | Applications & Gaming | Administration | Status | Voice

Basic Setup | DDNS | MAC Address Clone | Advanced Routing

Internet Setup

Internet Connection Type

PPPoE

User Name: yourusername@isp.net

Password: _____

Connect on Demand: Idle Timeout _____ Min.

Keep Alive: Redial Period _____ Sec.

Optional Settings (required by some ISPs)

Host Name: _____

Domain Name: _____

MTU: Auto Manual Size: _____

Basic Setup

Enter your username for your ISP with "@isp.net" where "isp" is the name of your Internet Service Provider then type your password.

The Basic Setup screen is where basic configuration is performed. Some ISPs (Internet Service Providers) will require that you enter the DNS information. These settings can be obtained from your ISP. After you have configured these settings, you should set a router password from the Administration->Management screen.

Completing the Internet

步骤 9 :

单击。

步骤 10 :

点击状态，寻找洛金状态，然后检查是否说已连接。如果它连接，您应该能访问互联网。

The screenshot shows the Linksys router's status page. The top navigation bar includes 'Status' and 'Voice'. The 'Status' menu is selected, showing sub-options for Router, Local Network, Wireless, and Voice. The main content area displays the 'Router Status' information, including Firmware Version, Current Time, MAC Address, Login Type (PPP), and Login Status (Disconnected). A yellow callout box points to the 'Status' menu item with the text 'Click Status.'. Another yellow callout box points to the 'Connect' button with the text 'Check Login Status if it says Connected.'. At the bottom, there are buttons for 'DHCP Release' and 'DHCP Renew'. A right-hand sidebar provides additional information about the Router Status and Login Type.

注意：如果登录状态显示断开，请点击 ，则检查是否收到错误消息。为了解决错误消息，请参见下面链路。

解决PPPoE错误错误消息

当设置您的路由器时的PPPoE的四个可能的错误消息。

相关信息

- [技术支持和文档 - Cisco Systems](#)