

# 使用DSL Internet設定小型企業VoIP路由器

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## 簡介

本文是系列文章中的一篇，旨在協助安裝、疑難排解和維護Cisco Small Business產品。

**[問：如何使用DSL網際網路服務設定思科小型企業VoIP路由器？](#)** A.

大多數DSL提供商使用乙太網點對點協定(PPPoE)為終端使用者建立Internet連線。要設定思科S系列路由器，需要在路由器的基於Web的設定頁面上啟用PPPoE。

要設定具有DSL連線的思科小型企業路由器，請執行以下步驟：

- 檢驗Internet連線

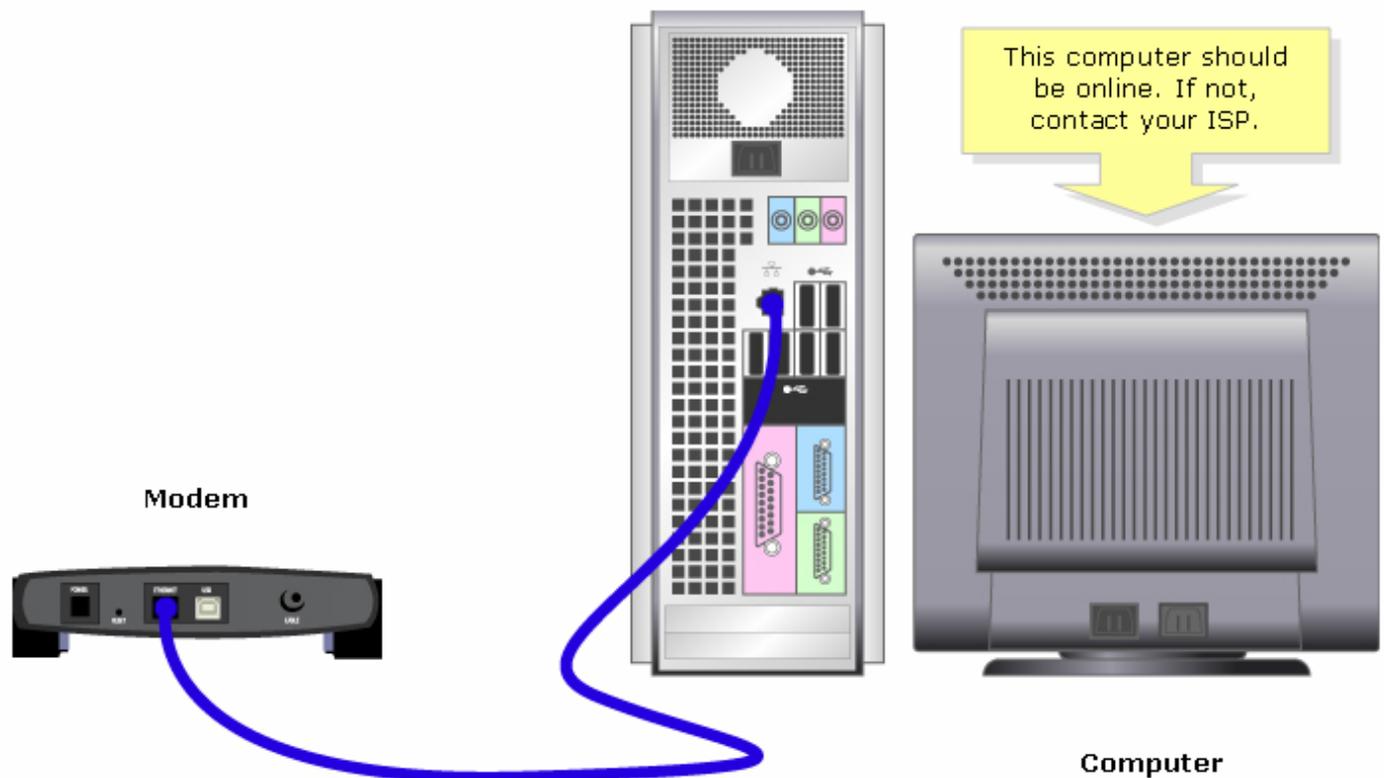
- 將裝置連線在一起

- 檢查指示燈

在思科小型企業路由器上設定DSL ISP

### 檢驗Internet連線

使用未安裝路由器的乙太網電纜將寬頻數據機連線到電腦，並確保網際網路連線處於活動狀態。如果沒有，請聯絡您的網際網路服務提供商(ISP)。



**附註：** 影象可能因您使用的電腦和資料機而異。

一旦通過數據機建立了活動的Internet連線，請完成下一節中的步驟，將數據機和電腦連線到路由器。

### 將裝置連線在一起

驗證您有活動的網際網路連線後，將數據機連線到路由器的Internet埠，將電腦連線到四個乙太網埠中的任何一個。

連線裝置後，請完成下一節中的步驟以檢查LED。

### 檢查指示燈

將數據機和PC連線到路由器後，檢查路由器前面板上的指示燈。

檢查路由器的LED後，完成下一節中的步驟，為路由器配置靜態IP帳戶。

### 在思科小型企業路由器上設定DSL ISP

#### 第1步：

訪問路由器的基於Web的設定頁。有關說明，請按一下 [此處](#)。

#### 第2步：

當路由器的基於Web的設定頁出現時，請查詢本地IP地址，並將其更改為「192.168.2.1」以避免IP地址衝突。

**LINKSYS**  
A Division of Cisco Systems, Inc.

**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:

Local IP Address: 192 . 168 . 2 . 1

Subnet Mask: 255 . 255 . 255 . 0

**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

步驟3: 按一下 **Save Settings**。第4步: 續訂電腦的IP地址。第5步: 使用「192.168.2.1」作為IP地址訪問路由器的基於Web的設定。第6步: 當路由器的基於Web的設定頁面出現時, 按一下Status, 然後檢查Internet IP Address是否有數字或值。如果Internet IP地址有數字, 電腦現在應該能夠訪問Internet。

**LINKSYS**  
A Division of Cisco Systems, Inc.

**Status**

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

Router | Local Network | Wireless | Voice

**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...](#)

Firmware Version:

Current Time: **Not Available**

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

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**

DHCP Release | DHCP Renew

附註：如果Internet IP Address全為零(0.0.0.0)，請按一下， **DHCP Release** 然後單 **DHCP Renew** 擊。如果Internet IP地址仍然全部為零(0.0.0.0)，請在路由器上啟用 PPPoE。要在路由器上啟用PPPoE，請完成以下步驟。**第7步：** 當路由器的基於Web的設定頁面出現時，在**Setup**下查詢Internet Connection Type。從下拉選單箭頭中選擇PPPoE。

**LINKSYS**  
A Division of Cisco Systems, Inc.

**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** (Select PPPoE.)

User Name:

Password:

Connect on Demand: Idle Timeout  Min.

Keep Alive: Redial Period  Sec.

Host Name:

Domain Name:

MTU:  Auto  Manual Size:

**Optional Settings (required by some ISPs)**

**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

**第8步：** 在User Name和Password欄位中輸入您的ISP提供的使用者名稱和密碼，包括使用者名稱中的域（如有必要），如yourusername@isp.net。

**LINKSYS**  
A Division of Cisco Systems, Inc.

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

Password:

Connect on Demand: Idle Timeout  Min.

Keep Alive: Redial Period  Sec.

Host Name:

Domain Name:

MTU:  Auto  Manual Size:

**Optional Settings (required by some ISPs)**

**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

**第9步：** 按一下 **Save Settings**。**步驟10：** 按一下「**Status**」，尋找「**Login Status**」，然後檢查它是否顯示「**Connected**」。如果已連線，您應該能夠訪問Internet。

**LINKSYS**  
A Division of Cisco Systems, Inc.

**Status**

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

Router | Local Network | Wireless | Voice

**Information**

**Status**

Firmware Version:  
Current Time:  
MAC Address:

Login Type: PPP  
Login Status: **Disconnected**

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...](#)

附註：如果Login Status顯示Disconnected，請按一下  然後按一下，檢查是否收到錯誤資訊。要解決錯誤消息，請參閱下面的連結。**解決PPPoE錯誤消息**在路由器上設定PPPoE時可能會出現四個錯誤消息。

## 相關資訊

- [技術支援與文件 - Cisco Systems](#)