將A類和B類子網客戶端連線到RV016、RV042、 RV042G和RV082 VPN路由器

目標

本文檔介紹如何將具有A類和B類子網的兩個客戶端連線到RV042、RV042G和RV082 VPN路 由器。用於表示此情況的拓撲如下:



適用裝置

- · RV016
- · RV042
- · RV042G
- · RV082

軟體版本

· v4.2.2.08

連線多個子網中的客戶端

IPv4	IPv6		
LAN Setti	ng		
MAC Addr	ess : 54:75	:D0:F7:FC:38	
Device IP	Address :	192.168.1.1	
Subnet Ma	ask:	255.255.255.224	v
Multiple S	ubnet :	🗹 Enable	Add/Edit
Subnet 1	:	192.168.2.1/255.2	55.255.0

步驟 2. 選中Enable 覈取方塊以啟用多個子網。

步驟 3.按一下Add/Edit以新增或編輯多個子網。出現Multiple Subnet Management視窗。

LAN IP Address :		
Subnet Mask :		
	Add to list	
10.0.0.1/255.255.252.0		^
		~
	Delete Add New	
OK Cancel	Close	

步驟 4.在「LAN IP Address」欄位中輸入LAN地址。 例如,如果您希望配置與目標中所示的 配置相同,請輸入10.0.0.1。

步驟 5.在Subnet Mask欄位中輸入子網掩碼。對於上述示例,請輸入255.255.252.0。

步驟 6.按一下「Add to List」,在清單中輸入欄位。

步驟7.(可選)要刪除子網,請從表中選擇該子網,然後按一下Delete。

步驟 8.完成後按一下Save以儲存設定。

驗證設定

注意:此配置僅適用於Windows作業系統

步驟 9.在第一個客戶端的搜尋欄中鍵入cmd,並選擇相應選項以開啟「命令提示符」視窗。

Programs (1)		
cmd		
Documents (9)		
Music (22)		
Pictures (9)		
Files (10)		
cmd	×	Shut down 🕨
	T	T may
27 🖩 🗵 🦻	- 4	

步驟 10.鍵入命令ipconfig,然後按Enter。在Ethernet Adapter Local Area Connection區域下 ,檢查IP地址和子網掩碼是否與路由器配置匹配。如果IP地址匹配,請跳至<u>步驟20</u>。

And in case of the local division of the loc	C:\Windows\system32\cmd.exe	
	Microsoft Windows [Version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved.	-
	C:\Users\ >ipconfig	-
	Windows IP Configuration	
	Wireless LAN adapter Wireless Network Connection:	
	Connection-specific DNS Suffix .: Link-local IPv6 Address : fe80::a846:a302:fd03:4db2%12 IPv4 Address : 156.26.115.215 Subnet Mask : 255.255.255.0 Default Gateway : 156.26.115.1	
	Ethernet adapter Local Area Connection:	
	Connection-specific DNS Suffix : IPv6 Address	+

步驟 11.如果IP地址不匹配,請導航到控制面板>網路和網際網路>網路和共用中心。



步驟 12.找到RV042/RV082提供的網路。按一下RV042/RV082網路右側的Local Area Connection。出現「Local Area Connection Status」視窗。

Local Area Connection Status	Σ	Z
General		
Connection		
IPv4 Connectivity:	Internet	
IPv6 Connectivity:	No Internet access	
Media State:	Enabled	
Duration:	11 days 05:21:03	
Speed:	1.0 Gbps	
Details		
Activity —		
Sent —	Received	
Bytes: 12,967,474,397	14,765,837,882	
Properties 🛞 Disable	Diagnose	
	Close	

步驟 13.按一下「Properties」。出現Local Area Connection Properties視窗。

Local Area Connection Properties
Networking Sharing
Connect using:
Atheros AR8151 PCI-E Gigabit Ethernet Controller (NDIS 6
Configure This connection uses the following items:
 Client for Microsoft Networks QoS Packet Scheduler File and Printer Sharing for Microsoft Networks File and Printer Sharing for Microsoft Networks Internet Protocol Version 6 (TCP/IPv6) Internet Protocol Version 4 (TCP/IPv4)
Install Uninstall Properties
Description Allows your computer to access resources on a Microsoft network.
OK Cancel

步驟 14.選擇Internet Protocol Version 4(TCP/IPv4),然後按一下Properties以開啟Internet Protocol Version 4(TCP/IPv4)Properties視窗。

ernet Protocol Version 4 (TCP/I	Pv4) Properties	8 23
General		
You can get IP settings assigned a this capability. Otherwise, you ne for the appropriate IP settings.	automatically if your network s ed to ask your network admini	s <mark>upports</mark> istrator
Obtain an IP address autom Obtain an IP address Obtain IP address	atically	
IP address:	10 . 0 . 1 . 1	
Subnet mask:	255 . 255 . 252 . 0	
Default gateway:	10.0.0.1	
 Obtain DNS server address a Use the following DNS serve Preferred DNS server: 	automatically r addresses: 10 . 0 . 0 . 1	
Alternate DNS server:		
Validate settings upon exit	Adva	anced
	ОК	Cancel

步驟 15.按一下Use the following IP address單選按鈕,您現在可以配置該LAN連線的IP地址、子網掩碼和預設網關。

步驟 16.在IP地址欄位中輸入設備的IP地址(10.0.1.1)。

步驟 17.在Subnet mask欄位中輸入相應的子網掩碼(255.255.252.0)。

步驟 18.在Default Gateway欄位中輸入所需的閘道(10.0.0.1)。這是客戶端用於與其子網外的 客戶端通訊的地址,通常應該是在步驟4中指定的IP地址。 步驟 19.為其他客戶端重複步驟6到15。

步驟 20.要驗證此設定是否有效,請通過兩個客戶端的命令提示符傳送ping。 使用命令 ping,後跟要執行ping的任意網址,檢查網路是否工作

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C:\Windows\system32>ping www.cisco.com

Pinging e144.dscb.akamaiedge.net [23.79.192.170] with 32 bytes of data: Reply from 23.79.192.170: bytes=32 time=22ms TTL=53 Reply from 23.79.192.170: bytes=32 time=26ms TTL=53 Reply from 23.79.192.170: bytes=32 time=21ms TTL=53 Reply from 23.79.192.170: bytes=32 time=23ms TTL=53 Ping statistics for 23.79.192.170: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 21ms, Maximum = 26ms, Average = 23ms C:\Windows\system32>_

關於此翻譯

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