# 在Windows上配置RV320和RV325 VPN路由器系列上的点对点隧道协议(PPTP)服务器

# 目标

点对点隧道协议(PPTP)是用于在公共网络之间创建VPN隧道的网络协议。PPTP服务器也称为 虚拟专用拨号网络(VPDN)服务器。PPTP优先于其他VPN协议,因为它速度更快,而且能够 在移动设备上工作。在PPTP服务器上总共可以配置十个PPTP隧道。

本文介绍如何在Windows上为RV32x VPN路由器系列配置PPTP(点对点隧道协议)服务器。

# 适用设备

·RV320双WAN VPN路由器

·RV325千兆双WAN VPN路由器

# 软件版本

•v1.1.0.09

## 配置PPTP服务器

#### PPTP IP范围

步骤1.登录Web配置实用程序并选择VPN > PPTP Server。"PPTP服务器"页面打开:

PPTP Server				
PPTP IP Range	•			
Enable				
Range Start:	192.168.1.150			
Range End:	192.168.1.159			
PPTP Tunnel S	i <b>tatus</b> iel(s) Used	10 Tunnel(s) Available		
Connection 1	fable	p		
User Name		Remote Address	PPTP IP Address	
0 results found!				
Save	Cancel			

步骤2.选中Enable复选框以在RV320上启用PPTP Server。

PPTP Server				
PPTP IP Range				
Enable				
Range Start: 192.168.1.150				
Range End: 192.168.1.158				
PPTP Tunnel Status	10 Tunnel(s) Availa	ble		
Connection Table				
User Name	Remote Address	PPTP IP Address		
0 results found!				
Save Cancel				

步骤3.在Range Start(范围开始)字段中,输入分配给第一个PPTP VPN客户端的范围的*起 始LAN IP*地址。默认 IP 地址为 192.168.1.200。

步骤4.在Range End(范围结束)字段中输入分配给最后一个PPTP VPN客户端的范围的*最后* 一个LAN IP地址。默认值为 192.168.1.204.

步骤5.单击"保存"以保存设置。

## PPTP隧道状态

PPTP Serve	er			
PPTP IP Range				
Enable				
Range Start:	192.168.1.150			
Range End:	192.168.1.158			
PPTP Tunnel Status           1         Tunnel(s) Used         9         Tunnel(s) Available				
Connection 1	<b>Table</b>			
User Name		Remote Address	PPTP IP Address	
user_3 192.168.1.100			192.168.1.150	
Save Cancel				

·Tunnel(s)Used — 表示PPTP服务器当前正在使用的隧道数。

·Tunnel(s)Available — 表示仍可用于配置PPTP服务器的隧道数。

**注意:**在连接表中设置连接之前,需要添加用户。有关如何配置用户的详细信息,请参阅

<u>RV320和RV325 VPN路由器系列上的用户和域管理配置文章</u>。

PPTP Serv	er			
PPTP IP Range	9			
Enable				
Range Start:	192.168.1.150			
Range End:	192.168.1.158			
PPTP Tunnel Status       1     Tunnel(s) Used       9     Tunnel(s) Available				
Licer Name	Table	Remote (	ddraes	PPTP IP Address
user_3 1		192.168.1	.100	192.168.1.150
Save	Cancel			

·连接表 — 连接列表是显示VPN客户端信息的只读列表。列表显示PPTP VPN客户端的用户 名、PPTP VPN客户端的远程WAN IP地址和PPTP服务器在连接时分配给客户端的PPTP IP地址。您需要在Windows上配置PPTP VPN连接,以在连接表中显示用户。

**注:要**了解有关如何设置PPTP连接的详细信息,请参阅*在Windows上配置PPTP VPN连*接部 分。

### 在Windows上配置PPTP VPN连接

步骤1.登录计算机,然后选择"开**始">"控制面板">"网络和Internet">"网络和共享中心"**。出现" Network and Sharing Center(网络和共享中心)"窗口。

	鰔 🦫 -	🔘	See full map
	TANK IS ANOTHER	Intern	et
(Thi	s computer)		
View you	ur active networks		Connect or disconnect
-		Access type:	Internet
	Work network	Connections: 👊	Wireless Network Connection Secure)
Change	your networking settings		
	Set up a new connection or netwo	ork	
1	Set up a new connection or netwo Set up a wireless, broadband, dial- router or access point.	ork •up, ad hoc, or VPN c	onnection; or set up a
*	Set up a new connection or netwo Set up a wireless, broadband, dial- router or access point. Connect to a network	vrk up, ad hoc, or VPN c	onnection; or set up a
¥ ¥	Set up a new connection or netwo Set up a wireless, broadband, dial- router or access point. Connect to a network Connect or reconnect to a wireless connection.	ork up, ad hoc, or VPN c s, wired, dial-up, or V	onnection; or set up a PN network
*	Set up a new connection or netwo Set up a wireless, broadband, dial- router or access point. Connect to a network Connect or reconnect to a wireless connection. Choose homegroup and sharing o	ork up, ad hoc, or VPN c s, wired, dial-up, or V options	onnection; or set up a PN network
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Set up a new connection or netwo Set up a wireless, broadband, dial- router or access point. Connect to a network Connect or reconnect to a wireless connection. Choose homegroup and sharing of Access files and printers located of sharing settings.	ork oup, ad hoc, or VPN c s, wired, dial-up, or V options n other network com	onnection; or set up a PN network puters, or change
*	Set up a new connection or netwo Set up a wireless, broadband, dial- router or access point. Connect to a network Connect or reconnect to a wireless connection. Choose homegroup and sharing of Access files and printers located of sharing settings. Troubleshoot problems	ork oup, ad hoc, or VPN c s, wired, dial-up, or V options n other network com	onnection; or set up a PN network puters, or change



步骤2.单击Set up a new connection or network(设置新连接或网络)以创建新连接或网络。出现 "Set Up a Connection or Network(设置连接或网络)"窗口。

Choos	e a connection option	
	Connect to the Internet	
	Set up a wireless, broadband, or dial-up connection to the Internet.	
-	Set up a new network	
-	Configure a new router or access point.	
	Manually connect to a wireless network	
	Connect to a hidden network or create a new wireless profile.	
	Connect to a workplace	
-	Set up a dial-up or VPN connection to your workplace.	
and a	Set up a dial-up connection	
	Connect to the Internet using a dial-up connection.	

Choose a connection option	
Connect to the Internet	
Set up a wreless, broadband, or diar-up connection to the internet.	
Set up a new network	
Configure a new router or access point.	
Manually connect to a wireless network	
Connect to a hidden network or create a new wireless profile.	
Set up a dial-up or VPN connection to your workplace.	
Set up a dial-up connection	
Connect to the Internet using a dial-up connection.	

步骤3.单击"**连接到工作**场所"从工作场所连接。

步骤4.单击"下**一步"**继续。系统将*显示"连接到工作*区"窗口:

Connect to a Workplace	
How do you want to connect?	
Use my Internet connection (VPN) Connect using a virtual private network (VPN) connection through the Internet.	
Dial directly Connect directly to a phone number without going through the Internet.	
What is a VPN connection?	
	Cancel

Connect to a Workplace	
How do you want to connect?	
<ul> <li>Use my Internet connection (VPN)</li> <li>Connect using a virtual private network (VPN) connection through the Internet.</li> </ul>	
Dial directly Connect directly to a phone number without going through the Internet.	
What is a VPN connection?	
	Cancel

步骤5.单击Use my Internet connection(VPN)(使用我的Internet连接(VPN))以使用Internet连接

Connect to a Workplace	
Do you want to set up an Internet connection before continuing?	
An Internet connection is necessary for using a VPN connection.	
Set up an Internet connection	
I'll set up an Internet connection later	
	Cancel

步骤6.单击"我稍后将设置Internet连接",以稍后配置Internet连接。

o

Type the Internet a	ddress to connect to		
Your network administra	ator can give you this address.		
Internet address:	192.168.1.1		
Destination name:	VPN Connection 2		
Use a smart card Remember my c O Allow other peop This option allow	redentials ple to use this connection vs anyone with access to this computer to use this conne	ection.	
		Create	Car

步骤7.将RV320的LAN IP地址的IP地址输入到Internet地址字段。

步骤8.在Destination name字段中输入目标的名称。

步骤9.单击"创**建"**。

**注意:**如果您在Windows 8上,则下一步步骤适用。如果您在Windows 7上,则接下来的三个 映像不同,但步骤相同。



步骤10.单击任务栏上的Network图标。这将显示可连接到计算机的所有网络、无线、VPN和 拨号:

Connections	
Network 6	Limited 『구
VPN Connection 2	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	Connect
VPN Connection 3	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Wi-Fi	
W50 Secure	Connected
WSU Guest	<b>%</b> al

步骤11.单击Connect以连接特定连接。

Network Authentication				
user_3				
•••••	<u>م</u>			
Domain:				
	OK Cancel			

**注意:**您必须在"用户管理"页*中配置*用户。要了解有关如何配置用户管理的详细信息,请参阅 *RV320路由器上的用户和域管理配置文章。*对于步骤12和步骤13,您必须提供您在"用户管理 "(User Management)页面中提供的相*同用户名和密码。* 

步骤12.在Username字段中输入用户名。

步骤13.在Password字段中输入密码。

步骤14.单击**OK**。



#### 步骤15.右键单击任务栏上的网络图标,然后单击"打开网络和共享中心"。



步骤16.点击特定VPN连接。系统将显示"状态"窗口:



VPN Connection 2 Status				
General	Details			
Connec	tion —			
IPv4	Connectivi	ty:	No Internet access	
IPve	Connectivi	ty:	No network access	
Med	ia State:		Connected	
Dura	ation:		00:01:30	
		Sent —	Received	
Byte	es:	36,339	3,963	
Dyte		0.04	0 %	
Com	pression:	0 %		
Com	pression: rs:	0%	0	
Com Erro Proj	pression: rs: perties	0 % 0 Disconnect	Diagnose	

步骤17.单击"属**性"**。系统将显示"VPN目标属性"窗口:

Seneral	VPN Connection 2 Pro	perties
aerierai	Options Security Networking S	nanng
Host na 157.54.	me or IP address of destination (such 0.1 or 3ffe:1234::1111):	as microsoft.com or
192.16	8.1.1	
Dert -		
FITSE C	ionneci	
Wine	dows can first connect to a public net net, before trying to establish this virtu	work, such as the al connection.
- Children		
	)ial another connection first:	
		~
privacy	statement	

## 步骤18.选择窗口顶**部的**"安全"选项卡。

General Options	Security	Networking	Sharing	
Type of VPN:				
Automatic				
Automatic				
Point to Point Tur Layer 2 Tunneling Secure Socket Tu IKEv2	neling Pro Protocol unneling P	tocol (PPTP) with IPsec (L2 rotocol (SSTP	TP/IPsec) )	0
Authentication				
O Use Extensib	le Authenti	ication Protoco	ol (EAP)	
				~
				Properties
Allow these p EAP-MSCHA any of these	rotocols Pv2 will be protocols f	e used for IKE or other VPN t	v 2 VPN typ ypes.	be. Select
	ted passwo	ord (PAP)		
	Handshak	ke Authenticat	ion Protoc	ol (CHAP)
Microsoft	CHAP Ver	sion 2 (MS-CH	AP v2)	
Autom	atically use ord (and d	e my Windows omain, if any)	logon nar	ne and

步骤19.从Type of VPN下拉列表中选择Point to Point Tunneling Protocol(PPTP)。

PPTP Serve	er					
PPTP IP Range						
Enable						
Range Start:	192.168.1.150					
Range End:	192.168.1.158					
PPTP Tunnel Status       1     Tunnel(s) Used       9     Tunnel(s) Available						
Connection Table						
User Name	User Name		ddress	PPTP IP Address		
user_3	3		100	192.168.1.150		
Save	Cancel					

步骤20.单击"确定"保存设置。新连接将添加到PPTP服务器页的"连接列表"中。