

App User Guide

Version: 1.0.2

Date: December 25, 2021

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Revision History

Updates between document versions are cumulative. Therefore, the latest document version contains all updates made to previous versions.

Release Date	App Version	Doc Version	Details
June 06, 2016	2.0.0	v.1.0.0	First Release
June 29. 2018	2.0.0	v.1.0.1	Revised the company name
December 25, 2021	2.0.0		Revised the company name
December 25, 2021	2.0.0	v.1.0.2	Deleted the document status: confidential

Chapter 1 Overview

PPTP (Point-to-Point Tunneling Protocol) is a method for implementing virtual private networks. PPTP uses a control channel over TCP and a GRE tunnel operating to encapsulate PPP packets.

PPTP is an App which needs to install into router in System->App Center unit.

Chapter 2 App Installation

2.1 Installation

Path: System->App

1 Please place PPTP App .rpk file (e.g. r2000-pptp-2.0.0.rpk) into a free disk of PC. And then log in router configuration page; go to **System->App** as the following screenshot show.

App Center			
∧ App Install			
	File	Choose File No file chosen	Install

2 Click "Choose File" button, select PPTP App .rpk file from the PC, then click "Install" button of router configuration page.

rganize 🔻 New fold	er			•• •		
Favorites Favorites Desktop Downloads Recent Places Libraries Documents Music Pictures Videos Computer Network	r2000-capti ve_portal-2. 0.0.rpk r2000-qos- 2.0.0.rpk r2000-qos- 2.0.0.rpk r2000-rob stlink-2.0.1 rpk	pn-2.0.0.rp k 1 r2000-snm rź	2.0.0.rpk uage se-2. 2000-vrrp- r200 2.0.0.rpk _mul	0-lang e_chine 0.0.rpk 0-wlan 0-wlan ti_ap-2 0.rpk		
C. A. S. C. S. C.	ame: r2000-pptp-2.0.0.rpk		All Files <u>Open</u>	▼ Cancel	A	
App Center App Instal						- 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14

3 When the rate of installation progress reach 100%, the system will pop up a reboot router reminder window. Please click "OK" to make router reboot.

App Center				
∧ App Install				
	File	Choose	File r2000-pptp-2.0.0.rpk	Install
	Router Web Manager			100%
∧ Installed Apps Index Na	Operation successfully comple Do you want to reboot immedia		cription	

4 After router power on again, log in configuration page, PPTP will be include in App Center's "Installed Apps" list, and the function configuration will display in **VPN** part.

App Ce	enter					
^ App I	install					
			File	Choose File	No file chosen	Install
^ Insta	lled Apps					
Index	Name	e Version	Status	Descrip	otion	
1	pptp	2.0.0	Stopped	PPTF	>	×
		PPTP Server	PPTP Client	Status	3	
	Status	∧ PPTP Server Se	ttings			
	Interface		Enable	PPTP Server	ONOFF	
	Network			Username) 🦻
	WDN			Password () 😨
	VPN			Local IP)
	OpenVPN			Start IP	7	
	GRE			End IP	-	ĺ
	РРТР <		A	Ithentication	pap v	
	Services			Enable NAT	ON OT	
	System		5.)
					noaccomp nopcomp no)
			C	ebug Enable	OFF	
		∧ Static Route				
		Index Remote Sub	net Remote Subn	e Client IP		Submit Cancel
						Submit Cancel

2.2 Uninstallation

Path: System->App Center

1 Go to "**Installed Apps**", find PPTP App and then click "X".

App Cen	ter					
∧ App In	stall					
			File	Choose File No file chosen	Install	
	ed Apps					
Installe						
Installe Index	Name	Version	Status	Description		-

2 Click "OK" in the router reboot reminder pop up window. When router finish restart, PPTP had been uninstalled.

Router	Web Mana	iger			
	peration succ you want to			37	
	ок	Cance	el		
App Cen	ter				
	Conservation -				
	Conservation -		File	Choose File No file chosen	Install
App Cen ^ App In: ^ Installe	stall		File	Choose File No file chosen	Install

Chapter 3 Parameters Description

PPTP Server	PPTP Client	Status
∧ PPTP Server Se	ttings	
	Enable PPTP Se	ver ON OFF
	Userna	ime 🗇
	Passw	ord 🛛 🗇
	Loca	
	Star	t IP
	En	i IP
	Authentica	ion pap y
	Enable	
	Expert Opt	ons noaccomp nopcomp no
	Debug En	ble OFF
∧ Static Route		
Index Remote Sub	net Remote Subne Cl	ent IP +

Click "+" Symbol, it will pop up a Static Router window.

PPTP Server		
∧ Static Route		
Index	1	
Description		
Remote Subnet		
Remote Subnet Mask		
Client IP		0
		Submit Close

	РРТР	
Item	Description	Default
Enable PPTP Server	Click to enable PPTP server.	OFF
Username	Set the username which will assign to PPTP client.	Null
Password	Set the password which will assign to PPTP client.	Null
Local IP	Set the IP address of PPTP server.	10.0.0.1
Start IP	Set the IP pool start IP address which will assign to the PPTP clients.	10.0.0.2
End IP	Set the IP pool end IP address which will assign to the PPTP clients.	10.0.0.100
Authentication	Select from "PAP", "CHAP", "MS-CHAP v1" and "MS-CHAP v2".	СНАР

	РРТР	
Item	Description	Default
	PPTP client need to select the same authentication method based on this	
	server's authentication method.	
Enable NAT	Click to enable NAT feature of PPTP. The remote PPTP client's source IP will	OFF
	be disguised before accessing router PPTP server	UFF
Evenent Options	You can enter some other PPP initialization strings in this field. Each string	посср
Expert Options	can be separated by a space.	nobsdcomp
Remote Subnet @	Enter the remote peer's private IP address or remote subnet's gateways	Null
Static Route	address.	Null
Remote Subnet Mask	Enter the remete near's subject most	Null
@ Static Route	Enter the remote peer's subnet mask.	Null
Client IP @Static	Specifying the PPTP client IP address.	Null
Route	Empty means anywhere.	INUII

PPTP Se	rver	PPTP Client	Status	S	
РРТР С	lient Set	tings			
Index	Enable	Description	Server Address	Authenticat	+

Click "+" symbol to add a PPTP client. The max tunnel accounts are 3.

PPTP Client			
^ PPTP Client Settings			
Index	1		
Enable	ON OFF		
Description			
Server Address			
Username		7	
Password		1	
Authentication	pap v		
Enable NAT	ON OFF		
All Traffic via This Interface	ON OFF		
Remote Subnet			
Remote Subnet Mask			
Expert Options	noaccomp nopcomp no		
		Submit	Close

PPTP Client		
Item	Description	Default
Enable	Enable PPTP Client.	
Server Address	Enter your PPTP server's public IP or domain name.	
Username	ername Enter the username which was provided by your PPTP server.	
Password	sword Enter the password which was provided by your PPTP server.	
Authentication	Select from "Auto", "PAP", "CHAP", "MS-CHAP v1" and "MS-CHAP v2". You need to select the corresponding authentication method based on the server's authentication method. When you select "Auto", router will auto select the correct method based on server's method.	Auto
Enable NAT	ble NAT Click to enable NAT feature of PPTP. The source IP address of host Behind R3000 will be disguised before accessing the remote PPTP server.	
All traffic via this interface	After click to enable this feature, all data traffic will be sent via PPTP tunnel.	
emote Subnet Enter the remote peer's private IP address or remote subnet's gateways address.		Null
Remote Subnet Mask	note Subnet Mask Enter the remote peer's subnet mask.	
Expert Options	You can enter some other PPP initialization strings in this field. Each string can be separated by a space.	

Go to Status to check the PPTP connection status.

PPTP Server PPTP Client		t			
∧ PPTP Server Status					
Index	x Remote IP Address Uptime				
^ РРТР	Client Status				
Index	Description	Status	Local IP Address	Remote IP Address	Uptime

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