



# App User Guide

**PPTP**

**Version: 1.0.0**

**Date: 2016-06-06**

**Status: Confidential**

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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
2016-06-06	2.0.0	v.1.0.0	First Release

## 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.

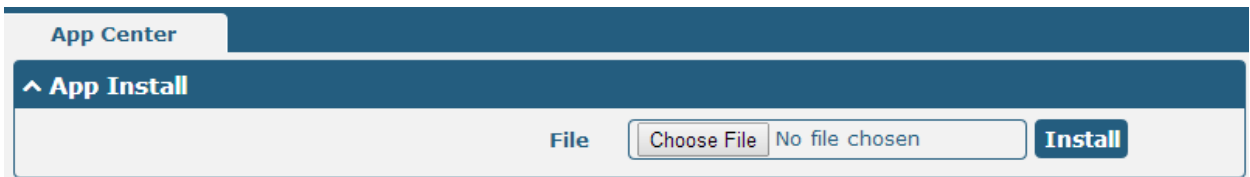
PPTP is an App which needs to install into router in **System->App Center** unit.

## Chapter 2 App Installation

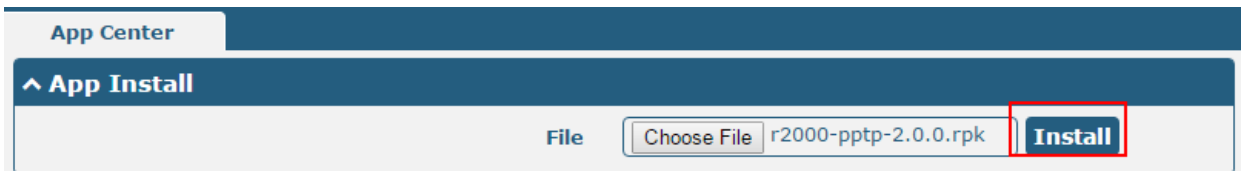
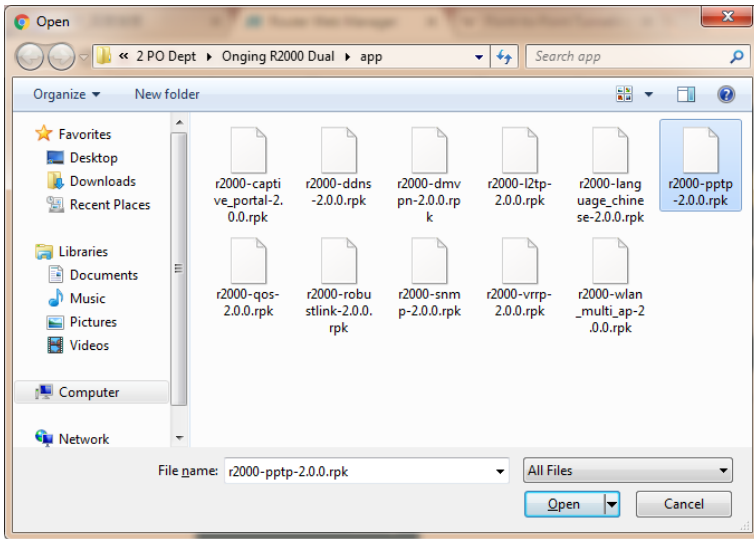
### 2.1 Installation

Path: **System->App**

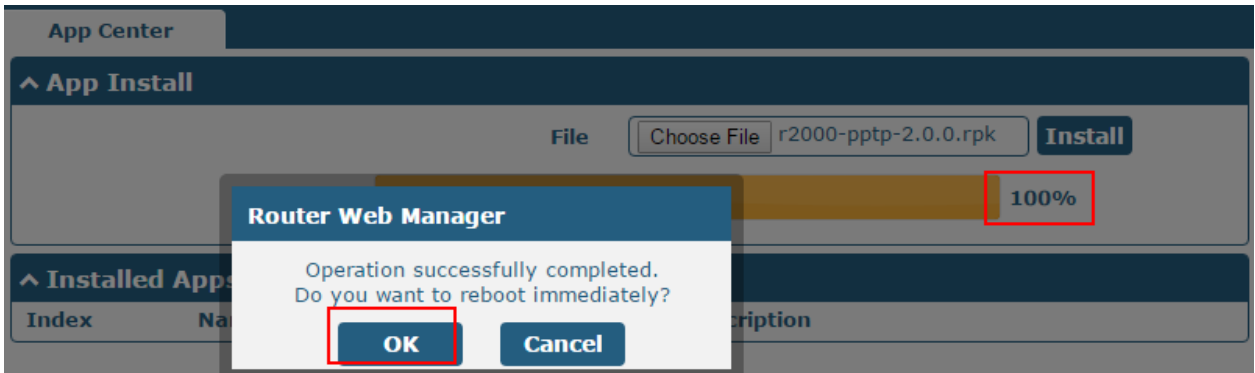
- 1 Please place PPTP App .rpk file (e.g. r2000-pptp-2.0.0.rpk) into a free disk of PC. And then log in router configuration page; go to **System->App** as the following screenshot show.



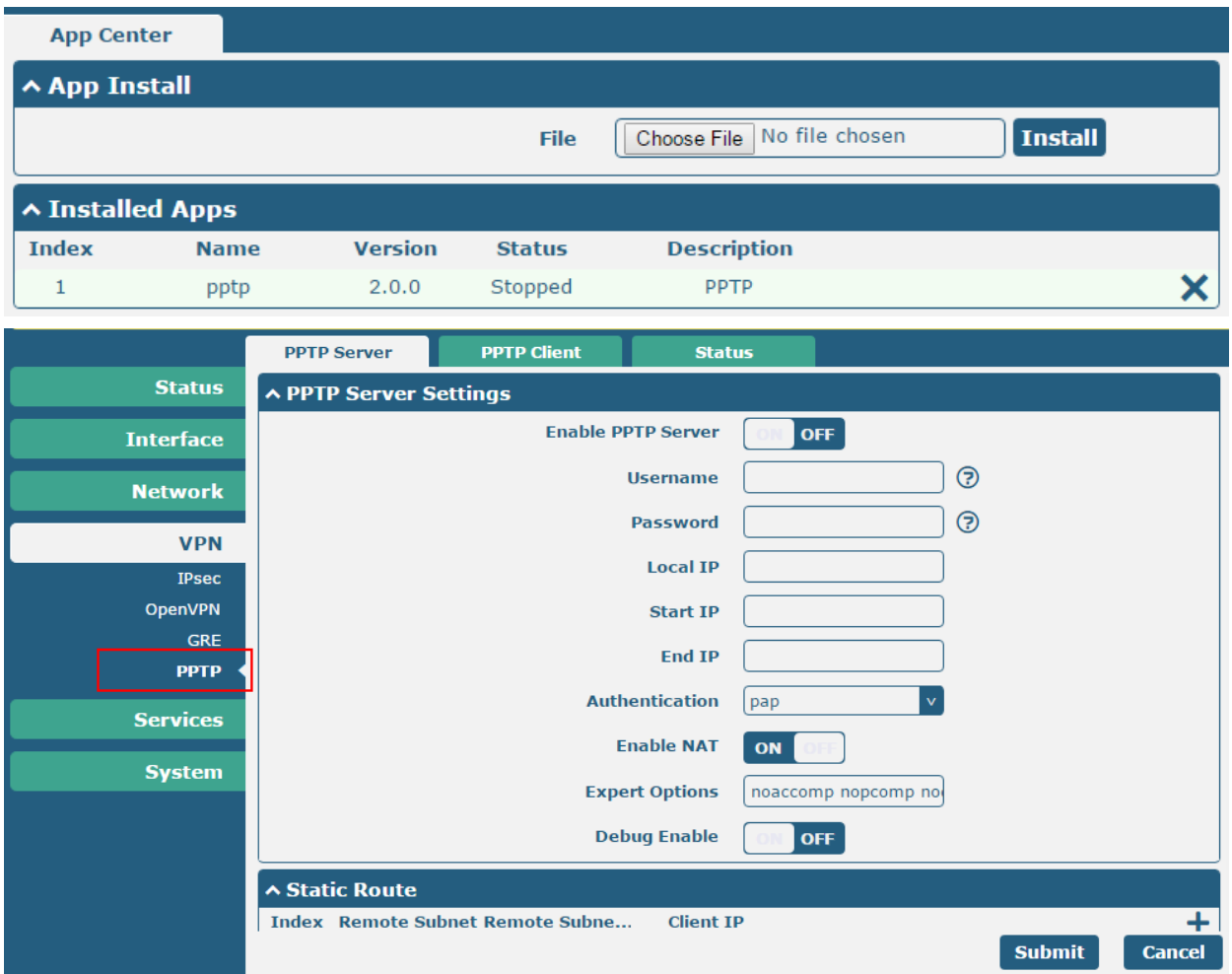
- 2 Click "Choose File" button, select PPTP App .rpk file from the PC, then click "Install" button of router configuration page.



- 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.



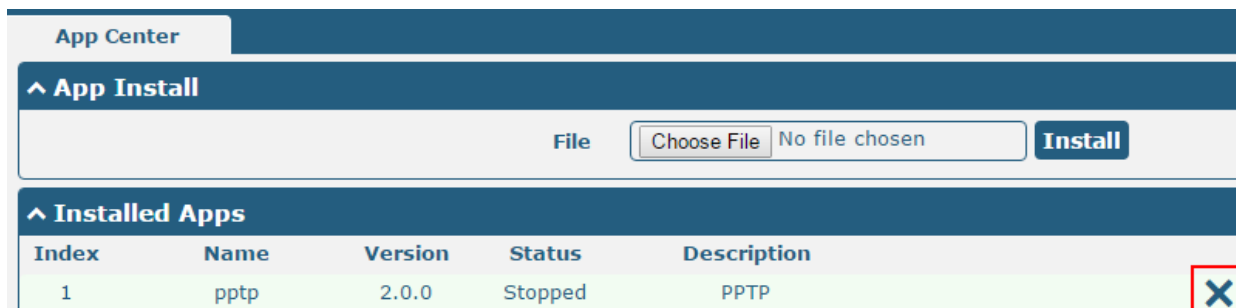
- 4 After router power on again, log in configuration page, PPTP will be include in App Center’s “Installed Apps” list, and the function configuration will display in VPN part.



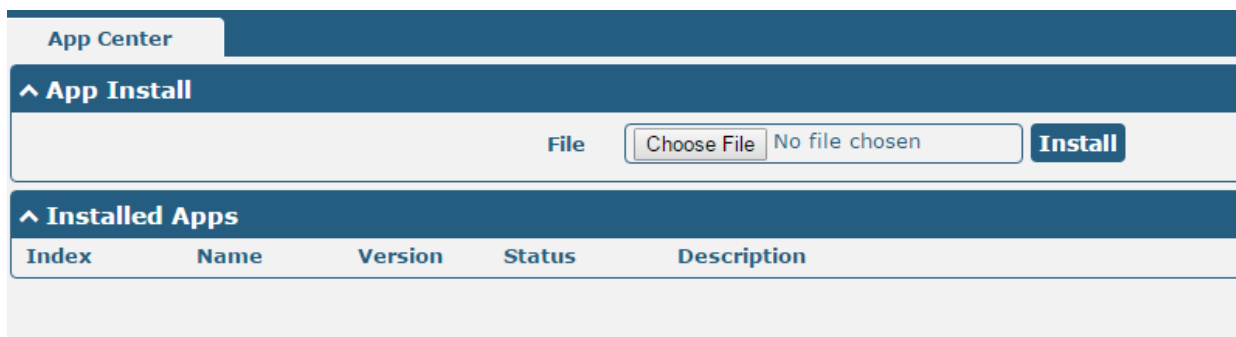
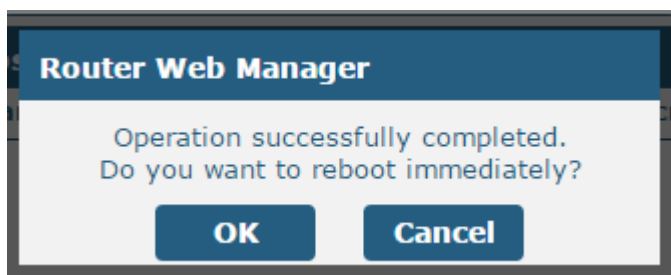
## 2.2 Uninstallation

Path: System->App Center

- 1 Go to “**Installed Apps**”, find PPTP App and then click “**X**”.



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



## Chapter 3 Parameters Description

PPTP Server
PPTP Client
Status

^ PPTP Server Settings

Enable PPTP Server  ON  OFF

Username  ?

Password  ?

Local IP

Start IP

End IP

Authentication pap

Enable NAT  ON  OFF

Expert Options

Debug Enable  ON  OFF

^ Static Route

Index Remote Subnet Remote Subne... Client IP
+

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

PPTP Server

^ Static Route

Index

Description

Remote Subnet

Remote Subnet Mask

Client IP  ?

PPTP		
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”.	CHAP

PPTP		
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 be disguised before accessing router PPTP server	OFF
Expert Options	You can enter some other PPP initialization strings in this field. Each string can be separated by a space.	noccp nobsdcomp
Remote Subnet @ Static Route	Enter the remote peer's private IP address or remote subnet's gateways address.	Null
Remote Subnet Mask @ Static Route	Enter the remote peer's subnet mask.	Null
Client IP @Static Route	Specifying the PPTP client IP address. Empty means anywhere.	Null

PPTP Server
PPTP Client
Status

^ **PPTP Client Settings**

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	<input style="width: 90%;" type="text" value="1"/>
Enable	<input checked="" type="checkbox"/> ON <input type="checkbox"/> OFF
Description	<input style="width: 90%;" type="text"/>
Server Address	<input style="width: 90%;" type="text"/>
Username	<input style="width: 90%;" type="text"/> <span style="float: right;">?</span>
Password	<input style="width: 90%;" type="password"/> <span style="float: right;">?</span>
Authentication	<input style="width: 90%;" type="text" value="pap"/> <span style="float: right;">v</span>
Enable NAT	<input checked="" type="checkbox"/> ON <input type="checkbox"/> OFF
All Traffic via This Interface	<input type="checkbox"/> ON <input checked="" type="checkbox"/> OFF
Remote Subnet	<input style="width: 90%;" type="text"/>
Remote Subnet Mask	<input style="width: 90%;" type="text"/>
Expert Options	<input style="width: 90%;" type="text" value="noaccomp nopcomp no"/>

Submit
Close



PPTP Client		
Item	Description	Default
Enable	Enable PPTP Client.	Null
Server Address	Enter your PPTP server's public IP or domain name.	Null
Username	Enter the username which was provided by your PPTP server.	Null
Password	Enter the password which was provided by your PPTP server.	Null
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	Click to enable NAT feature of PPTP. The source IP address of host Behind R3000 will be disguised before accessing the remote PPTP server.	OFF
All traffic via this interface	After click to enable this feature, all data traffic will be sent via PPTP tunnel.	OFF
Remote Subnet	Enter the remote peer's private IP address or remote subnet's gateways address.	Null
Remote Subnet Mask	Enter the remote peer's subnet mask.	Null
Expert Options	You can enter some other PPP initialization strings in this field. Each string can be separated by a space.	noccp nobsdcomp

Go to Status to check the PPTP connection status.

PPTP Server	PPTP Client	Status						
<b>^ PPTP Server Status</b> <table border="1"> <thead> <tr> <th>Index</th> <th>Remote IP Address</th> <th>Uptime</th> </tr> </thead> <tbody> </tbody> </table>			Index	Remote IP Address	Uptime			
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<b>^ PPTP Client Status</b> <table border="1"> <thead> <tr> <th>Index</th> <th>Description</th> <th>Status</th> <th>Local IP Address</th> <th>Remote IP Address</th> <th>Uptime</th> </tr> </thead> <tbody> </tbody> </table>			Index	Description	Status	Local IP Address	Remote IP Address	Uptime
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