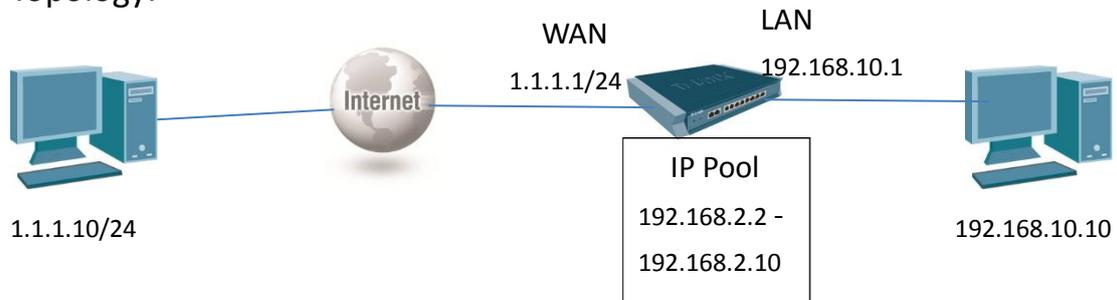


How to appoint a fixed IP to particular PPTP user on the DFL

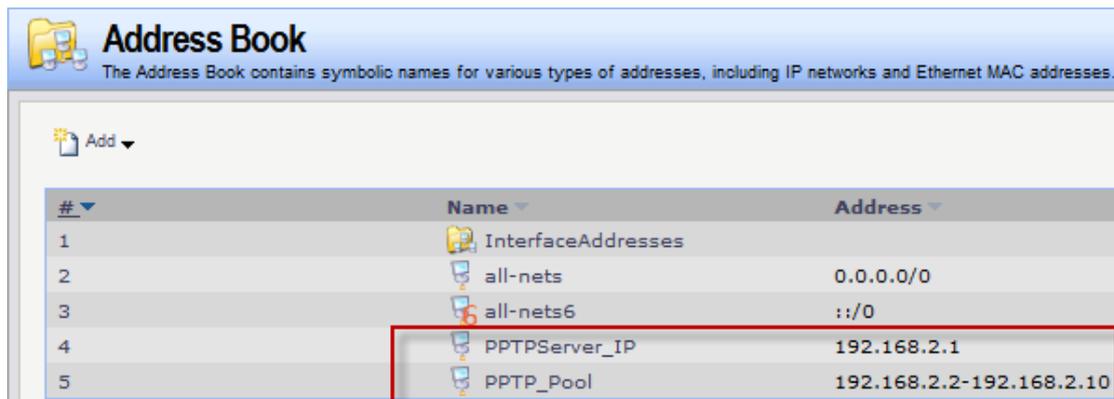
In this scenario, DFL is a PPTP server and requires reserving a fixed IP to particular dial-in PPTP user.

Topology:



Step:

1. Set address book → PPTPServer_ip, pptp_pool



Check wan1ip,wan1net, lan_ip, lanet

InterfaceAddresses

An address folder can be used to group related address objects for better overview.

Add Edit this object

#	Name	Address
1	wan1_ip	1.1.1.1
2	wan1net	1.1.1.0/24
3	wan1_gw	1.1.1.254
4	wan1_dns1	0.0.0.0
5	wan1_dns2	0.0.0.0
6	lan_ip	192.168.10.1
7	lanet	192.168.10.0/24
8	dmz_ip	172.17.100.254
9	dmznet	172.17.100.0/24
10	wan2_ip	192.168.120.254
11	wan2net	192.168.120.0/24

2. Set PPTP server interface

Home Configuration Tools Status Maintenance

Address Book

- InterfaceAddresses
- ALG with AV/WCF
- Services
- IP Pools
- NAT Pools
- Schedules
- Authentication Objects
- VPN Objects
- HTTP Banner Files
- Rules
 - IP Rules
 - lan_to_wan1
 - Access
- Interfaces
 - Ethernet
 - VLAN
 - IPsec
 - GRE
 - PPPoE
 - PPTP/L2TP Servers

PPTP_srv_int

A PPTP/L2TP server interface terminates PPP (Point

General PPP Parameters Add Route

General

Name: PPTP_srv_int

Inner IP Address: PPTPServer_IP

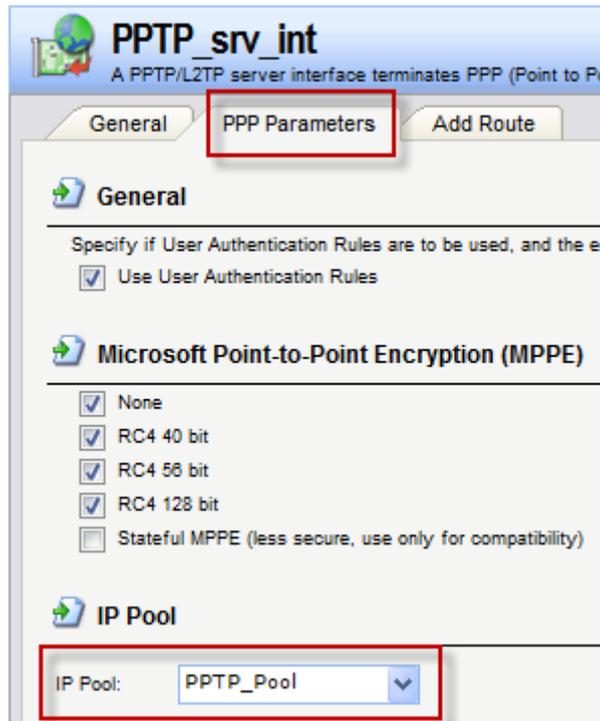
Tunnel Protocol: PPTP

Outer Interface Filter: wan1

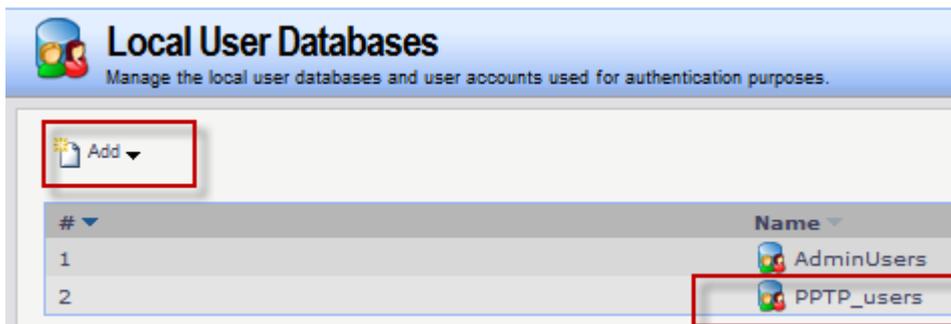
Server IP: wan1_ip

Comments

Comments:



3. Set Local user Databases → create a group named “PPTP_users” → In the group of “PPTP_users”, add a user “test” with static IP 192.168.2.5 info as following shown:



 **test**
User credentials may be used in User Authentication

General SSH Public Key

 **General**

Name:

Password:

Confirm Password:

Groups:

 Comma separated list of groups
Users that are members of the 'administrators' group are
Users that are members of the 'auditors' group are

 **Per-user IP Configuration (for PPTP, L2)**

Static Client IP Address:

Networks behind user:

Metric for networks:

4. Set PPTP_auth_rule

The screenshot displays a network configuration web interface. On the left is a navigation tree with categories like IPsec, GRE, PPPoE, PPTP/L2TP Servers, PPTP/L2TP Clients, SSL VPN Interface, Switch Management, Interface Groups, ARP/Neighbor Discovery, Routing, and User Authentication. The 'User Authentication Rules' item is highlighted with a red box. The main content area is titled 'PPTP_auth_rule' and has three tabs: 'General', 'Log Settings', and 'Authentications'. The 'General' tab is active and contains a form with the following fields:

Name:	PPTP_auth_rule
Authentication agent:	L2TP/PPTP/SSL VP
Authentication Source:	Local
Interface:	PPTP_srv_int
Originator IP:	all-nets
Terminator IP:	wan1_ip

Below the form is a 'Comments' section with a text input area.

5. set IP rule

The screenshot shows the configuration page for a rule named "PPTP_rule". The left sidebar contains a tree view with "Rules" expanded and "IP Rules" selected. The main panel has tabs for "General", "Log Settings", "NAT", "SAT", and "Multiple". The "General" tab is active and contains the following fields:

- Name: PPTP_rule
- Action: Allow
- Service: all_services
- Schedule: (None)

Below the General tab is the "Address Filter" section, which includes a table for specifying source and destination:

Interface	Network
Source: PPTP_srv_int	PPTP_Pool
Destination: lan	lanet

The screenshot shows the "Authentication Options" tab for the "PPTP_rule" configuration. The "General" sub-tab is active. The page contains sections for "RADIUS servers" and "LDAP servers", each with "Available" and "Selected" lists and arrows for moving items between them. At the bottom, there are two dropdown menus:

- RADIUS Method: Unencrypted password (PAP)
- Local User DB: PPTP_users

[Test result]

PPTP user is been assigned the appointed IP address 192.168.2.5 after established PPTP session.

```
PPP adapter PPTPServer:
Connection-specific DNS Suffix . :
IPv4 Address . . . . . : 192.168.2.5
Subnet Mask . . . . . : 255.255.255.255
Default Gateway . . . . . : 0.0.0.0

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . :
Link-local IPv6 Address . . . . . : fe80::7026:f2e3:9dec:c2c4%11
IPv4 Address . . . . . : 1.1.1.10
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 1.1.1.1
```

THE END