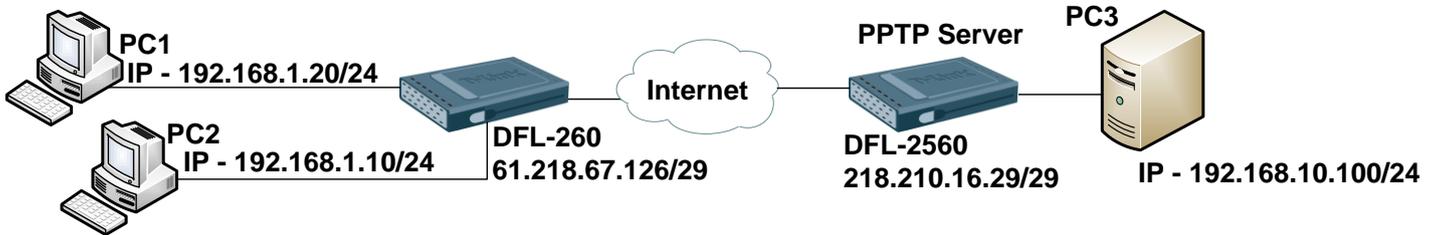


How to set up PPTP ALG with DFL firewall

[Foreword]

PC1 establishes a PPTP tunnel to an external PC3 across the Internet. Because NAT IP rules, the tunnel connection will appear to be coming from the external IP address on the firewall. This first connection will be successful but when the second PC2 also tries to connect to the PC3 at the same endpoint IP address, the first connection will be lost.

[Topology]



[Setup DFL-2560]

1. Objects > Address Book > InterfaceAddresses

The screenshot shows the 'InterfaceAddresses' configuration page. It contains a table with the following data:

ID	Name	Address
24	Google_DNS	8.8.8.8
25	HiNet_DNS	168.95.1.1
26	PPTP_Server_IP	192.168.2.1
27	PPTP_IP_Pool	192.168.2.2-192.168.2.10

2. Interfaces > PPTP/L2TP Servers

The screenshot shows the 'PPTP/L2TP Servers' configuration page. It contains a table with the following data:

#	Name	Tunnel protocol	Inner IP address	Outer interface	IP pool	Outer server IP	Comments
1	PPTP_Server	PPTP	PPTP_Server_IP	wan1	PPTP_IP_Pool	wan1_ip	

3. User Authentication > Local User Database

The screenshot shows the 'PPTP' configuration page, specifically the 'Users' tab. It contains a table with the following data:

Name	Groups	IP Pool	Networks	Comments
dlink				

4. User Authentication > User Authentication Rules

The screenshot shows the configuration page for a PPTP rule. The 'General' tab is active, showing fields for Name (PPTP), Authentication agent (PPP), Authentication Source (Local), Interface (PPTP_Server), Originator IP (all-nets), and Terminator IP (wan1_ip). The 'Authentication Options' tab is also visible, showing RADIUS Method (Unencrypted password (PAP)) and Local User DB (PPTP).

5. Rules > IP Rules

The screenshot shows the configuration page for a PPTP_Rule folder. It contains a table with the following data:

#	Name	Action	Source interface	Source network	Destination interface	Destination network	Service
1	VPN-In	Allow	PPTP_Server	all-nets	lan1	lan1net	all_services
2	VPN-Out	Allow	lan1	lan1net	PPTP_Server	all-nets	all_services

[Setup DFL-260]

1. Objects > ALG with AV/WCF

The screenshot shows the configuration page for ALG with AV/WCF. It contains a table with the following data:

#	Name	Protocol
15	PPTP_ALG	PPTP ALG

2. Objects > Services

The screenshot shows the configuration page for Services. It contains a table with the following data:

#	Name	Protocol	Port	Service
94	PPTP_Service	TCP	1723	PPTP_ALG

3. Rules > IP Rules

The screenshot shows the configuration page for IP Rules. It contains a table with the following data:

#	Name	Action	Source interface	Source network	Destination interface	Destination network	Service
3	PPTP	NAT	lan	lan1net	wan	all-nets	PPTP_Service

END