



# Application Guide

Hongdian-Parameter Select -L2TP Backup



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## Revision History

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

Doc Version	Product	Release Data	Details
V1.0	Hongdian Router	2017.08.22	First Release

# 1 Overview

The "Parameter Select" function of Hongdian Router is used for connections backup, Including physical interfaces,VPN interfaces and etc. It is similar with "Link Backup" function, however, "Link Backup" only supports for physical interfaces.

With "Parameter Select", we can add two rules of L2TP and setup L2TP backup, that is, the router is keeping one L2TP VPN connection at the same time,if connection failed,for example the current peer IP/domain (VPN Server) is unavailable,the backup L2TP connection will be activated.This document will guide you for the case, and it is also suitable for other connection types.

## 2 Description

### 1. Add two l2tp rule:

The screenshot shows the configuration page for L2TP rules in the VPN section. The interface includes a navigation menu with tabs for Network, Applications, VPN (selected), Forward, Security, System, and Status. Under the VPN tab, there are sub-tabs for VPDN, Tunnel, and IPsec. The main content area features a 'Tunnel secrets' field with a 'Save' button. Below this is a table listing two L2TP rules. At the bottom, there are 'Add' and 'Refresh' buttons.

Interface Name	Protocol	Server IP or Domain	Username	Operation				
2	l2tp	1.1.1.1	test	Mod	Del	View	En	Dis
1	l2tp	1.1.1.1	test	Mod	Del	View	En	Dis

### 2. Add two "Parameter select" rule to select parameter.

Rule 1 has higher priority than rule2. So rule 1 will always be the first after router restarts.

Rule Name	Interval	Retry Times	Running Timeout	Operation			
2	60	3	---	Mod	Del	En	Dis
1	60	3	---	Mod	Del	En	Dis

When rule1 ICMP detection fail, router will switch to rule2. Means router will use l2tp2 for connection.

#### Rule 1 setup

Rule Name	Name	Check Method	Operation
1	vpdn1	check 2.2.2.2	Delete

Status

**Basic Settings**

Rule Name  \* 0-9

Interval  \* 1-512 s

Retry Times  \* 1-512

Running Timeout  1-65535 s

#### Rule2 setup.

<b>Network</b>	Applications	VPN	Forward	Security	System	Status
LAN	WAN	Modem	Parameter Select	Network Type	DHCP Server	

  

Rule Name	Name	Check Method	Operation
2	vpdn2	check 2.2.2.2	<a href="#">Delete</a>

  

Status [Enable](#) [Disable](#)

  

**Basic Settings**

Rule Name  \* 0-9

Interval  \* 1-512 s

Retry Times  \* 1-512

Running Timeout  1-65535 s

[Save](#)



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## **Contact us**

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