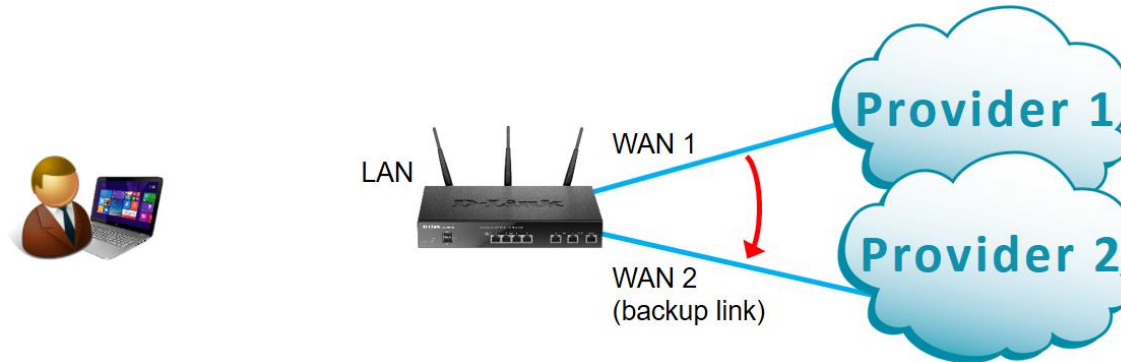


WAN Auto-Failover Guide

DSR-1000AC / DSR-500AC

Firmware 3.08B302C



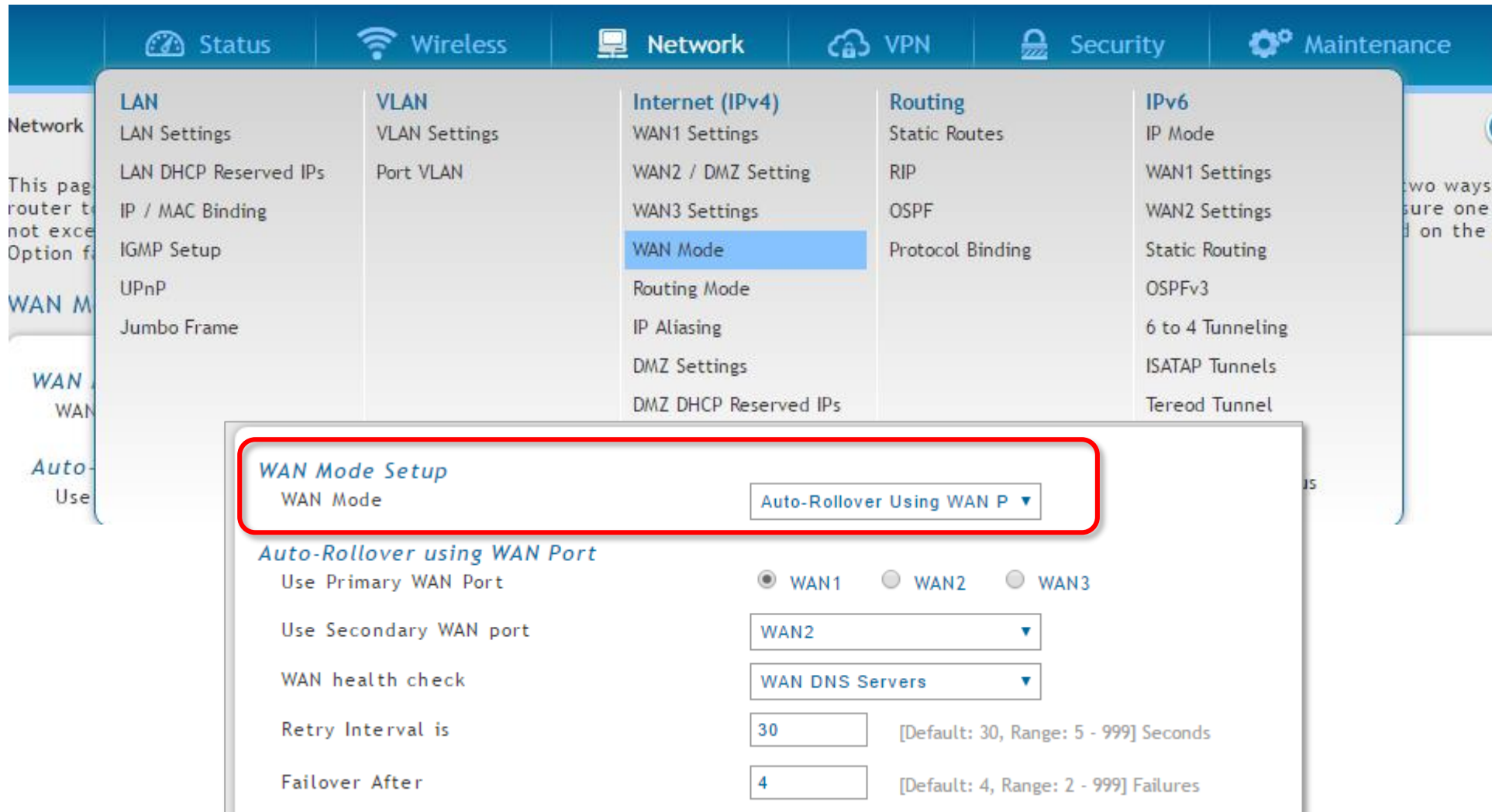
Configuration Steps:

- Enable Auto-Rollover feature on WAN.
- Select the backup WAN port.
- Specify the WAN failure detection method.

Go to *Network > WAN Mode*

Set WAN Mode to “Auto-Rollover Using WAN Port”.

Set WAN1 as you primary and WAN2 as your secondary WAN port.



The screenshot shows the D-Link router's configuration interface. The top navigation bar includes Status, Wireless, Network, VPN, Security, and Maintenance. The Network menu is expanded, showing options like LAN, VLAN, Internet (IPv4), Routing, and IPv6. The WAN Mode option is highlighted in blue. Below this, the WAN Mode Setup section is visible, with a red box around the WAN Mode dropdown menu. The dropdown is set to "Auto-Rollover Using WAN Port". Below this, the "Auto-Rollover using WAN Port" section is shown, with "Use Primary WAN Port" selected as WAN1, "Use Secondary WAN port" set to WAN2, and "WAN health check" set to WAN DNS Servers. The "Retry Interval" is set to 30 seconds, and "Failover After" is set to 4 failures.

Your router can detect when the primary connection has failed and automatically switch to the backup connection.

You can select the WAN failure detection method that works best for you:

**Method 1:
WAN DNS Servers.**

Verifying if DNS servers assigned on WAN are resolving names

WAN health check	<input type="text" value="WAN DNS Servers"/>
Retry Interval is	<input type="text" value="30"/> [Default: 30, Range: 5 - 999] Seconds
Failover After	<input type="text" value="4"/> [Default: 4, Range: 2 - 999] Failures

**Method 2:
DNS Servers.**

Verifying if the specified DNS server is resolving names

WAN health check	<input type="text" value="DNS Servers"/>
WAN 1	<input type="text" value="8.8.8.8"/>
Retry Interval is	<input type="text" value="30"/> [Default: 30, Range: 5 - 999] Seconds
Failover After	<input type="text" value="4"/> [Default: 4, Range: 2 - 999] Failures

**Method 3:
Ping IP Addresses.**

Verifying if the specified IP address can be reached using ping packet

WAN health check	<input type="text" value="Ping These IP Addresses"/>
WAN 1	<input type="text" value="61.88.88.88"/>
Retry Interval is	<input type="text" value="30"/> [Default: 30, Range: 5 - 999] Seconds
Failover After	<input type="text" value="4"/> [Default: 4, Range: 2 - 999] Failures

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