

# RV016, RV042, RV042G e° RV082 VPN Routeri ~ Advanced IPv6 Routing eµ-i,,±

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## ì ìš© ê°€ëšŒí'œ ìžŒí'~

- RV016
- RV042
- RV042G
- RV082

## ìŒŒí,,ìš,ì-ì-ë²,,ì,,

• v4.2.1.02

## IPv6 ë¼ìš°íŒ... ì,-ìš©

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**Network**

Host Name :  (Required by some ISPs)

Domain Name :  (Required by some ISPs)

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**IP Mode**

Mode	WAN	LAN
<input type="radio"/> IPv4 Only	IPv4	IPv4
<input checked="" type="radio"/> Dual-Stack IP	IPv4 and IPv6	IPv4 and IPv6

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IPv4

**LAN Setting**

MAC Address : 64:9E:F3:88:C6:88

Device IP Address :

Subnet Mask :  ▾

Multiple Subnet :  Enable

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**WAN Setting**

Interface	Connection Type	Configuration
WAN1	Obtain an IP automatically	<input type="button" value="Edit"/>
WAN2	Obtain an IP automatically	<input type="button" value="Edit"/>

2. IP Mode (IP Addressing) 中 Dual-Stack IP を選択し、IPv6 を有効にする。

3. LAN Setting 中の Multiple Subnet を Enable に設定し、Save をクリックする。

## IPv6 を有効にする

1. Router Configuration Utility の Setup (Advanced Routing) を実行し、Advanced Routing (IPv6 を有効にする) を選択する。

## Advanced Routing

IPv4 **IPv6**

### Dynamic Routing

Working Mode :  Gateway  Router

RIP :  Enabled  Disabled

Receive RIP versions :  ▼

Transmit RIP versions :  ▼

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### Static Routing

Destination IP :

Subnet Mask :

Default Gateway :

Hop Count (Metric, max. is 15) :

Interface :  ▼

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### Advanced Routing

IPv4 | IPv6

**Dynamic Routing**

Enable RIPng

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**Static Routing**

Destination IP :

Prefix Length :

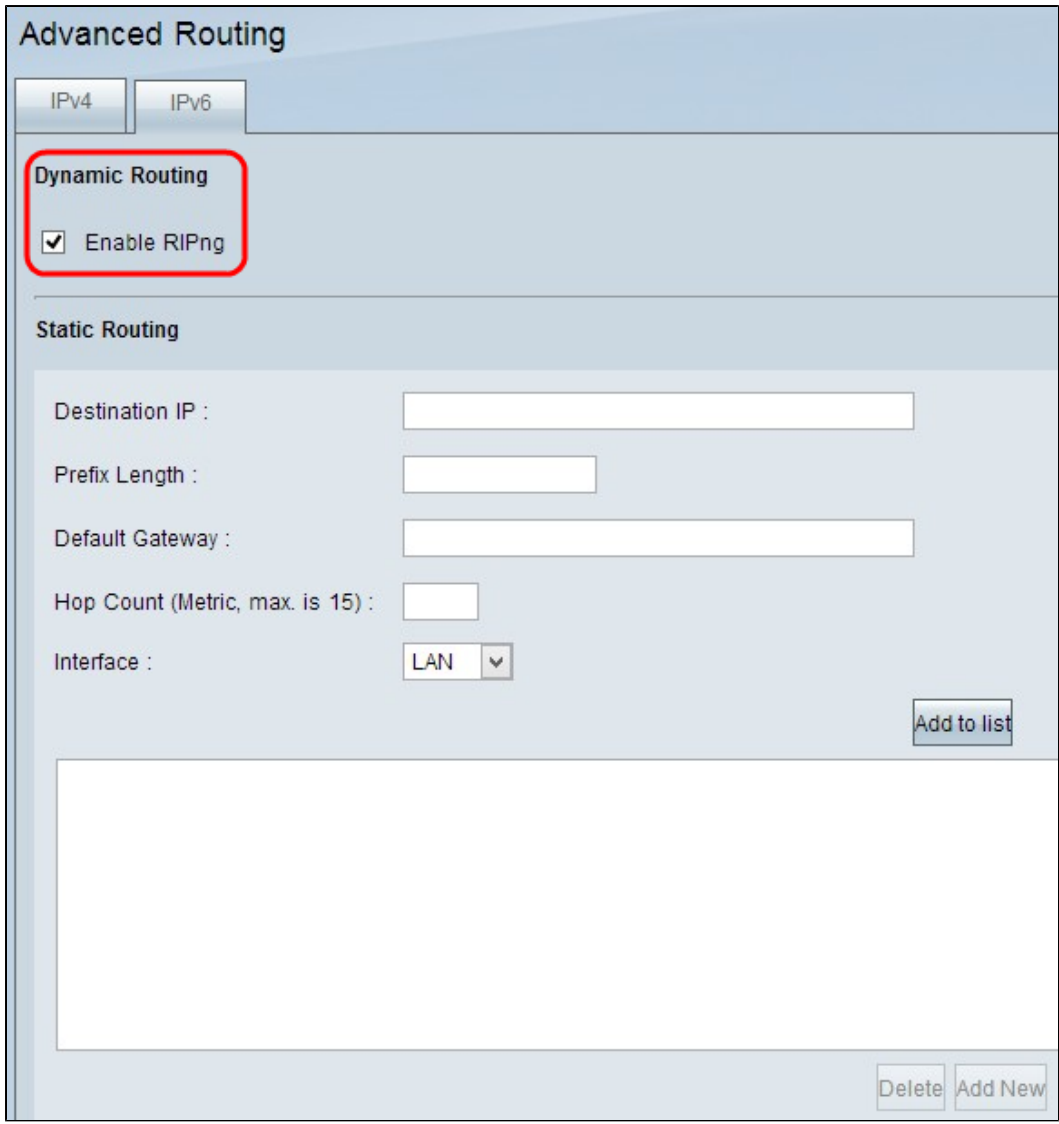
Default Gateway :

Hop Count (Metric, max. is 15) :

Interface :

### Configuring IPv6 Static Routing

Configuring IPv6 static routing involves defining the destination network, prefix length, default gateway, hop count, and the interface through which traffic will be sent. The interface is currently set to LAN. The configuration is saved by clicking 'Add to list'.



1. Enable RIPng (Routing Information Protocol) on the interface. In the Dynamic Routing section, check the 'Enable RIPng' checkbox. This will allow the router to learn routes from neighboring routers.

2. Save the configuration. Click the 'Save' button to apply the changes.

### IPv6 Configuration

3. Configure IPv6 on the interface. In the IPv6 section, check the 'Enable IPv6' checkbox. This will allow the router to process IPv6 traffic. Additionally, you may want to configure a static IPv6 route for the destination network. In the Static Routing section, enter the destination IP, prefix length, and default gateway. The interface should be set to LAN. Click the 'Add to list' button to add the route.

### Advanced Routing

IPv4 | IPv6

**Dynamic Routing**

Enable RIPng

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**Static Routing**

Destination IP :

Prefix Length :

Default Gateway :

Hop Count (Metric, max. is 15) :

Interface :

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1. Destination IP Address is configured on LAN interface for IPv6. It is 2001:0db8:0002:0100:0300:ff00:0042:8329.

2. Prefix is configured for IPv6. Prefix is 32.

3. Default Gateway (next hop) is configured as 2001:0db8:0002:0100:0300:ff00:0042:8328. It is the IPv6 address of the next hop.

4. Hop Count is configured as 2. It is the number of hops that the traffic must take to reach the destination. The maximum hop count is 15.

**Advanced Routing**

IPv4 | IPv6

**Dynamic Routing**

Enable RIPng

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**Static Routing**

Destination IP : 2001:0db8:0002:0100:0300:ff00:0042:8329

Prefix Length : 32

Default Gateway : 2001:0db8:0002:0100:0300:ff00:0042:8328

Hop Count (Metric, max. is 15) : 2

Interface : LAN  
LAN  
WAN1  
WAN2 Add to list

Delete Add New

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• LAN â€” ê³ ì • ê²¹/žë;œ Æì,±ë œ¼ìš°í,, òê°€ LAN ì—òê²° ê²œì ð íš,ì>~ì ð ë ð¼ìš°í,, òì—ðì,,œ ì ð, í,, òë,, ì—òê²°ì ð,, ê°€ì ð ð ð ìœ^œ.

• WAN 1 â€” ê³ ì • ê²¹/žë;œ Æì,±ë œ¼ìš°í,, òê°€ ì ð, í,, òë,, ì—òê²°ì ð,, ííµí•' ëœë¼, ë,,²ìš,ì>œí ð—ì™€ ì—òê²°ë ð ©ë<êœ.

• WAN 2 â€” ê³ ì • ê²¹/žë;œ Æì,±ë œ¼ìš°í,, òê°€ ë³¹•^ ì ð, í,, òë,, ì—òê²°ì ð,, ííµí•' ëœë¼, ë,,²ìš,ì>œí ð—ì™€ ì—òê²°í•©ë<êœ.

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### Advanced Routing

IPv4 | IPv6

**Dynamic Routing**

Enable RIPng

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**Static Routing**

Destination IP :

Prefix Length :

Default Gateway :

Hop Count (Metric, max. is 15) :

Interface :  ▾

2001:0db8:0002:0100:0300:ff00:0042:8329

7. Kliknite na polje "Destination IP" i unesite adresu 2001:0db8:0002:0100:0300:ff00:0042:8329. Zatim kliknite na "Update" gumb.

8. Kliknite na polje "Prefix Length" i unesite 32. Zatim kliknite na "Update" gumb.

9. Kliknite na polje "Default Gateway" i unesite adresu 2001:0db8:0002:0100:0300:ff00:0042:8328. Zatim kliknite na "Update" gumb.

10. Kliknite na "Add New" gumb. Zatim kliknite na "Update" gumb.



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