Configure Dynamic Domain Name Server on RV320 and RV325 VPN Router Series

Objective

Dynamic Domain Name System (DDNS) is a network service that allows a networked device using communication protocols (e.g., a router) to let the Domain Name System (DNS) know that it needs to change its active DNS configuration. It allows routers with different IP addresses to be located by the same Internet domain name. The benefit of using the DDNS is that it assigns fixed host and domain names to a dynamic Internet IP address. DDNS is useful if you want to host a website, FTP server, or other server behind the router.

The objective of this document is to explain how to configure DDNS services, which are offered by the DDNS service providers *DynDNS.org* and *3322.org*.

Note: Before you use any of these features, it is necessary to sign up for DDNS services at *DynDNS.org* or *3322.org*. The router notifies changes in the WAN IP address to the dynamic DNS servers so any public services on the network can access it through the static domain name.

Applicable Devices

- RV320 Dual WAN VPN Router
- RV325 Gigabit Dual WAN VPN Router

Software Version

- v1.1.0.09

Configure Dynamic Domain Name Server

Step 1. Log in to the web configuration utility and choose **Setup > Dynamic DNS**. The *Dynamic DNS* page opens:

Step 2. Click the appropriate radio button in the *Dynamic DNS Table* to choose the interface for which you want to configure DDNS.

Step 3. Click **Edit** to configure the interface.

The *Dynamic DNS* page re-opens with new fields available.

Note: The Interface field shows the interface that Dynamic DNS will be configured for.

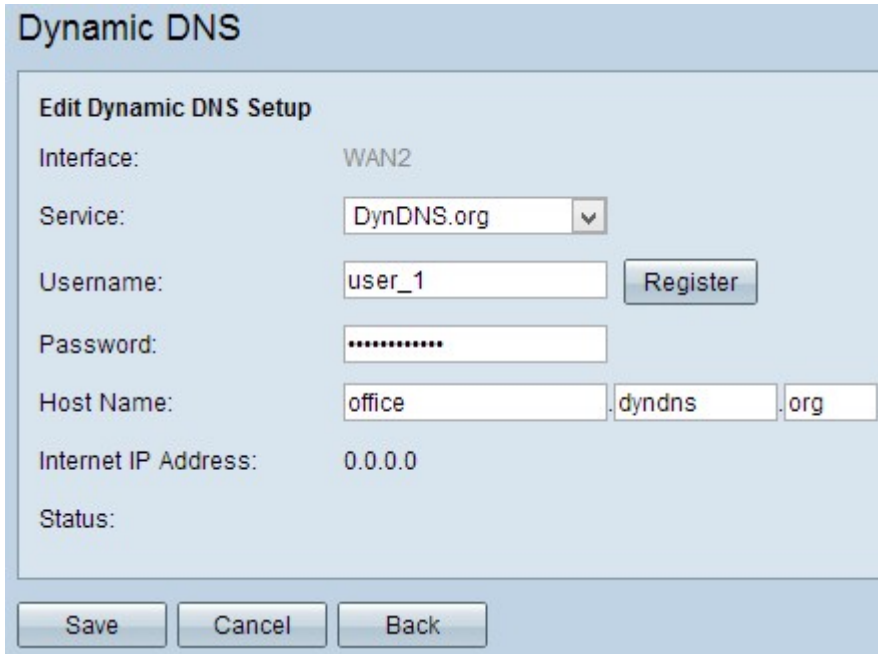Step 4. Choose the appropriate service from the *Service* drop-down list.

The available options are defined as follows:

• Disabled — Represents inactive service.

• *DynDNS.org* — Represents Dynamic DNS service. Dynamic DNS is an Infrastructure as a service (IaaS) cloud computing service provider used to provide DNS services to commercial and private users.

• *3322.org* — Represents 3322 service. 3322 is used to provide DNS services to commercial and private China users.

Step 5. Enter the username of the account in the *Username* field.
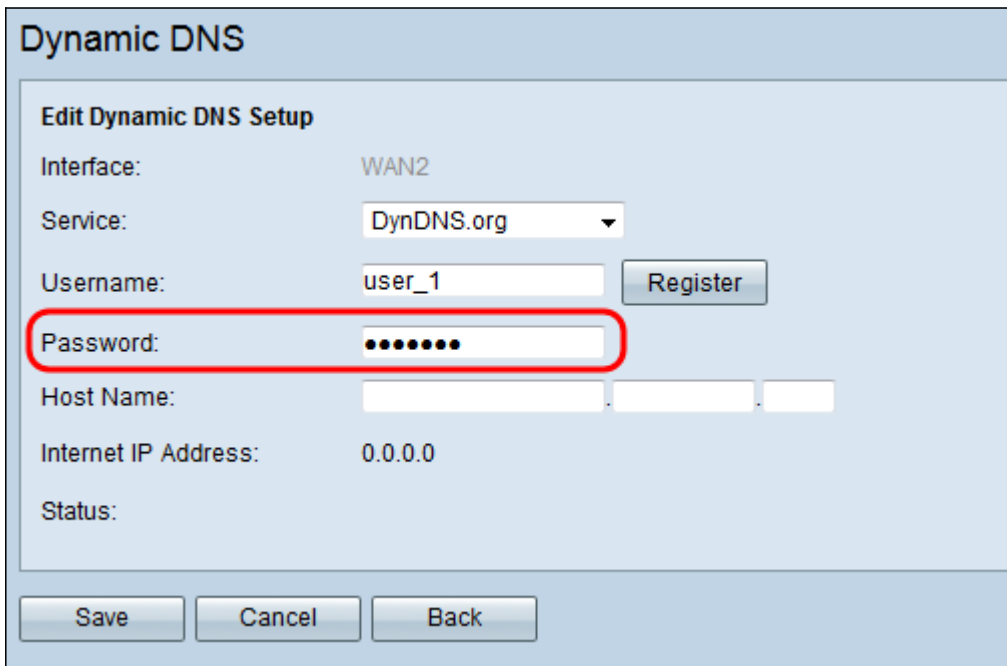
Dynamic DNS

Edit Dynamic DNS Setup

Interface:	WAN2
Service:	DynDNS.org ▾
Username:	user_1 [Register]
Password:	•••••••••••
Host Name:	office .dyndns .org
Internet IP Address:	0.0.0.0
Status:	

[Save] [Cancel] [Back]

Note: To sign up for a Dynamic DNS or 3322 account, click Register.

Step 6. Enter the password of the account in the *Password* field.

Dynamic DNS

Edit Dynamic DNS Setup

Interface:	WAN2
Service:	DynDNS.org ▾
Username:	user_1 [Register]
Password:	••••••••
Host Name:	. .
Internet IP Address:	0.0.0.0
Status:	

[Save] [Cancel] [Back]

Step 7. Enter a host name or domain name in the *Host Name* field based on the service you chose. If you chose *DynDNS.org*, enter the domain or host name in the first field, "dyndns" in the second field, and "org" in the last field. If you chose *3322.org* as your service, enter the domain or host name in the first field, "3322" in the second field, and "org" in the last field.

Note: The *Internet IP Address* field shows the IP address of the WAN for the specific interface. The *Status* field shows the status of the service you choose. Make sure to provide accurate information to avoid the incorrect status.

Step 8. Click **Save** to save the settings.