

# 在RV320和RV325 VPN路由器系列上管理DNS ( 域名系统 ) 本地数据库

## 目标

域名系统(DNS)用于将域名转换为IP地址。DNS本地数据库使路由器能够充当常用域名的本地DNS服务器。本地数据库帮助查找IP地址的速度比外部DNS服务器快。如果在本地数据库中找不到请求的域名，则请求将转发到WAN Setting页上配置的DNS服务器。

**注意：**如果希望将路由器用作本地DNS服务器以更快地将域名转换为IP地址，则需要将客户端设备(PC)配置为将路由器用作DNS服务器。

本文介绍如何管理RV32x VPN路由器系列上的DNS本地数据库。

## 适用设备

- RV320双WAN VPN路由器
- RV325千兆双WAN VPN路由器

## 软件版本

- v1.1.0.09

## 管理DNS本地数据库

步骤1. 登录Web配置实用程序，然后选择DHCP > DNS Local Database。“DNS本地数据库”页打开：



The screenshot shows the 'DNS Local Database' configuration page. At the top, there are two tabs: 'IPv4' (selected) and 'IPv6'. Below the tabs is a table titled 'DNS Local Database Table'. The table has two columns: 'Host Name' and 'IP Address'. Below the table, it says '0 results found!'. There are three buttons: 'Add', 'Edit', and 'Delete'. At the bottom of the page, there are two buttons: 'Save' and 'Cancel'.



步骤2.在IPv4和IPv6之间选择适当的服务，然后点击相应的选项卡。

·IPv4 - Internet协议第4版(IPv4)是32位Internet协议，最多可支持4,294,967,296个地址。

·IPv6 - Internet协议第6版(IPv6)是128位Internet协议，可支持比IPv4多得多的地址。

### 向DNS本地数据库添加条目



步骤1.单击Add，将新域名及其IP地址添加到数据库。将添加新行：



The screenshot shows the 'DNS Local Database' configuration window. At the top, there are two tabs: 'IPv4' (selected) and 'IPv6'. Below the tabs is a section titled 'DNS Local Database Table'. It contains a table with two columns: 'Host Name' and 'IP Address'. The table has one row with the values 'host1' and '192.178.2.3'. Below the table are three buttons: 'Add', 'Edit', and 'Delete'. At the bottom of the window are two buttons: 'Save' and 'Cancel'.

Host Name	IP Address
host1	192.178.2.3

步骤2.在Host Name字段中输入域名。

步骤3.在IP Address字段中输入域名的IP地址。

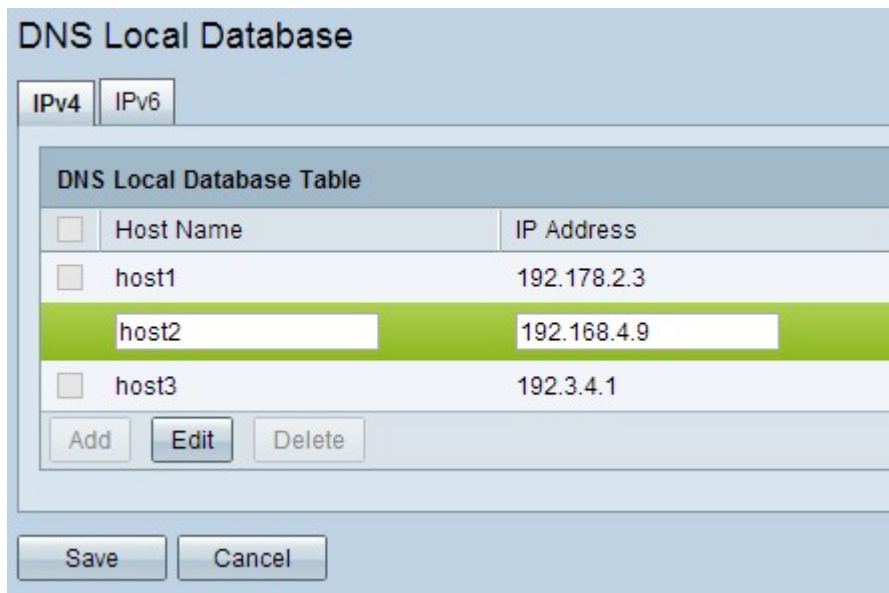
步骤4.单击“保存”以保存设置。

### 编辑DNS本地数据库的条目

The screenshot shows the 'DNS Local Database' configuration window. At the top, there are two tabs: 'IPv4' (selected) and 'IPv6'. Below the tabs is a section titled 'DNS Local Database Table'. It contains a table with two columns: 'Host Name' and 'IP Address'. The table has three rows: 'host1' with IP '192.178.2.3', 'host2' with IP '192.168.2.5', and 'host3' with IP '192.3.4.1'. The 'host2' row is highlighted in green and has a red circle around its checkbox. Below the table are three buttons: 'Add', 'Edit', and 'Delete'. At the bottom of the window are two buttons: 'Save' and 'Cancel'.

Host Name	IP Address
<input type="checkbox"/> host1	192.178.2.3
<input checked="" type="checkbox"/> host2	192.168.2.5
<input type="checkbox"/> host3	192.3.4.1

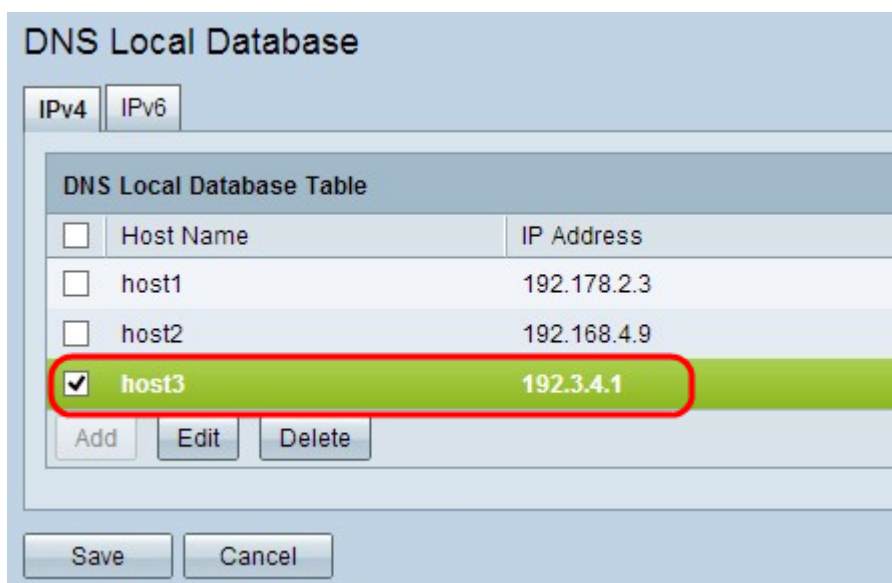
步骤1.选中要编辑的主机名旁边的复选框。



步骤2.单击“编辑”以更改相应的字段。

步骤3.单击“保存”保存设置。

## 从DNS本地数据库中删除条目



步骤1.选中要删除的主机名旁边的复选框。

步骤2.单击Delete删除该条目。

步骤3.单击“保存”保存设置。