

# Linksys RV042 Configuration

Configure general firewall settings in the RV042 under Firewall > General as show here:

LINKSYS®  
A Division of Cisco Systems, Inc.

Firmware Version: 1.3.12.19-tm

Firewall

10/100 4-port VPN Router

RV042

System Summary

Setup

DHCP

System Management

Port Management

Firewall

ProtectLink

VPN

Log

Wizard

Support

Logout

General

Access Rules

Content Filter

General

Restrict WEB Features

Firewall :

Enable

Disable

SPI (Stateful Packet Inspection) :

Enable

Disable

DoS (Denial of Service) :

Enable

Disable

Block WAN Request :

Enable

Disable

Remote Management :

Enable

Disable

Port: 80

HTTPS :

Enable

Disable

Multicast Pass Through :

Enable

Disable

Block :

Java

Cookies

ActiveX

Access to HTTP Proxy Servers

Don't block Java/ActiveX/Cookies/Proxy to Trusted Domains

Save Settings

Cancel Changes

SITEMAP

From the Firewall Tab, you can configure the Router to deny or allow specific internal users from accessing the Internet. You can also configure the Router to deny or allow specific Internet users from accessing the internal servers.

More...

CISCO SYSTEMS

Add the following two rules, replacing 1.1.1.1 with the actual IP of your phone system, to the RV042 under Firewall > Access Rules to allow traffic to/from your phone system:

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Access Rules

Content Filter

Add a new Access Rule

Services

Scheduling

Wizard

Enter Policy Name :

VTONE-IN

Action :

Allow

Service :

All Traffic [TCP&UDP/1~65535]

Service Management

Log :

Do Not Log these packets

Source Interface :

WAN2

Source IP :

Single

1

1

1

1

Destination IP :

Any

Apply this rule

always

to

to

(24-Hour Format)

Everyday

Sun

Mon

Tue

Wed

Thu

Fri

Sat

Return

Save Settings

Cancel Changes

SITEMAP

Action:  
Select the Allow or Deny radio button depending on the intent of the rule.

Service:  
Select the service from the Service pull-down menu. If the service you need is not listed in the menu, click the Service Management button to add new Service. Enter Service Name, Protocol and Port Range, and click Add to list and Save Setting.

More...

CISCO SYSTEMS

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Wizard

Support

Logout

General

Access Rules

Content Filter

Edit the Access Rule

Services

Scheduling

Enter Policy Name :

VTONE-OUT

Action :

Allow

Service :

All Traffic [TCP&UDP/1~65535]

Service Management

Log :

Do Not Log these packets

Source Interface :

LAN

Source IP :

Any

Destination IP :

Single

1

1

1

1

Apply this rule

always

0

to

0

to

0

(24-Hour Format)

Everyday

Sun

Mon

Tue

Wed

Thu

Fri

Sat

Return

Save Settings

Cancel Changes

SITEMAP

Action:  
Select the Allow or Deny radio button depending on the intent of the rule.

Service:  
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More...

CISCO SYSTEMS

Run a speed test at <http://linksys.speedtest.net/> to get an accurate reading of your available bandwidth.

It is highly suggested to run the test a few times throughout the day and use the minimum values collected to ensure proper configuration.

Enable QoS in the RV042 under System Management > Bandwidth Mangement using the information collected.

Enter the upload and download speed for the WAN interface you are using.

Set type to "Priority".

Click Service Management.

Add a new service as shown here:

Service Management

192.168.1.1 https://192.168.1.1/service02.htm

Feedback

Service Name

UDP

Protocol

UDP

17

Port Range

1

to

65535

DNS [UDP/53~53]

FTP [TCP/21~21]

HTTP [TCP/80~80]

HTTP Secondary [TCP/8080~8080]

HTTPS [TCP/443~443]

HTTPS Secondary [TCP/8443~8443]

TFTP [UDP/69~69]

IMAP [TCP/143~143]

NNTP [TCP/119~119]

POP3 [TCP/110~110]

SNMP [UDP/161~161]

SMTP [TCP/25~25]

TELNET [TCP/23~23]

TELNET Secondary [TCP/8023~8023]

TELNETSSL [TCP/992~992]

Update this service

Delete selected service

Add New

Apply

Cancel

Exit

Click "Add to list" and then Apply.

Select your WAN interface, the new service just created and click the box to enable.

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Dual-WAN

Bandwidth Management

SNMP

Diagnostic

Factory Default

Firmware Upgrade

Restart

Setting Backup

Bandwidth Management

The Maximum Bandwidth provided by ISP

Bandwidth Management Type

Priority

Interface	Upstream (Kbit/Sec)	Downstream (Kbit/Sec)
WAN1	512	512
WAN2	1324	11384

Type: ☐ Rate Control ☒ Priority

Interface

Service

UDP [UDP/1~65535]

Service Management

Direction

Upstream

Priority

High

Enable

☒

Add to list

Delete selected application

Summary

Save Settings

Cancel Changes

SITEMAP

Bandwidth Management refers to the capability of a network to provide better service to selected network traffic. One is Rate Control for minimum bandwidth (guarantee bandwidth) and maximum bandwidth (limit bandwidth) by Service and/or IP Address. The other is Priority for services.Both functionalities cancontrol Inbound or Outbound traffic.

More...

CISCO SYSTEMS

Click "Add to list" and then "Save Settings".