

Time Configuration on RV120W and RV220W

Objectives

Network Time Protocol (NTP) synchronizes the clocks of computers over a network. Custom NTP servers require different IP addresses or names, such as "pool.ntp.org." Most of the time, the default NTP server is already selected and only needs to be changed if a custom NTP server is known.

This document explains how to adjust the time manually through the use of NTP on the RV120W and RV220W.

Applicable Devices

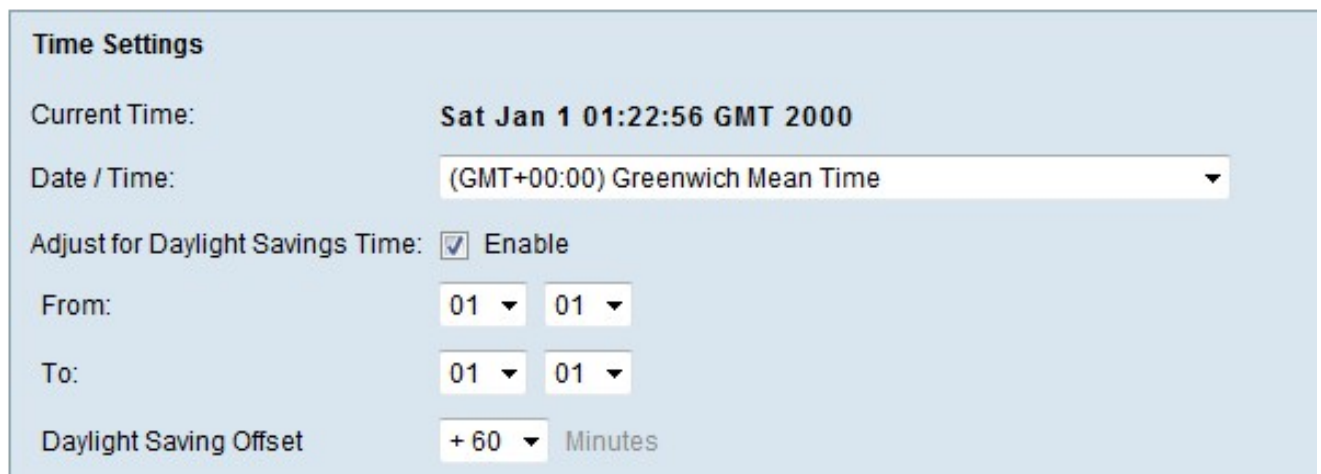
- RV120W
- RV220W

Software Version

- v1.0.4.17

Setting up the Time on the Router

Step 1. Log in to the web configuration utility and choose **Administration > Time Settings**. The *Time Settings* page opens:



The screenshot shows the 'Time Settings' configuration page. It includes the following fields and options:

- Current Time:** Sat Jan 1 01:22:56 GMT 2000
- Date / Time:** (GMT+00:00) Greenwich Mean Time (dropdown menu)
- Adjust for Daylight Savings Time:** Enable
- From:** 01 (dropdown) 01 (dropdown)
- To:** 01 (dropdown) 01 (dropdown)
- Daylight Saving Offset:** + 60 (dropdown) Minutes

Step 2. Choose the appropriate time zone that applies to your location from the Date/Time drop-down list.

Step 3. (Optional) In order to enable Daylight Savings Time, check the **Enable** check box in the Adjust for Daylight Savings Time field.

Step 4. Choose the date to start and stop daylight savings time from the From and To drop-down list if Auto Daylight Saving Time is enabled in Step 3.

Clock Source: Use NTP Server
 Set Date and Time Manually

NTP Server Configuration

NTP Server Settings: Default NTP Server
 Custom NTP Server

Default NTP Server: time-a.timefreq.bldrdoc.gov ▾

Custom NTP Server: time-a.timefreq.bldrdoc.gov

Set Time and Date

Enter Date and Time: 2006 ▾ - 01 ▾ - 01 ▾ , 01 ▾ : 22 ▾ : 56 ▾
YYYY MM DD HH mm ss

Step 5. Click the desired radio button for the clock type that will be used on the router. The options available are Use Network Time Protocol (NTP) Server or Set Date and Time Manually.

Step 6. If you chose Use NTP Server in Step 5, click the desired radio button in the NTP Server Settings field in the NTP Server Configuration area.

- Default NTP Server — Default NTP server settings are used and then choose a server from the Default NTP Server drop-down menu.
- Custom NTP Server — NTP Server settings, server addresses or fully qualified domain name can manually be added into the Custom NTP Server field.

Time Settings

Current Time: **Sat Jan 1 03:45:07 GMT 2000**

Date / Time: (GMT+00:00) Greenwich Mean Time ▼

Adjust for Daylight Savings Time: Enable

Clock Source: Use NTP Server
 Set Date and Time Manually

NTP Server Configuration

NTP Server Settings: Default NTP Server
 Custom NTP Server

Default NTP Server: time-a.timefreq.bldrdoc.gov ▼

Custom NTP Server: 0.us.pool.ntp.org

Set Time and Date

Enter Date and Time: MM / DD / YYYY - HH : MM : SS
01 / 01 / 2000 - 03 : 45 : 07

Step 7. If Set Date and Time Manually is chosen in Step 4, then the date and time has to be configured manually in the Set Time and Date area.

Step 8. Click **Save** to apply settings.