

Setting Time Range on 200, 300, & 500 Series Managed Switches

Objective:

The Time Range feature of the SG200, SG300, and SG500 Series devices can be defined and associated with certain command types to limit their domain to a certain time frame. Time Ranges can be applied to ACLs, 802.1X Port Authentication, Port Stat, and Time Based Power over Ethernet. The two types of time ranges are absolute and recurring. Absolute time range begins on a specified date and will never end unless given a specific date. Therefore, this parameter cannot contain recurring elements. Recurring time range contains an element that, when added to the absolute time range, begins and ends on a recurring basis.

The objective of this document is to show you how to set a time range on the SG200, SG300, and SG500 Series Switches.

Applicable Devices:

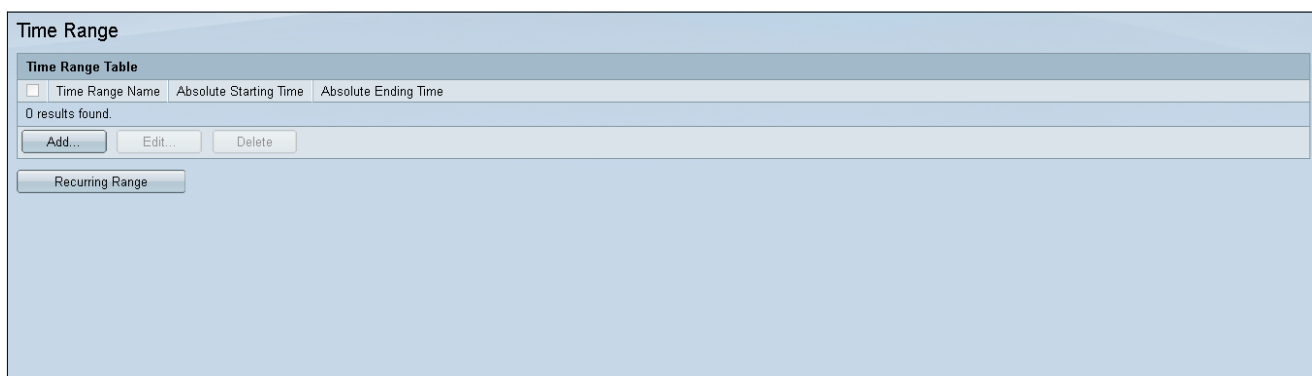
- Cisco Small Business 200, 300 & 500 series Managed Switches

Software Versions:

- 1.3.0.59

Setting the Absolute Time Range:

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



Time Range

<input type="checkbox"/>	Time Range Name	Absolute Starting Time	Absolute Ending Time
0 results found.			

Step 2. To add a new time range, click **Add**.

Time Range

Time Range Table			
<input type="checkbox"/>	Time Range Name	Absolute Starting Time	Absolute Ending Time
0 results found.			
<input type="button" value="Add..."/> <input type="button" value="Edit..."/> <input type="button" value="Delete"/>			
<input type="button" value="Recurring Range"/>			

Step 3. Enter a new time range name in the *Time Range Name* field.

Time Range Name: (0/32 Characters Used)

Absolute Starting Time:
 Immediate
 Date

 Time

 HH:MM

Absolute Ending Time:
 Infinite
 Date

 Time

 HH:MM

Step 4. In the *Absolute Starting Time* field choose the following option that is applicable to your device:

- Immediate – Select for the time range to start immediately.
- Date, Time – Enter the date and time that the Time Range begins.

(0/32 Characters Used)

Absolute Starting Time: Immediate
 Date 2010 Jan 01 Time 00 00 HH:MM

Absolute Ending Time: Infinite
 Date 2010 Jan 01 Time 00 00 HH:MM

Step 5. In the *Absolute Ending Time* field choose the following option that is applicable to your device:

- Immediate – Select for the time range to start immediately.
- Date, Time – Enter the date and time that the Time Range begins.

(0/32 Characters Used)

Absolute Starting Time: Immediate
 Date 2010 Jan 01 Time 00 00 HH:MM

Absolute Ending Time: Infinite
 Date 2010 Jan 01 Time 00 00 HH:MM

Setting the Recurring Time Range:

Step 1. Navigate to **Administration > Time Settings > Recurring Range**. The *Recurring Range* page opens.

Recurring Range

Recurring Range Table

Filter: *Time Range Name* equals to NewTimeRange

Recurring Starting Time Recurring Ending Time

0 results found.

Step 2. Select the absolute time range from the dropdown menu to add the recurring range.

The screenshot shows the 'Recurring Range' interface. At the top, there is a 'Recurring Range Table' section. Below it, a filter is set to 'Time Range Name equals to NewTimeRange' with a 'Go' button. There are two checkboxes: 'Recurring Starting Time' and 'Recurring Ending Time', both of which are unchecked. Below the checkboxes, it says '0 results found.' At the bottom of this section, there are two buttons: 'Add...' and 'Delete'. Below the entire interface is a 'Time Range' button.

Step 3. To add a new recurring time range, click **Add**.

This screenshot is identical to the previous one, but the 'Add...' button is highlighted with a red rectangle to indicate it should be clicked.

Step 4. In the *Recurring Starting Time* field, enter the date and time that the time range begins on a recurring basis.

The screenshot shows a configuration dialog box for a recurring time range. It has the following fields:

- Time Range Name: NewTimeRange
- Recurring Starting Time: Day of the Week (Mon), Time (00:00) in HH:MM format. This entire row is highlighted with a red rectangle.
- Recurring Ending Time: Day of the Week (Mon), Time (00:00) in HH:MM format.

At the bottom of the dialog, there are two buttons: 'Apply' and 'Close'.

Step 5. In the *Recurring Ending Time* field, enter the date and time that the time range ends on a recurring basis.

Time Range Name: NewTimeRange

Recurring Starting Time: Day of the Week Time HH:MM

Recurring Ending Time: Day of the Week Time HH:MM

Step 6. Click **Apply**.

Time Range Name: NewTimeRange

Recurring Starting Time: Day of the Week Time HH:MM

Recurring Ending Time: Day of the Week Time HH:MM