

# Time Periods

## Overview

Time periods configuration provide the ability to create time constraints.

This configuration element is used by many elements :

- [Hosts](#)
- [Checks](#)
- [Modulations](#)
- [Notifications](#)
- [Contacts](#)

Time periods feature gives ability to make basic and complex pattern.

It is possible to exclude some time range, by assembling more than one time periods.

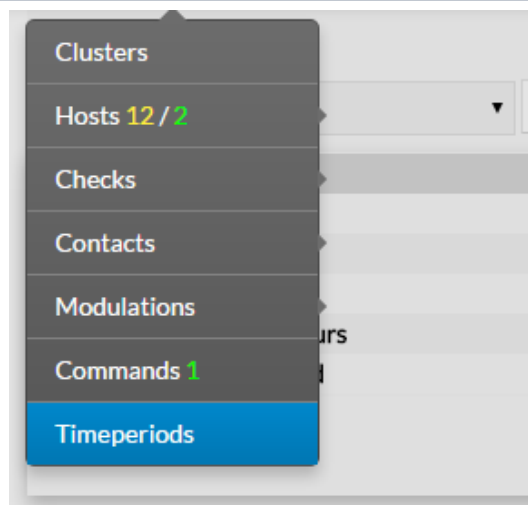
For example, a Time Period can be used to define a workhours period to notify contacts only on this range :

- Name : workhours
- Monday : 08:00-18:00
- Tuesday : 08:00-18:00
- Wednesday : 08:00-18:00
- Thursday : 08:00-18:00
- Friday : 08:00-18:00
- Saturday :
- Sunday :

Using this time period on a contact, will make notifications only valid from monday to Friday, on time range 8-18h.

A range also can be discontinuous : *Monday : 08:00-12:30,14:00-18:00*

Time period Configuration can be accessed by the Main Menu "Time Periods".



When accessing the Time Periods Configuration Page, a time period Table is displayed, listing all Time period objects.

On the top of the table, A tool bar let Administrators the ability to :

- Enable, Disable, Delete or Duplicate selected Time Periods
- Filter list by Name

A screenshot of the 'Timeperiods' configuration page. At the top, there is a toolbar with an 'Action:' dropdown, a 'Launch' button, and a 'Filter by name...' search box. Below the toolbar is a table with columns for 'Differences Name', 'Pack', and 'Status'.

Differences Name	Pack	Status
<input type="checkbox"/> 24x7		Enabled
<input type="checkbox"/> night		Enabled
<input type="checkbox"/> Paid		Enabled
<input type="checkbox"/> workhours		Enabled

This table contains the following informations :

- A check box to select one or more commands
- Differences
- Name
- Pack
- Status

This page also provides, on the left, an action Menu, used to :

- Add a new Time Period
- Show Time Period detected by Automatic Modules
- Accept differences on selected elements

## Create a new Time Period

To create a new Time Period, use the button "Add new [Time Period]" located in the Action Menu

**+ Add New [ Timeperiod ]**

Detected by Automatic Modules

 No new element

 Accept selected differences

Time Period creation form will be displayed.

This form is composed of tabs, corresponding to categories of properties :

- Generic
- Advanced

Timeperiod > 24x7		Value
Generic*	Property	
	Name*	24x7
Advanced	Monday	00:00-24:00
	Tuesday	00:00-24:00
	Wednesday	00:00-24:00
	Thursday	00:00-23:00
	Friday	00:00-24:00
	Saturday	00:00-24:00
	Sunday	00:00-24:00

The left menu give to Administrators the ability to :

- Validate the new Time Period
- Cancel the action
- Delete the Time Period

 Validate

 Cancel

 Delete

For each category, a corresponding form is displayed.

## Generic

Generic properties contains the minimum properties required to create a Time Period :

- **Name**
  - the name of the Time Period
  - this field is **required**
- **List of days**
  - For each day, an input field gives ability to set the time period of your needs
  - the value must be a range like **09:00-18:00**
  - it is possible to set a range for some of the fields, or for every fields

## Advanced

Advanced properties are used to add time period exclusions.

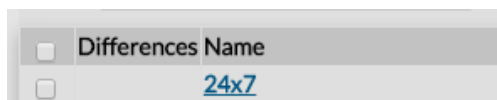
This feature aims to make more complex Time Period.

- **Exclude timeperiods**
  - This field is a list of time periods to exclude
  - Time periods must be selected using the dropdown list
  - More than one time periods can be added for exclusion

## Modify a Time Period

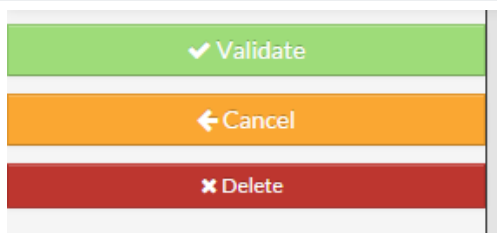
To modify properties of a time period, first go on the Time Periods page, from the Main menu,

then click on the name you want to modify.



The form displayed is the same as the form used to create a new Time Period.

All fields are filled with element properties.



Once changes have been made, configuration of the Time Period must be saved by clicking the Validate button available on the left menu

Cancel button revert all changes to precedent configuration.

## Delete a Time Period

To delete a command, you can use the form of the command, or delete it directly from the list page.

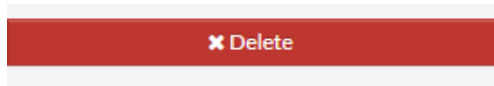
### From the Form page

First go to the Time Periods page, from the Main menu,

then click on the time period name you want to delete.

Once in the page displaying the form, click on the Delete button available on the left menu.

A confirmation popup will be displayed.



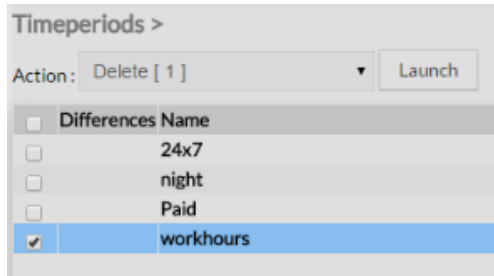
### From the Main page

First go to the Time Periods page, from the Main menu,

then click on the check box placed on the first column of the table.

Use the **Action** menu on the top to select **Delete**, and click to the **Launch Button**.

A confirmation popup will be displayed.



### Note

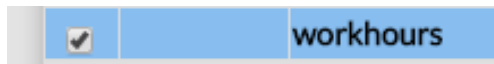
Using the Main page gives Administrators ability to **Delete** many Time periods at once.

## Create a new Time Period

Duplication operation is very useful when similar Time Periods must be added.

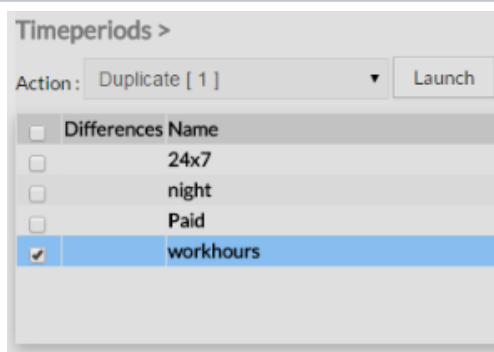
To duplicate a Time Period, first go on the Main page listing all time periods,

then select a time period by clicking on the check box placed on the first column.



Once selected, the time period can be duplicated by selecting **Duplicate** in the select **Action** of the tool bar.

Duplication is executed by clicking the **Launch** button.



The name of time period duplicated is suffixed by "**(copy)**"

Timeperiods >

Action:  ▾

<input type="checkbox"/>	Differences Name
<input type="checkbox"/>	24x7
<input type="checkbox"/>	night
<input type="checkbox"/>	Paid
<input type="checkbox"/>	workhours
<input type="checkbox"/>	workhours (copy)

Using the Main page gives Administrators ability to **Duplicate** many Time Periods at once.

All properties are kept when duplicating operation, as well as data.



*Duplicated time periods are totally detached and independant of the cloned time period.*

*No relation is made in the configuration.*