



# Overview

Notification way is used to define how contacts will be notified.

As for [Plugins](#) and [Commands](#), Notification way makes the link between the command executed and the Shinken Enterprise notification that will be sent to contacts, depending on elected element.

For example, if you want a contact to be notified by email, all during the day, and for any host or check states, we should define the following:

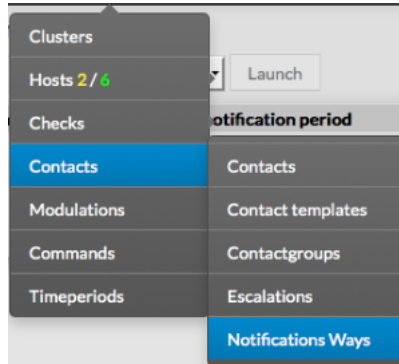
Notification can be from any type:

- send an email
- send a SMS
- turn on an alarm
- make tuxdroid shouting

The screenshot shows the configuration for a notification way named 'email'. It lists various properties and their values:

Property	Value
Name *	email
Host notification Period	24x7
Service notification Period	24x7
Enable host notifications	True [default] False <span>Inherit from template</span>
Enable check notifications	True [default] False <span>Inherit from template</span>
Host notification commands	Add <span>notify-host-by-email x</span>
Check notification commands	Add <span>notify-service-by-email x</span>
Host notification options	d,u,r,f,s
Check notification options	c,w,r
Minimum priority filter	0 (no filter) [default]

Notification Ways are available from the Contacts Menu



The main page of notification ways, gives a list of all existing elements with following details:

- a **CheckBox** used to select on or more notification ways
- **differences** since last commit
- **name** of the notification way
- **Host notification Period**
- **Check notification Period**
- **Status**

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

- Enable, Disable, Delete or Duplicate selected notification ways
- Filter List by Name

The screenshot shows the 'Notification ways' management page. It includes a toolbar with '+ Add New [ Notification Way ]', 'Action:' dropdown, 'Launch', and 'Filter by name...'. Below is a table of existing notification ways:

	Differences Name	Host notification period	Check notification period
<input type="checkbox"/>	email	24x7	24x7
<input type="checkbox"/>	sms	24x7	24x7

On the left side, there are buttons for 'Detected by Automatic Modules', 'No new element', and 'Accept selected differences'.

## Add a new Notification Way

To create a new notification way, use the button "Add new [Notification Way]" located in the Action Menu.

+ Add New [ Notification Way ]

The form displayed is composed of one tab:

- **Generic**, containing all necessary options

Notificationway >

Generic*	Property	Value
	Name *	<input type="text"/>
	Host notification Period	24x7 [default] ▼
	Service notification Period	24x7 [default] ▼
	Enable host notifications	True [default] False <b>Inherit from template</b>
	Enable check notifications	True [default] False <b>Inherit from template</b>
	Host notification commands	Ad ▼
	Check notification commands	Ad ▼
	Host notification options	d,u,r,f,s [default]
	Check notification options	c,w,r [default]
	Minimum priority filter	0 (no filter) [default]

The left menu give to Administrators the ability to:

- Validate the new notification way
- Cancel the action
- Delete the notification way

✓ Validate
← Cancel
✕ Delete

**Generic category form contains following options:**

- **Name**
  - the name of the notification way that will be used to identify and select it in other elements
  - this field is required
- **Host notification period**
  - defines the period on which host notification will be sent
  - the value must be selected from the dropdown, listing all existing timeperiods
- **Check notification period (attention Service notification period dans l'appli)**
  - defines the period on which check notification will be sent
  - the value must be selected from the dropdown, listing all existing timeperiods
- **Enable host notification**
  - defines if notification will be sent or not for host state changes
  - Value is set to True by default

*note : if value is set to False, notification way will be still used for host state changes, but no notification will be sent*

- **Enable check notification**
  - defines if notification will be sent or not for service state changes
  - Value is set to True by default

*note : if value is set to False, notification way will be still used for check state changes, but no notification will be sent*

Notificationway >	
Generic*	Property Value
	Name *
	Host notification Period <b>24x7 [default]</b>
	Service notification Period <b>24x7 [default]</b>
	Enable host notifications <b>True [default]</b> <b>False</b> <b>Inherit from template</b>
	Enable check notifications <b>True [default]</b> <b>False</b> <b>Inherit from template</b>
	Host notification commands <b>Ad</b>
	Check notification commands <b>Ad</b>
	Host notification options <b>d,u,r,f,s [default]</b>
	Check notification options <b>c,w,r [default]</b>
	Minimum priority filter <b>0 (no filter) [default]</b>

- **Check notification options**
  - defines a list of flags, used to filter states that should generate a notification
  - values is a comma separated list of flags, valid values are :
    - **c** : send a notification for a CRITICAL state
    - **w** : send a notification for a WARNING state
    - **u** : send a notification for an UNKNOWN state
    - **r** : send a notification for a RECOVERY state
    - **f** : send a notification for a FLAPPING state
    - **n** : none, no notification will be sent for Check state changes
  - if no flag is filled, any check state will generate a notification
- **Minimum priority Filter**
  - This value is used to send a notification, only if the criticality is equal or higher the minimum fixed

*note : this is very useful to send notification for critical systems only, for example for a gateway or a DB server*

- **Host notification commands**
  - defines the command that will be used to notify contacts when an host event occurs
  - the value must be chosen from the dropdown list of available commands
- **Check notification commands**
  - defines the command that will be used to notify contacts when a check event occurs
  - the value must be chosen from the dropdown list of available commands
- **Host notification options**
  - defines a list of flags, used to filter states that should generate a notification
  - values is a comma separated list of flags, valid values are :
    - **d** : send a notification for a DOWN state
    - **u** : send a notification for an UNREACHABLE state
    - **r** : send a notification for a RECOVERY state
    - **f** : send a notification for a FLAPPING state
    - **s** : send a notification for a SCHEDULED DOWNTIME
    - **n** : none, no notification will be sent if this flag is used
  - if no flag is filled, any host state will generate a notification

## Modify a notification way

To modify properties of a notification way, first go on the Notification Ways page, from the Main menu, and then click on the notification way name you want to modify.

The form displayed is the same as the form used to create a new contact. All fields are filled with Notification way properties.

Once changes have been made, configuration of the contact have to be saved by clicking the Validate button available on the left menu.

Cancel button revert all changes to previous configuration.

<input type="checkbox"/>	Differences Name	Host notification period	Check notification period
<input type="checkbox"/>	email	24x7	24x7
<input type="checkbox"/>	sms	24x7	24x7

## Delete a notification way

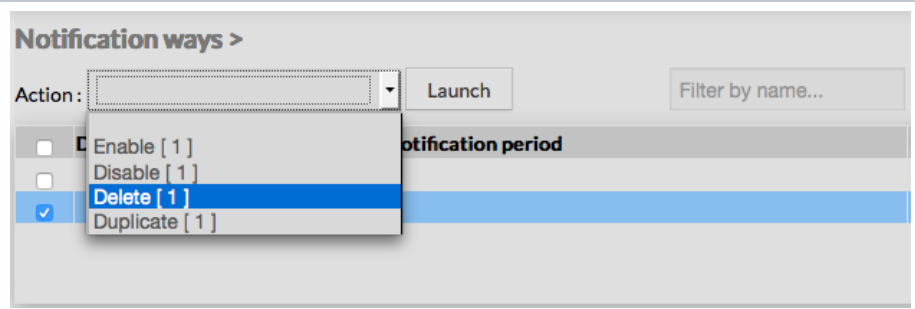
To delete a notification way, you can use the form of the notification way, or delete it directly from the list page.

### From the Form page

First go to the Notification Ways page, in the Main menu, then click on the notification way 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.



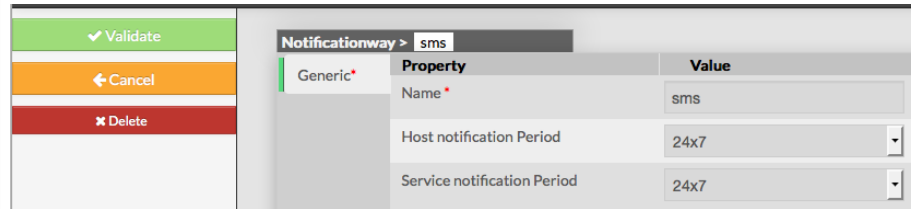
### From the Main page

First go to the Notification Ways 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.

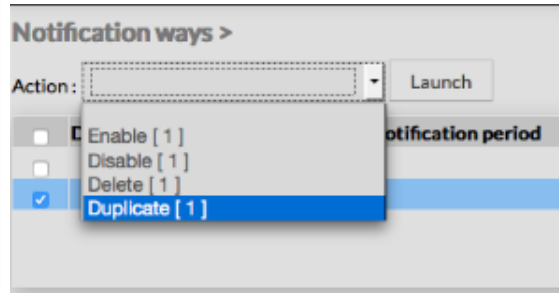
Using the Main page gives Administrators ability to **Delete** many Elements at once.



## Duplicate a notification way

Duplication operation is very useful when similar notification ways must be added.

To duplicate a notification way, first go on the Main page listing all notification ways. Then select one by clicking on the check box placed on the first column.



Once selected, the notification way 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 notification way duplicated is suffixed by "**copy**"

