

1 Configuring a trigger

Overview

To configure a trigger, do the following:

- Go to: *Configuration* → *Hosts*
- Click on *Triggers* in the row of the host
- Click on *Create trigger* to the right (or on the trigger name to edit an existing trigger)
- Enter parameters of the trigger in the form

Configuration

The **Trigger** tab contains all the essential trigger attributes.

The screenshot shows the Zabbix Trigger configuration interface. At the top, there are two tabs: 'Trigger' (selected) and 'Dependencies'. The main form contains the following fields and controls:

- Name:** A text input field containing 'Disk I/O is overloaded on {HOST.NAME}'.
- Expression:** A large text area containing the Zabbix expression '{Template OS Linux:system.cpu.util[,iowait].avg(5m)}>20'. To the right of this field is an 'Add' button.
- Expression constructor:** A link below the expression field.
- Multiple PROBLEM events generation:** A checkbox that is currently unchecked.
- Description:** A text area containing the text 'OS spends significant time waiting for I/O (input/output) operations. It could be indicator of performance issues with storage system.'
- URL:** An empty text input field.
- Severity:** A set of radio buttons with labels: 'Not classified', 'Information', 'Warning' (highlighted in yellow), 'Average', 'High', and 'Disaster'.
- Enabled:** A checkbox that is checked.

At the bottom of the form, there are two buttons: 'Add' (highlighted in orange) and 'Cancel'.

Parameter	Description
Name	<p>Trigger name.</p> <p>The name may contain the supported macros: {HOST.HOST}, {HOST.NAME}, {HOST.CONN}, {HOST.DNS}, {HOST.IP}, {ITEM.VALUE}, {ITEM.LASTVALUE} and {\$MACRO}.</p> <p>\$1, \$2...\$9 macros can be used to refer to the first, second...ninth constant of the expression.</p> <p><i>Note:</i> \$1-\$9 macros will resolve correctly if referring to constants in relatively simple, straightforward expressions. For example, the name "Processor load above \$1 on {HOST.NAME}" will automatically change to "Processor load above 5 on New host" if the expression is {New host:system.cpu.load[percpu,avg1].last()}>5</p>
Expression	Logical expression used for calculating the trigger state.
Multiple PROBLEM events generation	By checking this option you can set that an event is generated upon every 'Problem' evaluation of the trigger.
Description	Text field used to provide more information about this trigger. May contain instructions for fixing specific problem, contact detail of responsible staff, etc. <i>Starting with Zabbix 2.2</i> , the description may contain the same set of macros as trigger name.
URL	If not empty, the URL entered here is available as a link when clicking on the trigger name in <i>Monitoring</i> → <i>Triggers</i> . One macro may be used in the trigger URL field - {TRIGGER.ID}.
Severity	Set the required trigger severity by clicking the buttons.
Enabled	Unchecking this box will disable the trigger if required.

The **Dependencies** tab contains all the **dependencies** of the trigger.

Click on *Add* to add a new dependency.

You can also configure a trigger by opening an existing one, pressing the *Clone* button and then saving under a different name.

From: <https://www.zabbix.com/documentation/2.4/> - **Zabbix Documentation 2.4**

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