

## 2 Actions

### Overview

If you want some operations taking place as a result of events (for example, notifications sent), you need to configure actions.

Actions can be defined for the events of all three sources:

- Triggers - when trigger status changes
- Discovery - when discovery takes place
- Auto registration - when new active agents auto-register

### Configuring an action

To configure an action, do the following:

- Go to *Configuration* → *Actions*
- From the *Event source* dropdown select the required source
- Click on *Create action*
- Set general action attributes
- Choose the [operation](#) to carry out, in Operations tab
- Choose the [conditions](#) upon which the operation is carried out, in Conditions tab

General action attributes:

| Action                          | Conditions  | Operations |
|---------------------------------|---|------------|
| Name                            | Report problems to Zabbix administrators  |            |
| Default operation step duration | 300 (minimum 60 seconds)  |            |
| Default subject                 | {TRIGGER.STATUS}: {TRIGGER.NAME}  |            |
| Default message                 | Trigger: {TRIGGER.NAME}<br>Trigger status: {TRIGGER.STATUS}<br>Trigger severity: {TRIGGER.SEVERITY}<br>Trigger expression: {TRIGGER.EXPRESSION}<br><br>1. Item value on {HOST.NAME1}: {ITEM.VALUE1} ({ITEM.NAME1})<br>2. Item value on {HOST.NAME2}: {ITEM.VALUE2} ({ITEM.NAME2}) |            |
| Recovery message                | <input checked="" type="checkbox"/>   |            |
| Recovery subject                | {TRIGGER.STATUS}: {TRIGGER.NAME}  |            |
| Recovery message                | Trigger: {TRIGGER.NAME}<br>Trigger status: {TRIGGER.STATUS}<br><br>{EVENT.ID}<br>{EVENT.AGE}<br>{EVENT.DATE}<br>{EVENT.TIME}<br>{EVENT.ACK.STATUS}<br>{EVENT.ACK.HISTORY}<br><br>{EVENT.RECOVERY.ID}  |            |
| Enabled                         | <input checked="" type="checkbox"/>   |            |

| Parameter                       | Description   |
|---------------------------------|---|
| Name                            | Unique action name.   |
| Default operation step duration | Duration of one operation step by default (minimum 60 seconds). For example, an hour-long step duration means that if an operation is carried out, an hour will pass before the next step. Naming before Zabbix 2.0.2: <i>Default escalation period</i>   |
| Default subject                 | Default message subject. The subject may contain <a href="#">macros</a> .   |
| Default message                 | Default message. The message may contain <a href="#">macros</a> .   |
| Recovery message                | <p>Mark the checkbox to turn on a <i>Recovery message</i>. <i>Recovery message</i> is a special way of getting notified for a resolved problem. If turned on, only a <b>single</b> message with a custom subject/body is sent if trigger value changes to OK.</p> <p><i>Note:</i> To receive a recovery message, "Trigger value=<i>Problem</i>" must be present in action <a href="#">conditions</a>; "Trigger value=<i>OK</i>", however, must not be present. (If "Trigger value=<i>OK</i>" is set, the recovery message will not work; instead you will get a full escalation of defined messages and/or remote commands in the same way as for a problem situation).</p> <p><i>Recovery message</i> will be sent only to those who received any messages regarding the problem before.</p> |
| Recovery subject                | Recovery message subject. It may contain macros.  |
| Recovery message                | Recovery message. It may contain macros. Starting with Zabbix 2.0.4, recovery message can also be left empty.   |
| Enabled                         | Mark the checkbox to enable the action. Otherwise it will be disabled.  |

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