

# 13 Trapper items

## Overview

Trapper items accept incoming data instead of querying for it.

It is useful for any data you might want to “push” into Zabbix.

To use a trapper item you must:

- have a trapper item set up in Zabbix
- send in the data into Zabbix

## Configuration

### Item configuration

To configure a trapper item:

- Go to: *Configuration* → *Hosts*
- Click on *Items* in the row of the host
- Click on *Create item*
- Enter parameters of the item in the form

The screenshot shows the 'Item configuration' form in Zabbix. The title is 'Item "New host : Trapper item"'. The fields are:
 

- Host:** A dropdown menu showing 'New host' and a 'Select' button.
- Name:** A text input field containing 'Trapper item'.
- Type:** A dropdown menu showing 'Zabbix trapper'.
- Key:** A text input field containing 'trap' and a 'Select' button.
- Type of information:** A dropdown menu showing 'Text'.
- Keep history (in days):** A text input field containing '7' and a 'Clear history' button.
- Status:** A dropdown menu showing 'Active'.
- Allowed hosts:** An empty text input field.

The fields that require specific information for trapper items are:

<i>Type</i>	Select <b>Zabbix trapper</b> here.
<i>Key</i>	Enter a key that will be used to recognize the item when sending in data.
<i>Type of information</i>	Select the type of information that will correspond the format of data that will be sent in.

<i>Allowed hosts</i>	If specified, the trapper will accept incoming data only from this comma-delimited list of hosts. Hosts are identified by IP address/DNS name. For example: <i>Single IP:</i> 192.168.1.33 <i>List of IP addresses:</i> 192.168.56.5, 192.168.56.6, 192.168.56.7 <i>Single DNS name:</i> testzabbix.zabbix.com <i>List of DNS names:</i> testzabbix, testzabbix.zabbix.com, testzabbix1.zabbix.com Spaces and <a href="#">user macros</a> are allowed in this field since Zabbix 2.2.0.
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You may have to wait up to 60 seconds after saving the item until the server picks up the changes from a configuration cache update, before you can send in values.

### Sending in data

In the simplest of cases, we may use [zabbix\\_sender](#) utility to send the monitoring data for trapper item. If we have sent the value "test value" for our trapper item, here is how it will appear in *Monitoring* → *Latest data*:

Trapper item	13 Jan 2012 11:13:52	test value	-	<a href="#">History</a>
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