

# 1 Configuring a host

## Overview

To configure a host in Zabbix frontend, do the following:

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

You can also use the *Clone* and *Full clone* buttons in the form of an existing host to create a new host. Clicking on *Clone* will retain all host parameters and template linkage (keeping all entities from those templates). *Full clone* will additionally retain directly attached entities (applications, items, triggers, graphs, low-level discovery rules and web scenarios).

*Note:* When a host is cloned, it will retain all template entities as they are originally on the template. Any changes to those entities made on the existing host level (such as changed item interval, modified regular expression or added prototypes to the low-level discovery rule) will not be cloned to the new host; instead they will be as on the template.

## Configuration

The **Host** tab contains general host attributes:

Parameter	Description
<i>Host name</i>	Enter a unique host name. Alphanumerics, spaces, dots, dashes and underscores are allowed. <i>Note:</i> With Zabbix agent running on the host you are configuring, the agent <a href="#">configuration file</a> parameter <i>Hostname</i> must have the same value as the host name entered here. The name in the parameter is needed in the processing of <a href="#">active checks</a> .
<i>Visible name</i>	If you set this name, it will be the one visible in lists, maps, etc. This attribute has UTF-8 support.
<i>Groups</i>	Select host groups the host belongs to. A host must belong to at least one host group.
<i>New host group</i>	A new group can be created and linked to the host. Ignored, if empty.
<i>Interfaces</i>	Several host interface types are supported for a host: <i>Agent</i> , <i>SNMP</i> , <i>JMX</i> and <i>IPMI</i> . To add a new interface, click on <i>Add</i> in the <i>Interfaces</i> block and enter <i>IP/DNS</i> , <i>Connect to</i> and <i>Port</i> info. <i>Note:</i> Interfaces that are used in any items cannot be removed and link <i>Remove</i> is greyed out for them. <i>Use bulk requests</i> option for SNMP interfaces allows to enable/disable <a href="#">bulk processing</a> of SNMP requests per interface.
<i>IP address</i>	Host IP address (optional).
<i>DNS name</i>	Host DNS name (optional).
<i>Connect to</i>	Clicking the respective button will tell Zabbix server what to use to retrieve data from agents: <b>IP</b> - Connect to the host IP address (recommended) <b>DNS</b> - Connect to the host DNS name

Parameter	Description
<i>Port</i>	TCP/UDP port number. Default values are: 10050 for Zabbix agent, 161 for SNMP agent, 12345 for JMX and 623 for IPMI.
<i>Default</i>	Check the radio button to set the default interface.
<i>Description</i>	Enter the host description.
<i>Monitored by proxy</i>	The host can be monitored either by Zabbix server or one of Zabbix proxies: <b>(no proxy)</b> - host is monitored by Zabbix server <b>Proxy name</b> - host is monitored by Zabbix proxy "Proxy name"
<i>Enabled</i>	Mark the checkbox to make the host active, ready to be monitored. If unchecked, the host is not active, thus not monitored.

The **Templates** tab allows you to link [templates](#) to the host. All entities (items, triggers, graphs and applications) will be inherited from the template.

To link a new template, start typing in the *Link new templates* field until a list of matching templates appear. Scroll down to select. When all templates to be linked are selected, click on *Add*.

To unlink a template, use one of the two options in the *Linked templates* block:

- *Unlink* - unlink the template, but preserve its items, triggers and graphs
- *Unlink and clear* - unlink the template and remove all its items, triggers and graphs

Listed template names are clickable links leading to the template configuration form.

See also [known issues](#) about template linkage.

The **IPMI** tab contains IPMI management attributes.

Parameter	Description
<i>Authentication algorithm</i>	Select the authentication algorithm.
<i>Privilege level</i>	Select the privilege level.
<i>Username</i>	User name for authentication.
<i>Password</i>	Password for authentication.

The **Macros** tab allows you to define host-level [user macros](#).

The **Host inventory** tab allows you to manually enter [inventory](#) information for the host. You can also select to enable *Automatic* inventory population, or disable inventory population for this host.

## Configuring a host group

To configure a host group in Zabbix frontend, do the following:

- Go to: *Configuration* → *Host groups*
- Click on *Create Group* in the upper right corner of the screen
- Enter parameters of the group in the form

Host group

Group name: Zabbix servers

Hosts: Hosts in

- Zabbix server

Other hosts | Group: All

- A test host
- A test host2
- HP Procurve switch
- New host
- New template
- Template App FTP Service
- Template App HTTP Service
- Template App HTTPS Service
- Template App IMAP Service
- Template App LDAP Service
- Template App MySQL
- Template App NNTS Service
- Template App NTP Service
- Template App POP Service
- Template App SMTP Service
- Template App SSH Service
- Template App Telnet Service
- Template App Zabbix Agent
- Template App Zabbix Proxy
- Template App Zabbix Server
- Template ICMP Ping
- Template IPMI Intel SR1530
- Template IPMI Intel SR1630
- Template JMX Generic
- Template JMX Tomcat

Buttons: Update, Clone, Delete, Cancel

Parameter	Description
Group name	Enter a unique host group name.
Hosts	Select hosts, members of the group. A host group may have zero, one or more hosts.

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