

ZABBIX 5.0

Zabbix Host Add

Install zabbix agent on the remote server by the documentation link given below.

link : <https://sbcode.net/zabbix/agent-same-network/>

From this doc we can select appropriate steps to install zabbix-agent on different Operating systems.

For the purpose of our documentation I am selecting a centos 7 server (zabbix 5.0 section).
Login to the remote server and execute the following commands

```
rpm -Uvh https://repo.zabbix.com/zabbix/5.0/rhel/7/x86_64/zabbix-release-5.0-1.el7.noarch.rpm
yum clean all
yum install zabbix-agent
```

Centos 7

```
1 rpm -Uvh https://repo.zabbix.com/zabbix/5.0/rhel/7/x86_64/zabbix-release-5.0-1
2 yum clean all
3 yum install zabbix-agent
```

Then before editing the configuration file take a backup.

```
cp /etc/zabbix/zabbix_agentd.conf /etc/zabbix/zabbix_agentd.conf_back
```

Then open the configuration file add appropriate values as given below.

```
vi /etc/zabbix/zabbix_agentd.conf
```

```
Server=zabbix.spotfixcrew.com
```

```
ServerActive=zabbix.spotfixcrew.com
```

```
Hostname=(server hostname)
```

Then restart the service

```
systemctl restart zabbix-agent.service
```

```
systemctl status zabbix-agent.service
```

Now goto Zabbix Dashboard > Configuration > Hosts > Create Host

The screenshot shows the 'Create Host' form in the Zabbix web interface. The left sidebar contains navigation links for Monitoring, Inventory, Reports, Configuration, and Administration. The 'Configuration' section is expanded, showing Host groups, Templates, Hosts, Maintenance, Actions, Event correlation, Discovery, Services, and Administration. The 'Hosts' page is active, displaying a form for creating a new host. The form includes fields for Host name (spotfixcrew.com Server), Visible name, Groups (Linux servers, Websites), Interfaces (Agent, 51.158.124.110, spotfixcrew.com, IP, DNS, 10050), Description, Monitored by proxy (no proxy), and Enabled (checked). The 'Connect to' section is set to IP and DNS.

Then give appropriate details as given above. We can add our host to different groups. Also connection to the host can be selected (IP or Hostname) on the 'connect to' section.

Now we need to configure Templates. For that select the Templates section and click 'select'. Then select the 'Template OS Linux by Zabbix agent' option.

The screenshot shows the 'Templates' selection dialog in the Zabbix web interface. The dialog is titled 'Templates' and has a 'Host group' field set to 'Templates/Operating systems'. A list of templates is displayed, including 'Template OS AIX', 'Template OS FreeBSD', 'Template OS HP-UX', 'Template OS Linux by Prom', 'Template OS Linux by Zabbix agent' (selected), 'Template OS Linux by Zabbix agent active', 'Template OS Linux SNMP', 'Template OS Mac OS X', 'Template OS OpenBSD', 'Template OS Solaris', 'Template OS Windows by Zabbix agent', 'Template OS Windows by Zabbix agent active', and 'Template OS Windows SNMP'. The 'Select' button is highlighted.

Now click 'Add' button to create new Host. Wait for 2 minute and our host will connect.

We can verify by the green colour in Availability section.

Name	Interface	Availability	Tags	Problems	Status	Latest data	Problems	Graphs	Screens
Zabbix server	127.0.0.1: 10050	ZBX SNMP JMX IPMI			Enabled	Latest data	Problems	Graphs 21	Screens
spotfixcrew.com Server	51.158.124.110: 10050	ZBX SNMP JMX IPMI		1	Enabled	Latest data	Problems 1	Graphs 21	Screens
yabelo.com Server	yabelo.com: 10050	ZBX SNMP JMX IPMI		1	Enabled	Latest data	Problems 1	Graphs 63	Screens
newsnationglobal.com Server	newsnationglobal.com: 10050	ZBX SNMP JMX IPMI		1 2	Enabled	Latest data	Problems 3	Graphs 21	Screens
admin2.evenzia.com	admin2.evenzia.com: 10050	ZBX SNMP JMX IPMI		1	Enabled	Latest data	Problems 1	Graphs 27	Screens
admin3.evenzia.com	admin3.evenzia.com: 10050	ZBX SNMP JMX IPMI			Enabled	Latest data	Problems	Graphs 21	Screens
admin4.evenzia.com	admin4.evenzia.com: 10050	ZBX SNMP JMX IPMI			Enabled	Latest data	Problems	Graphs 13	Screens

If our remote server is under firewall, we need to open port 10050 for proper working

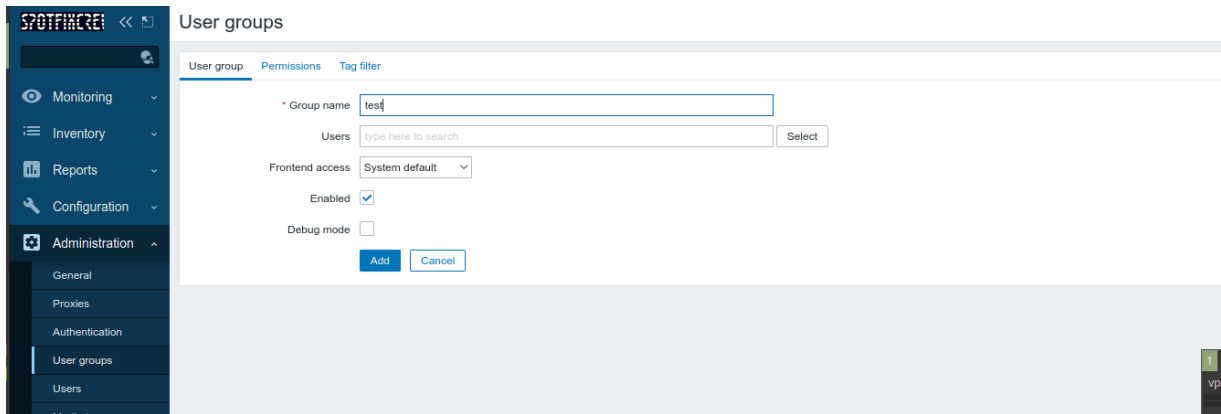
Add Dedicated User

First see in which Host Group our host is included. Assign a dedicated Host group for our Host. We can see our host in Configuration > Host groups.

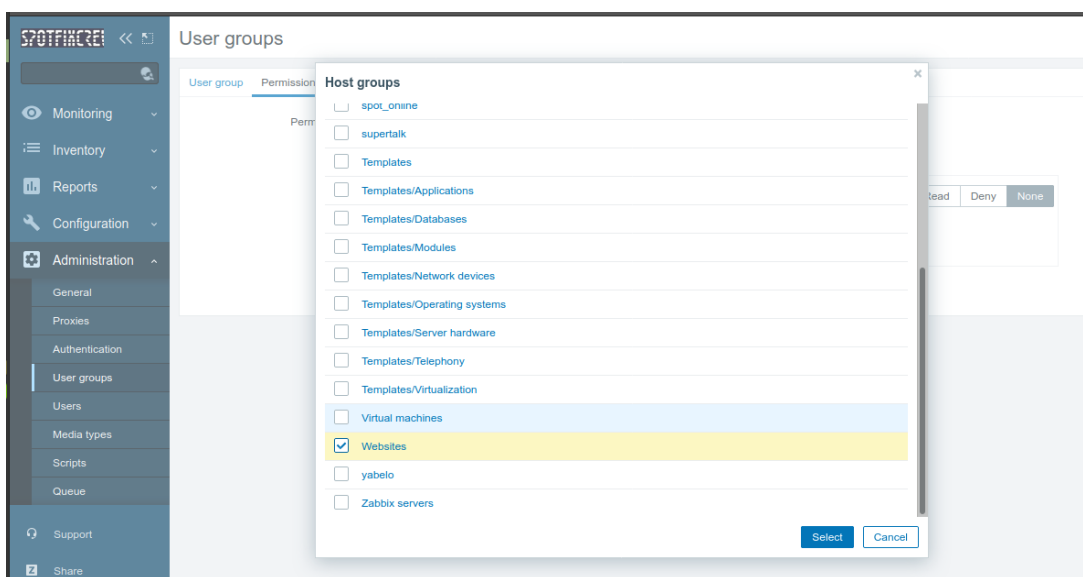
☐	Templates/Telephony	Hosts	Templates 1	Template Tel Asterisk by HTTP
☐	Templates/Virtualization	Hosts	Templates	
☐	Virtual machines	Hosts	Templates	
☐	Websites	Hosts 1	Templates	spotfixcrew.com Server
☐	yabelo	Hosts 1	Templates	yabelo.com Server

For the purpose of documentation we are taking our host as 'Spotfixcrew.com' and its Host group is 'websites'.

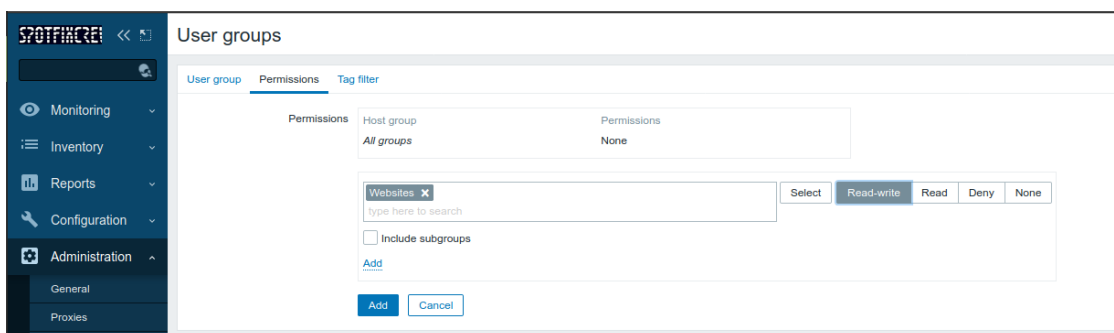
Now we need to create new User group. For that go to Administration > User groups. Then click 'Create user group'. Give a Group name.



Then click permissions and click select. Now select appropriate Host group from the list and click 'select'.



Now select the Read-write option and click add (first add). Then click second  button.



Now we can create new dedicated user for Spotfixcrew.com Host. For that go to Administration > Users. Click Create user.

Now give user name on 'Alias' table. Select our User group in Groups section. Also give password. Then click Add.

The screenshot shows the Zabbix web interface for creating a new user. The left sidebar is dark blue with the 'Administration' menu expanded, and 'Users' is selected. The main content area is titled 'Users' and has three tabs: 'User', 'Media', and 'Permissions'. The 'User' tab is active. The form contains the following fields and options:

- Alias:** A text input field containing 'spot_user'.
- Name:** An empty text input field.
- Surname:** An empty text input field.
- Groups:** A dropdown menu showing 'test' with a search box below it containing 'type here to search' and a 'Select' button.
- Password:** A password input field with masked characters.
- Password (once again):** A second password input field with masked characters.
- Language:** A dropdown menu showing 'English (en_GB)'.
- Theme:** A dropdown menu showing 'System default'.
- Auto-login:** A checkbox that is unchecked.
- Auto-logout:** A checkbox that is unchecked, with a '15m' input field next to it.
- Refresh:** A text input field containing '30s'.
- Rows per page:** A text input field containing '50'.
- URL (after login):** An empty text input field.

At the bottom of the form are two buttons: 'Add' (in blue) and 'Cancel' (in light blue). A red error message is visible next to the Language dropdown: 'You are not able to choose some of the languages, because locales for them are not installed on the web server.'

Now Login to Zabbix Dashboard with new user and password. The Hosts section will show only 1 Host that our user can access.