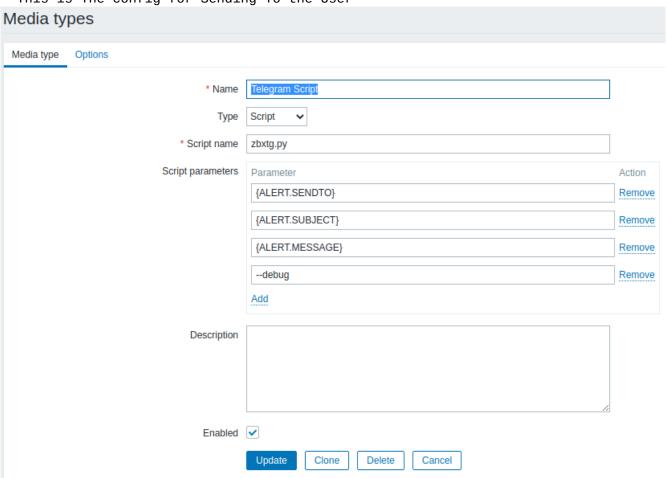The installation Guide of zabbix is available in:
--[Zabbix Official Installation Guide.](#)

Setting The Zabbix Alert Via Telegram guide:
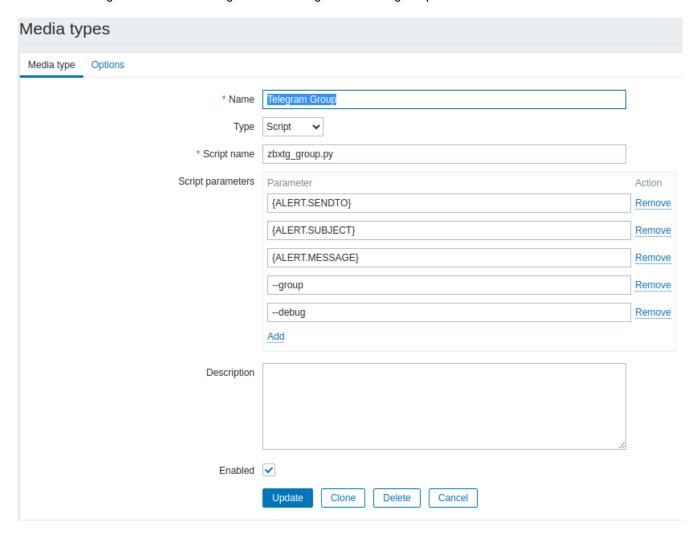--[Zabbix-in-Telegram](#)

Configuring The Media Type Screenshots in zabbix 4.4:
--This is The config for Sending To the User

Media types

Media type   Options

* Name	Telegram Script
Type	Script ⌄
* Script name	zbxtg.py

Script parameters	Parameter	Action
	{ALERT.SENDTO}	Remove
	{ALERT.SUBJECT}	Remove
	{ALERT.MESSAGE}	Remove
	--debug	Remove
	Add	

Description

Enabled ✔

[Update] [Clone] [Delete] [Cancel]

-This config is For Sending The message to the group

Media types

Media type | Options

* Name	Telegram Group
Type	Script
* Script name	zbxtg_group.py

Script parameters

Parameter	Action
{ALERT.SENDTO}	Remove
{ALERT.SUBJECT}	Remove
{ALERT.MESSAGE}	Remove
--group	Remove
--debug	Remove

Add

Description

Enabled ✔

Update | Clone | Delete | Cancel

-Create The Action For the your Media.
--Add you trigger to the condition:

Actions

Action | Operations | Recovery operations | Update operations

* Name	CPU Load Action

Conditions

Label	Name	Action
A	Trigger equals *Vagrant System: CPU Load Too High 'vagrant' in last 10 seconds*	Remove

New condition

Trigger name	contains	

Add

Enabled ✔

* At least one operation, recovery operation or update operation must exist.

Update | Clone | Delete | Cancel

--Then add your wanted operations to it:
set you operations with the things you want.

Actions

Action | **Operations** | Recovery operations | Update operations

* Default operation step duration   `60s`

Default subject   `Problem: {EVENT.NAME}`

Default message

```
Problem started at {EVENT.TIME} on {EVENT.DATE}
Problem name: {EVENT.NAME}
Host: {HOST.NAME}
Severity: {EVENT.SEVERITY}

Original problem ID: {EVENT.ID}
{TRIGGER.URL}
```

Pause operations for suppressed problems   ☑

Operations

Steps	Details	Start in	Duration	Action
1	**Send message to users:** Admin (Zabbix Administrator) via Telegram Script **Send message to user groups:** Zabbix administrators via Telegram Script	Immediately	Default	Edit Remove
1	**Send message to users:** Admin (Zabbix Administrator) via Telegram Group **Send message to user groups:** Zabbix administrators via Telegram Group	Immediately	Default	Edit Remove
New				

* At least one operation, recovery operation or update operation must exist.

[Update] [Clone] [Delete] [Cancel]

--Then the Recovery Operations:
set your operations again for the recovery.

Actions

Action | Operations | **Recovery operations** | Update operations

Default subject   `Resolved: {EVENT.NAME}`

Default message

```
Problem has been resolved at {EVENT.RECOVERY.TIME} on
{EVENT.RECOVERY.DATE}
Problem name: {EVENT.NAME}
Host: {HOST.NAME}
Severity: {EVENT.SEVERITY}

Original problem ID: {EVENT.ID}
```

Operations

Details	Action
Send message to users: Admin (Zabbix Administrator) via Telegram Group **Send message to user groups:** Zabbix administrators via Telegram Group	Edit Remove
Send message to users: Admin (Zabbix Administrator) via Telegram Script **Send message to user groups:** Zabbix administrators via Telegram Script	Edit Remove
New	

* At least one operation, recovery operation or update operation must exist.

[Update] [Clone] [Delete] [Cancel]

Add The appropriate Media Type to Your user:
note: one for sending to the user and another one for sending to group

Media   ×

Type   [Telegram Group ▾]

* Send to   [Zabbix Webhook Test]

* When active   [1-7,00:00-24:00]

Use if severity   ☑ Not classified
             ☑ Information
             ☑ Warning
             ☑ Average
             ☑ High
             ☑ Disaster

Enabled   ☑

[**Update**]   [Cancel]

Media   ×

Type   [Telegram Script ▾]

* Send to   [@TheFaust]

* When active   [1-7,00:00-24:00]

Use if severity   ☑ Not classified
             ☑ Information
             ☑ Warning
             ☑ Average
             ☑ High
             ☑ Disaster

Enabled   ☑

[**Update**]   [Cancel]

After That you should see this in Administration → Users → selected user → Media

Notes:
--setting up the Media is different from the doc because The Github Repo is a bit old.
--Use The Socks5h Option in zbxtg_settings.py if you use tor and live in iran.
--install the python library packages with the user zabbix
--add the zabbix user to the sudoers group.
      sudo usermod -a -g sudoers zabbix
--the zabbix user in the linux system must has permission to read and write.
      Chmod g+w myfolder
<<CRITICAL NOTE>>
      Do not chown The file system to zabbix user.
--set the default shell for zabbix user in "/etc/passwd"
      you can use either chsh command or changing the passwd file manually.
--install the requirements.txt file with the sudo -H flag(user: zabbix)

Test the script with the zabbix user before using it with zabbix:
      test with zabix user
      for sending to user:
            sudo -u zabbix python zbxtg.py "@username" test test
      for sending to group:
            sudo -u zabbix python zbxtg_group.py "Group Name" test test