

EPAM Systems, RD Dep., RD Dep.

MTN.NIX.05.Zabbix.Tools

REVISION HISTORY					
Ver.	Description of Change	Author	Date	Approved	
				Name	Effective Date
1.0	Initial Version	Siarhei Beliakou	23/May/2017		

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Task. Zabbix Tools

Testing Infrastructure:

Vagrantfile to spin up 2 VMs (virtualbox):

- zabbix server, provisioned by Vagrant provisioner
- Linux VM with zabbix agent, script for registration on zabbix server, all provisioned by Vagrant provisioner

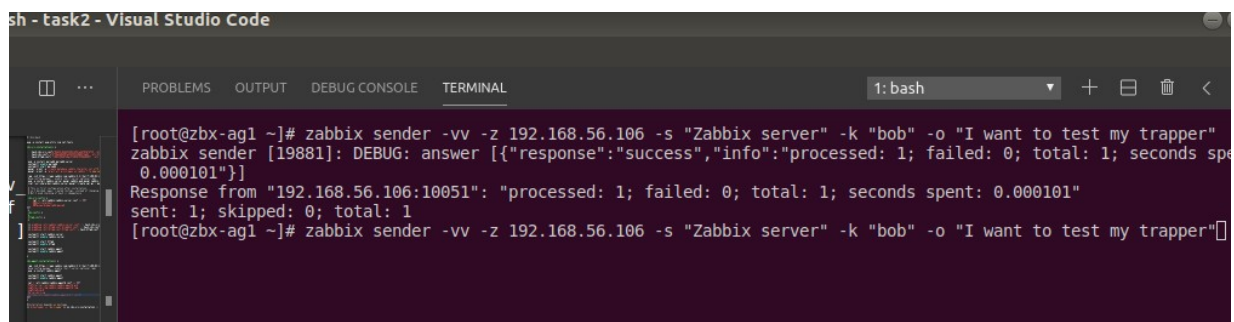
Task:

1. Configure the agent for replying to the specific server in passive and active mode.

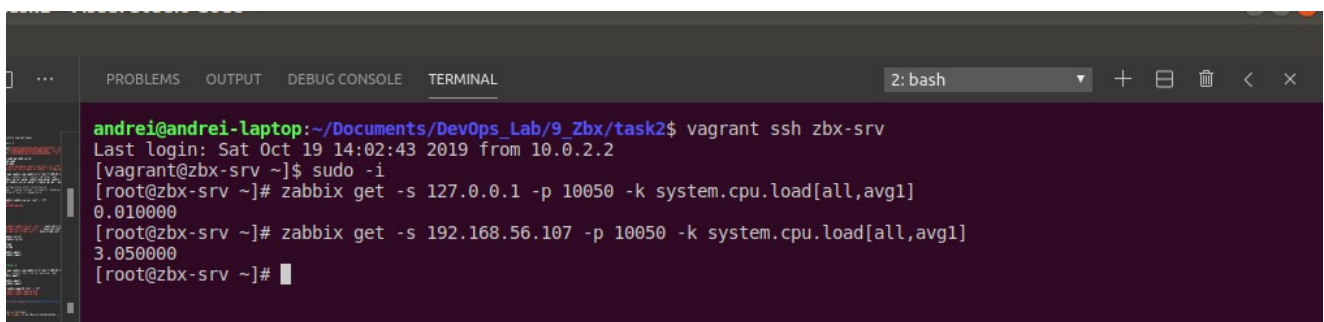
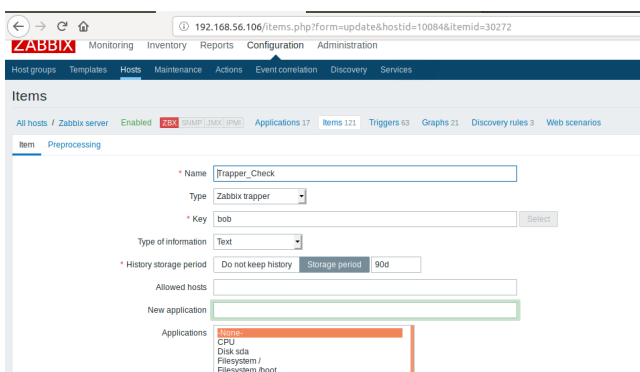
Configuration of agent you can check in script.

2. Use zabbix_sender to send data to server manually (use zabbix_sender with key -vv for maximal verbosity).
3. Use zabbix_get as data receiver and examine zabbix agent sending's.

For both VMs use vagrant box "sbeliakou/centos-7.3-x86_64-minimal"



```
sh - task2 - Visual Studio Code
[root@zbx-ag1 ~]# zabbix sender -vv -z 192.168.56.106 -s "Zabbix server" -k "bob" -o "I want to test my trapper"
zabbix sender [19881]: DEBUG: answer [{"response":"success","info":"processed: 1; failed: 0; total: 1; seconds spent: 0.000101"}]
Response from "192.168.56.106:10051": "processed: 1; failed: 0; total: 1; seconds spent: 0.000101"
sent: 1; skipped: 0; total: 1
[root@zbx-ag1 ~]# zabbix sender -vv -z 192.168.56.106 -s "Zabbix server" -k "bob" -o "I want to test my trapper"
```



```
andrei@andrei-laptop:~/Documents/DevOps_Lab/9_Zbx/task2$ vagrant ssh zbx-srv
Last login: Sat Oct 19 14:02:43 2019 from 10.0.2.2
[vagrant@zbx-srv ~]$ sudo -i
[root@zbx-srv ~]# zabbix get -s 127.0.0.1 -p 10050 -k system.cpu.load[all,avg1]
0.010000
[root@zbx-srv ~]# zabbix get -s 192.168.56.107 -p 10050 -k system.cpu.load[all,avg1]
3.050000
[root@zbx-srv ~]#
```