

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

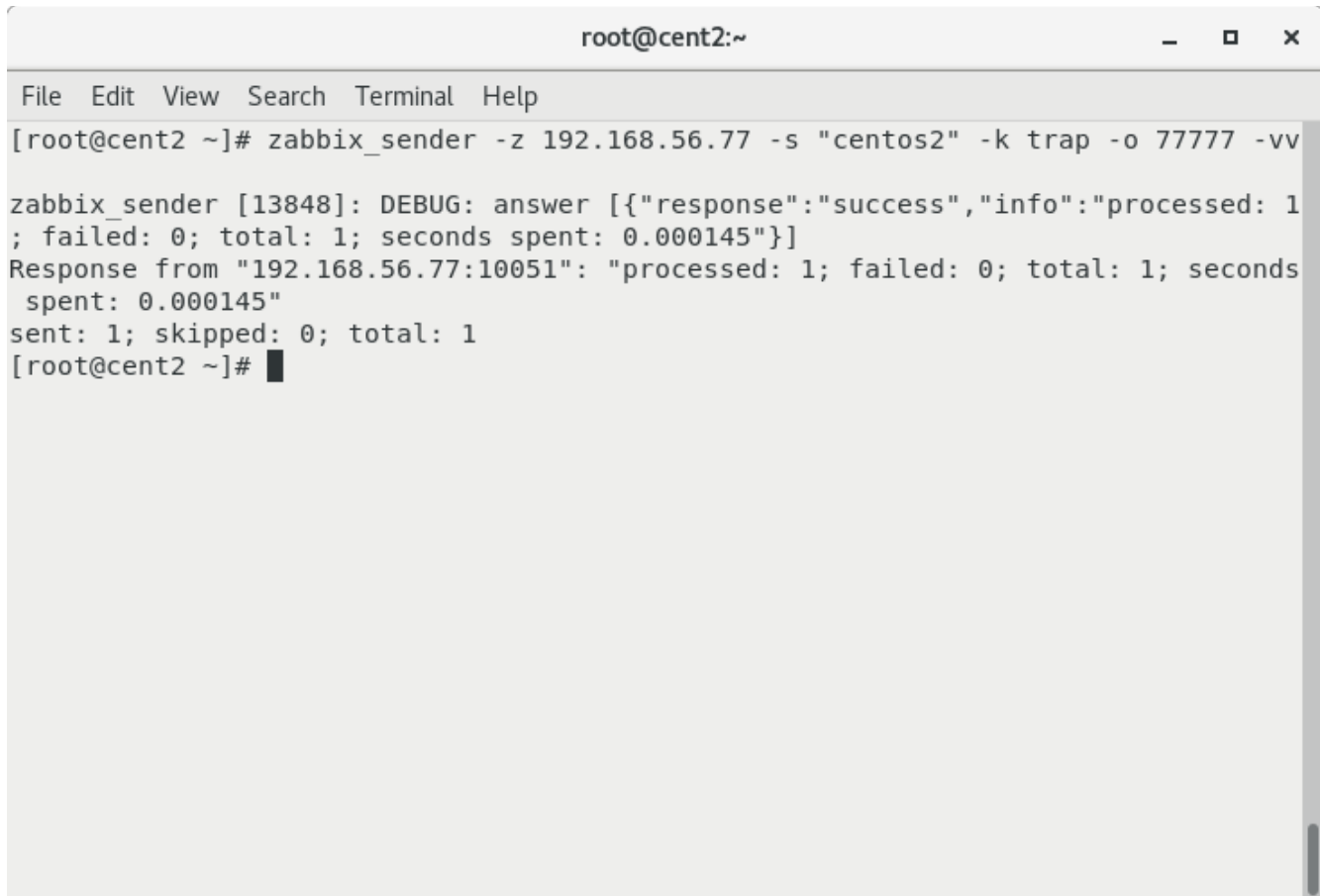
Task:

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

[illegible]

2. Use `zabbix_sender` to send data to server manually (use `zabbix_sender` with key `-vv` for maximal verbosity).

`yum install zabbix-sender -y`

A terminal window titled 'root@cent2:~' with standard window controls. The terminal shows the command 'zabbix_sender -z 192.168.56.77 -s "centos2" -k trap -o 77777 -vv' being executed. The output shows a successful response from the server with debug information. The terminal has a menu bar with 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'.

```
root@cent2:~  
File Edit View Search Terminal Help  
[root@cent2 ~]# zabbix_sender -z 192.168.56.77 -s "centos2" -k trap -o 77777 -vv  
zabbix_sender [13848]: DEBUG: answer [{"response":"success","info":"processed: 1  
; failed: 0; total: 1; seconds spent: 0.000145"}]  
Response from "192.168.56.77:10051": "processed: 1; failed: 0; total: 1; seconds  
spent: 0.000145"  
sent: 1; skipped: 0; total: 1  
[root@cent2 ~]#
```

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`”

`yum install zabbix-get -y`

root@cent1:~

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File Edit View Search Terminal Help

```
[root@cent1 ~]# zabbix_get -s 192.168.56.78 -p 10050 -k 'vfs.fs.size[/boot,free]
```

```
]'
```

880525312

```
[root@cent1 ~]# █
```