Saved: 25-May-2017 22:34

## EPAM Systems, RD Dep., RD Dep.

# MTN.NIX.05.Zabbix.Tools

| REVISION HISTORY |                       |                  |             |          |                   |
|------------------|-----------------------|------------------|-------------|----------|-------------------|
| Ver.             | Description of Change | Author           | Date        | Approved |                   |
|                  |                       |                  |             | Name     | Effective<br>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:

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

```
☐idFile=/var/run/zabbix/zabbix_agentd.pid
LogFile=/var/log/zabbix/zabbix_agentd.log
LogFileSize=0
Server=192.168.56.155
ServerActive=192.168.56.155
Hostname=zabbixclient
Include=/etc/zabbix/zabbix_agentd.d/*.conf
HostMetadata=system.uname
```

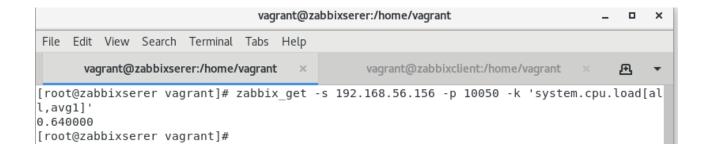
2. Use zabbix\_sender to send data to server manually (use zabbix\_sender with key –vv for maximal verbosity).

```
[root@zabbixclient vagrant]# zabbix_sender -z 192.168.56.155 -s "zabbixclient" -k db.con nections -o 43 -vv zabbix_sender [13882]: DEBUG: answer [{"response":"success","info":"processed: 1; failed: 0; total: 1; seconds spent: 0.000085"}]
Response from "192.168.56.155:10051": "processed: 1; failed: 0; total: 1; seconds spent: 0.000085" sent: 1; skipped: 0; total: 1_
```

zabbixclient - other - (1 ltem)

th connections 2019-10-18 13:33:50 43

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"



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