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		

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.
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"

```
[root@Zabbix-A ~]# zabbix sender -vv -z 192.168.56.197 -s "kapitoshka" -k kapitoshka -o PepaBoy
zabbix sender [23239]: DEBUG: answer [{"response":"success","info":"processed: 1; failed: 0; total: 1; seconds spent: 0.000101"}]
Response from "192.168.56.197:10051": "processed: 1; failed: 0; total: 1; seconds spent: 0.000101"
sent: 1; skipped: 0; total: 1
[root@Zabbix-A ~]#
```

```
[root@Zabbix-S ~]# zabbix get -s 192.168.56.198 -p 10050 -k system.cpu.load[all,avg1]
0.000000
[root@Zabbix-S ~]# zabbix get -s 192.168.56.198 -p 10050 -k vfs.fs.size[/,free]
16762748928
[root@Zabbix-S ~]#
```