EPAM Systems, RD Dep.

MTN.NIX.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).

```
[root@zabbix-agents vagrant]# zabbix_sender  -vv -z 192.168.56.11 -s "host1" -k hostname -o
 "hello there"
zabbix_sender [23677]: DEBUG: answer [{"response":"success","info":"processed: 1; failed: 0
; total: 1; seconds spent: 0.000117"}]
Response from "192.168.56.11:10051": "processed: 1; failed: 0; total: 1; seconds spent: 0.0
00117"
sent: 1; skipped: 0; total: 1
[root@zabbix-agents vagrant]#
```

3. Use zabbix_get as data receiver and examine zabbix agent sending’s.

```
[root@zabbix-main zabbix]# zabbix_get -s 192.168.56.33 -p 10050 -k 'system.cpu.load
[all]'
0.010000
[root@zabbix-main zabbix]# zabbix_get -s 192.168.56.33 -p 10050 -k 'system.cpu.load
[all]'
0.010000
```