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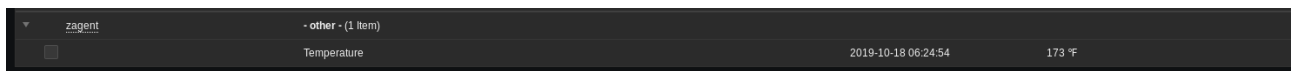
Task:
1. Configure the agent for replying to the specific server in passive and active mode.

   ```
   sudo sed -i 's/127.0.0.1/192.168.56.141/g' /etc/zabbix/zabbix_agentd.conf
   ```

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

   ```
   [root@zagent ~]# zabbix_sender -v -z 192.168.56.141 -p 10051 -s "zagent" -k temp
   r -o 173
   Response from "192.168.56.141:10051": "processed: 1; failed: 0; total: 1; second
   s spent: 0.000039"
   sent: 1; skipped: 0; total: 1
   [root@zagent ~]#
   ```

   ```
   ▼    zagent                      - other - (1 Item)
        ☐          Temperature                              2019-10-18 06:24:54        173 ℉
   ```

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-server ~]# zabbix_get -s192.168.56.142 -p10050 -k"agent.version"
   4.4.0
   [root@zabbix-server ~]#
   ```