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.

```
LogFileSize=0
Server=192.168.56.110
ListenPort=10050
#StartAgents=3
Include=/etc/zabbix/zabbix_agentd.d/*.conf
Hostname=zagent
ServerActive=192.168.56.110
~
~
```

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

▼	zagent	- other - (1 Item)			
☐		Dba_test	2019-10-18 13:34:39	test_message_from_SENDER	History

← → C ⓘ Not secure | 192.168.56.110/history.php?action=showvalues&itemids[]=28683

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zagent: Dba_test

Timestamp	Value
2019-10-18 13:34:39	test_message_from_SENDER
2019-10-18 13:31:49	5101
2019-10-18 13:27:07	43

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2. Use zabbix_get as data receiver and examine zabbix agent sending's.

```
[root@zserver ~]# zabbix_get -s 192.168.56.111 -p 10050 -k 'system.cpu.load[all,avg1]'
0.000000
[root@zserver ~]#
```

For both VMs use vagrant box "sbeliakou/centos-7.3-x86_64-minimal"