Saved: 25-May-2017 22:11

# EPAM Systems, RD Dep., RD Dep.

# MTN.NIX.05.Zabbix.API

REVISION HISTORY					
Ver.	Description of Change	Author	Date	Approved	
				Name	Effective Date
1.0	Initial Version	Siarhei Beliakou	23/May/2017		

**Legal Notice** 

This document contains privileged and/or confidential information and may not be disclosed, distributed or reproduced without the prior written permission of EPAM Systems.

#### Task. Zabbix API

#### Task:

You should develop a script (on Python 2.x) which registers given host in Zabbix.

## **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

## **Registering Script requirements:**

- Written on Python 2.x
- Starts at VM startup or on provision phase
- Host registered in Zabbix server should have Name = Hostname (not IP)
- Host registered in Zabbix server should belong to "CloudHosts" group
- Host registered in Zabbix server should be linked with Custom template
- This script should create group "CloudHosts" id it doesn't exist For both VMs use vagrant box "sbeliakou/centos-7.3-x86\_64-minimal"

