|  |
| --- |
| EPAM Systems, RD Dep. |
|  |

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

**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”