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EPAM Systems, RD Dep. MTN.NIX.Zabbix_Java

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

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Task. Java Monitoring with Java

Task:

You should install and configure Zabbix server and agents.

Testing Infrastructure:

Vagrantfile to spin up 2 VMs (virtualbox):

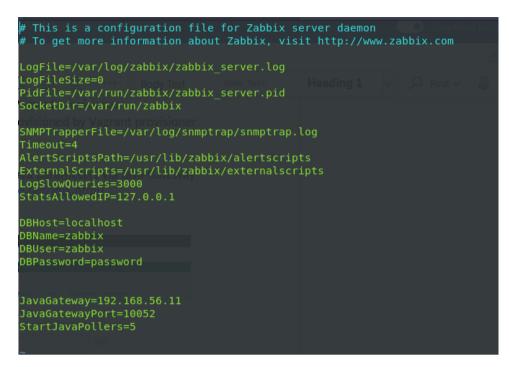
- zabbix server, provisioned by Vagrant provisioner
- Zabbix agents on both VMs, provisioned by Vagrant provisioner
- Install Tomcat 7 on 2nd VM

Tasks:

 Configure Zabbix to examine Java parameters via Java Gateway (http://jmxmonitor.sourceforge.net/jmx.html)

Set-up host with jmx \leftarrow \rightarrow \boldsymbol{C} \odot Not secure | 192.168.56.11/hosts.php?form=update&hostid=10263&groupid=0 ZABBIX Monitoring Inventory Reports Configuration Administration Hosts All hosts / Tomcat1 Enabled ZBX SNMP JMX IPMI Applications 17 Items 103 Triggers 45 Graphs 20 Discovery rules 2 Web scen * Host name Tomcat1 Visible name * Groups Linux servers X Select * At least one interface must exist. Agent interfaces IP address 192.168.56.33 SNMP interfaces Add JMX interfaces 192.168.56.33 IP DNS 12345 IPMI interfaces Add Monitored by proxy (no proxy) ▼ Enabled 🗸 Update Clone Full clone Delete Cancel

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2. Configure triggers to alert once these parameters changed.

