

EPAM Systems, RD Dep., RD Dep.

# MTN.NIX.05.Zabbix.Java

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. Java Monitoring with Java

### Task:

You should install and configure Zabbix server and agents.

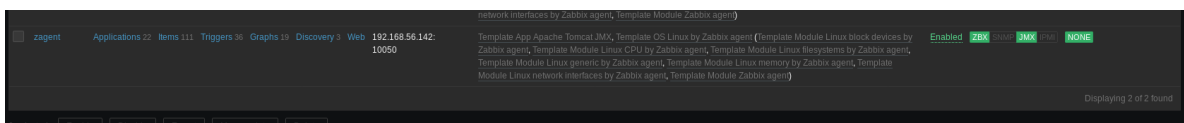
Testing Infrastructure:

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 2<sup>nd</sup> VM

Tasks:

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



Apply Reset		
Name ▲	Last check	Last value
Java Custom Items (4 items)		
Java Heap Memory Used	2019-10-18 10:23:04	257425408
Java VM name	2019-10-18 10:23:04	Java HotSpot(TM) 64-Bit Server VM
Java VM Uptime	2019-10-18 10:23:04	30 days, 00:24:44
Java VM version	2019-10-18 10:23:04	25.221-b11

2. Configure triggers to alert once these parameters changed.

For both VMs use vagrant box "sbeliakou/centos-7.3-x86\_64-minimal"

Time ▼	Severity	Recovery time	Status	Info	Host	Problem
10:22:04	Information				zabbix	Smb use my app