

EPAM Systems, RD Dep., RD Dep.

MTN.NIX.05.Zabbix.WEB

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. Web Monitoring with Zabbix

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, deploy any “hello world” application (the TestApp from last topic has been used)

Tasks:

1. Configure WEB check:
 - Scenario to test Tomcat availability as well as Application health

Steps	Name	Timeout	URL	Required	Status codes	Action
1:	Application check	15 sec	192.168.56.3:8080/TestApp		200	Remove
Add						

Steps	Name	Timeout	URL	Required	Status codes	Action
1:	Tomcat is healthy	15 sec	192.168.56.3:8080		200	Remove
Add						

2. Configure Triggers to alert once WEB resources become unavailable
For both VMs use vagrant box “sbeliakou/centos-7.3-x86_64-minimal”

name Application is not working,rip

severity Not classified Information Warning Average High Disaster

expression {Oreshek:web.test.fail[App is healthy].last()}<>0

ne

ity

Not classified	Information	Warning	Average	High	Disaster
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on

{Oreshek:web.test.fail[Tomcat is healthy].last()}<>0

Add

- morbid98@list.ru

PROBLEM: Application is not working,rip Trigger: Application

morbid98@list.ru

PROBLEM: Tomcat is not working,rip Trigger: Tomcat is not
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