

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:

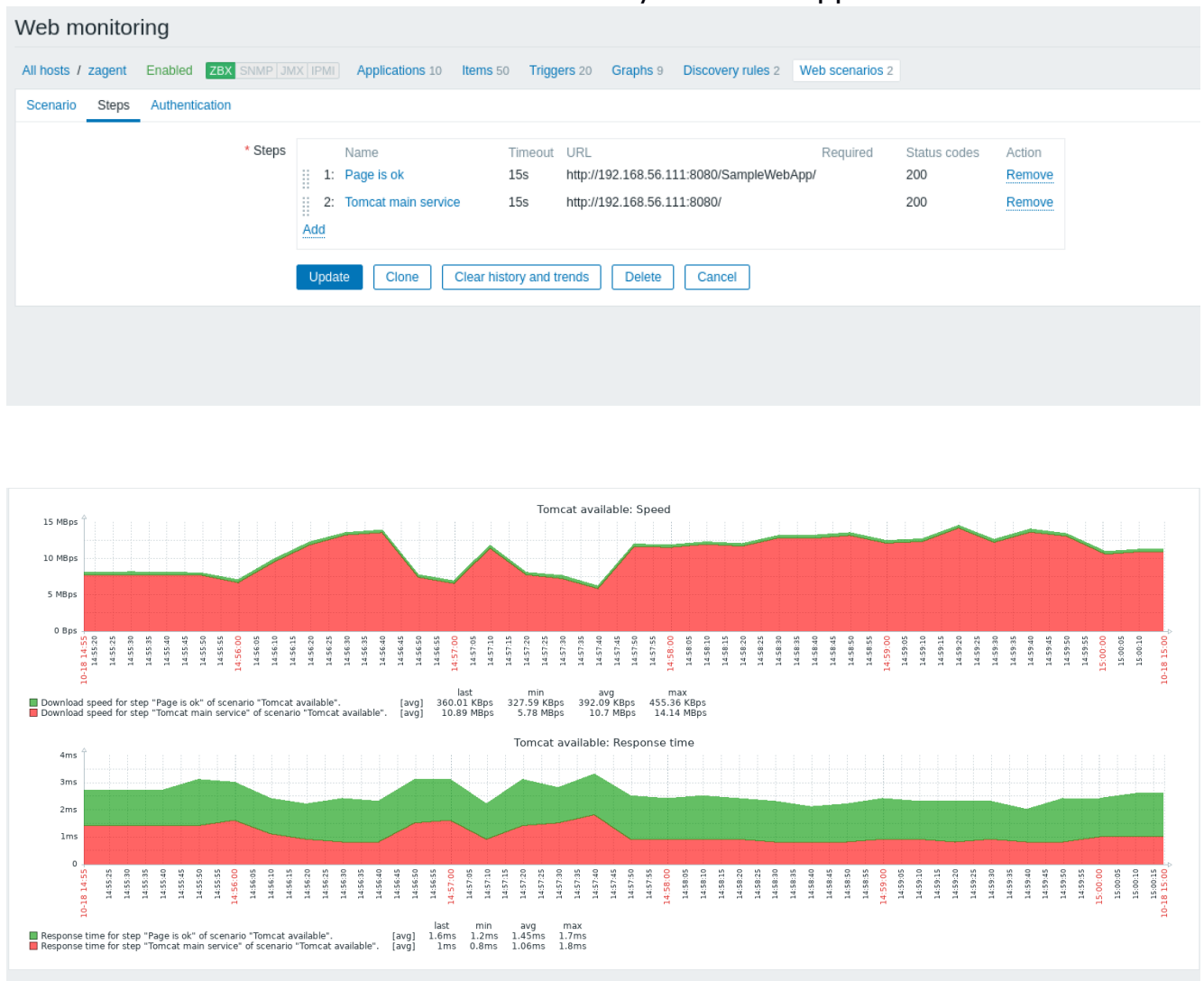
Vagrantfile to spin up 2 VMs (virtualbox):

- 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

Tasks:

1. Configure WEB check:

- Scenario to test Tomcat availability as well as Application health



2. Configure Triggers to alert once WEB resources become unavailable

Items

All hosts / [zagent](#) [Enabled](#) [ZBX](#) [SNMP](#) [JMX](#) [IPMI](#) [Applications](#) 10 [Items](#) 50 [Triggers](#) 20 [Graphs](#) 9 [Discovery rules](#) 2 [Web scenarios](#) 2

Item [Preprocessing](#)

* Name

Type

* Key

* Host interface

User name

Password

Type of information

Units

* Update interval

Custom intervals

Type	Interval	Period	Action
<input checked="" type="checkbox"/> Flexible	<input type="text" value="Scheduling"/>	<input type="text" value="50s"/>	<input type="text" value="1-7,00:00-24:00"/>

[Add](#) [Remove](#)

* History storage period

* Trend storage period

Show value [show value mappings](#)

New application

Applications

Triggers

All hosts / [zagent](#) [Enabled](#) [ZBX](#) [SNMP](#) [JMX](#) [IPMI](#) [Applications](#) 10 [Items](#) 50 [Triggers](#) 20 [Graphs](#) 9 [Discovery rules](#) 2 [Web scenarios](#) 2

Trigger [Tags](#) [Dependencies](#)

* Name

Severity

* Expression

[Expression constructor](#)

OK event generation

PROBLEM event generation mode

OK event closes

Allow manual close ☐

URL

Description

Enabled ☒

Problems							***
Time ▾	Info	Host	Problem • Severity	Duration	Ack	Actions	Tags
15:50:03		zagent	Tomcat trigger	7s	No		
15:00							

