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		

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:
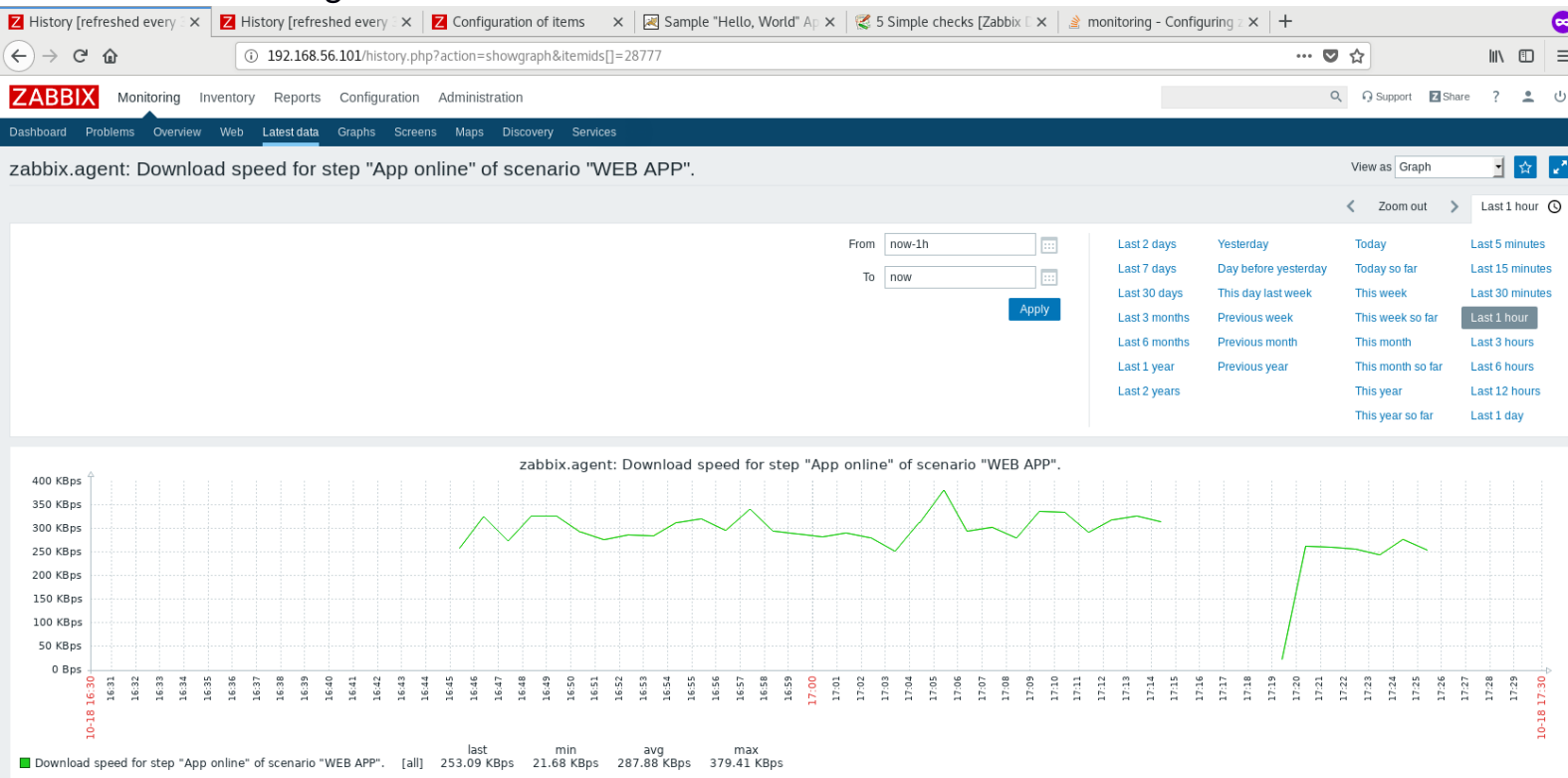
- Scenario to test Tomcat availability as well as Application heath
2. Configure Triggers to alert once WEB resources become unavailable

Z Dashboard × Z Dashboard × Z Configuration of items × Sample "Hello, World" Ap × 5 Simple checks [Zabbix × monitoring - Configuring × +

← → C ⌂ ① 192.168.56.101/zabbix.php?action=dashboard.view&ddreset=1 ⋯ ☆

ZABBIX Monitoring Inventory Reports Configuration Administration ⌕ Support Share ? 👤 ⏻

Dashboard Problems Overview Web Latest data Graphs Screens Maps Discovery Services

Global view

Edit dashboard

All dashboards / Global view

System information

Parameter	Value	Details
Zabbix server is running	Yes	localhost:10051
Number of hosts (enabled/disabled/templates)	84	2 / 0 / 82
Number of items (enabled/disabled/not supported)	235	155 / 69 / 11
Number of triggers (enabled/disabled [problem/ok])	103	76 / 27 [2 / 74]
Number of users (online)	2	1
Required server performance, new values per second	2.3	

Problems by severity

Host group ▲	Disaster	High	Average	Warning	Information	Not classified
Virtual machines		1				1

Local

Problems

Time ▼	Info	Host	Problem • Severity	Duration	Ack	Actions	Tags
17:15:42	•	zabbix.agent	App is down	1m 24s	No		
17:00	○						
14:52:04	•	zabbix.agent	Low Hea		No		

Time ▼	Recovery time	Status	Duration	Ack	Tags
17:15:42	•	PROBLEM	1m 24s	No	

Favourite maps

No maps added.

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Problems by severity

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Local

Problems

Time ▼	Info	Host	Problem • Severity	Duration	Ack	Actions	Tags
17:26:42	•	zabbix.agent	App is down	0	No		
17:00	○						
14:52:04	•	zabbix.agent	Low Heap		No		

Time ▼	Recovery time	Status	Duration	Ack	Tags
17:26:42	•	PROBLEM	0	No	
17:15:42	17:19:12	RESOLVED	3m 30s	No	

Favourite maps

No maps added.
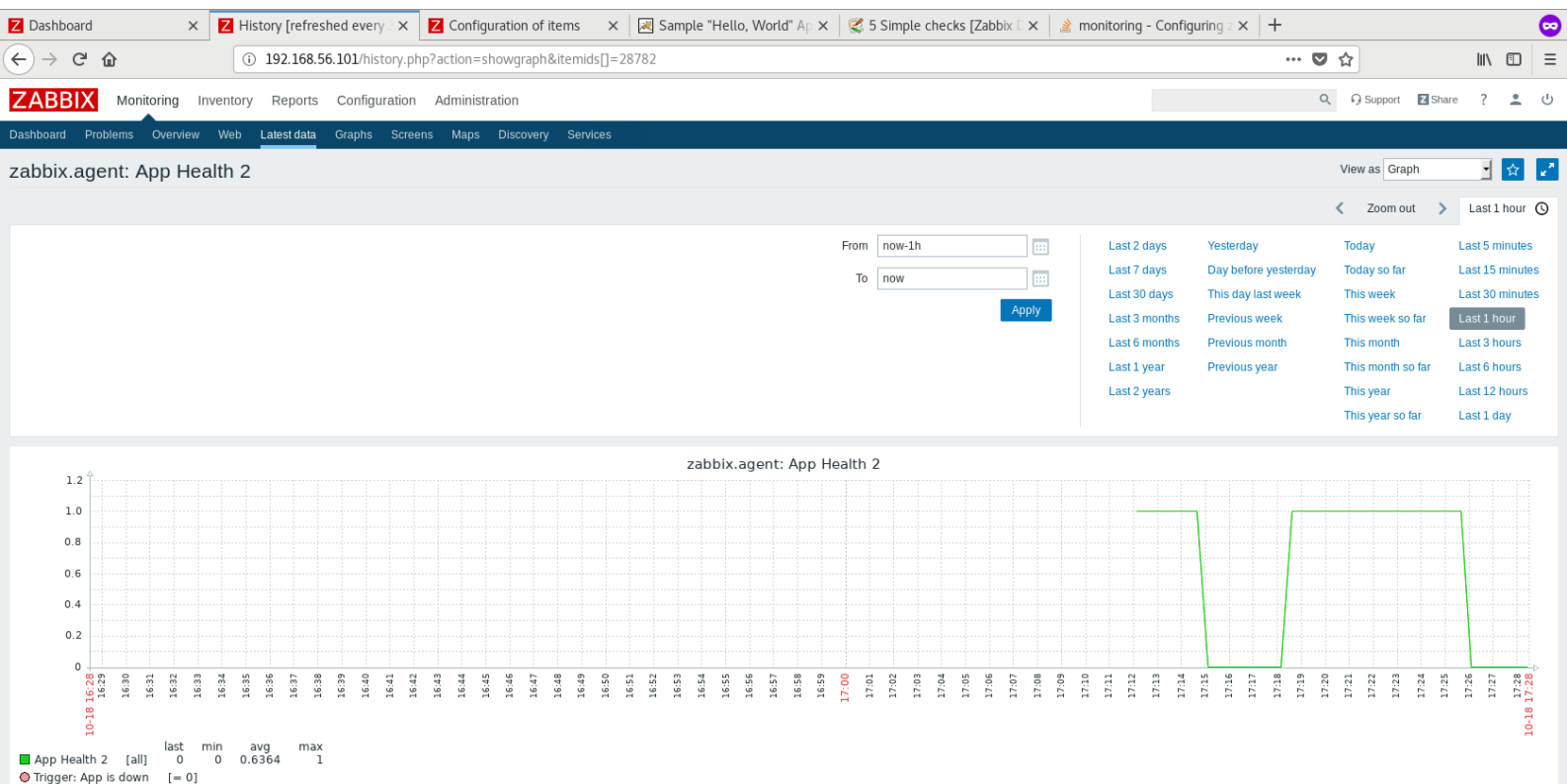
For both VMs use vagrant box "sbeliakou/centos-7.3-x86_64-minimal"