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

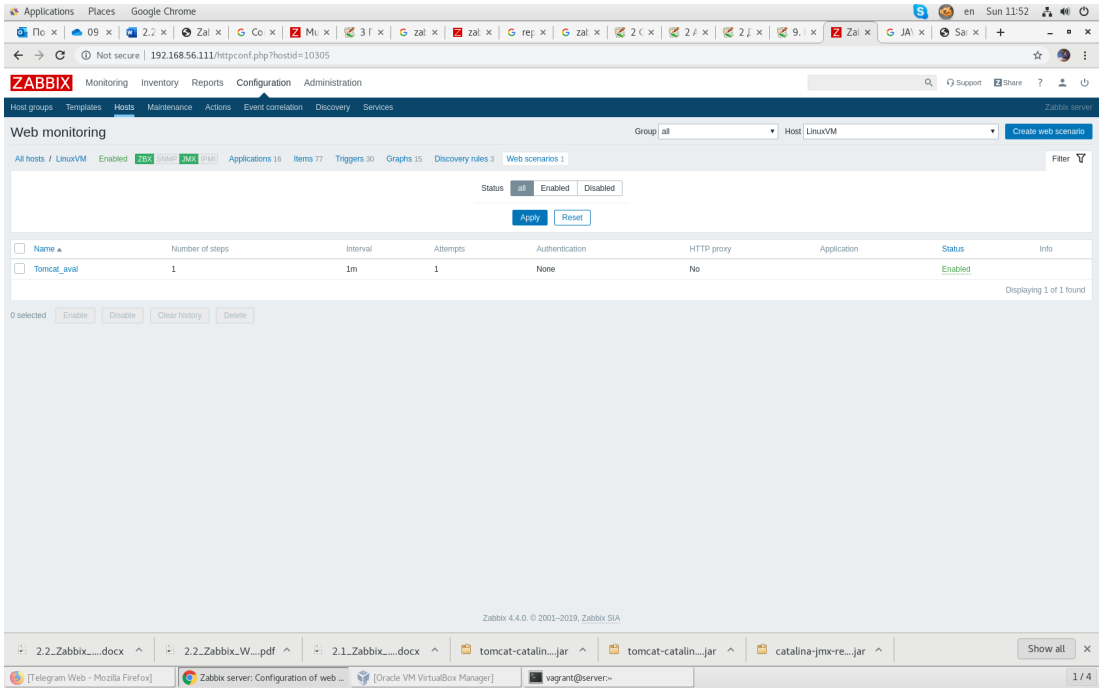
Testing Infrastructure:

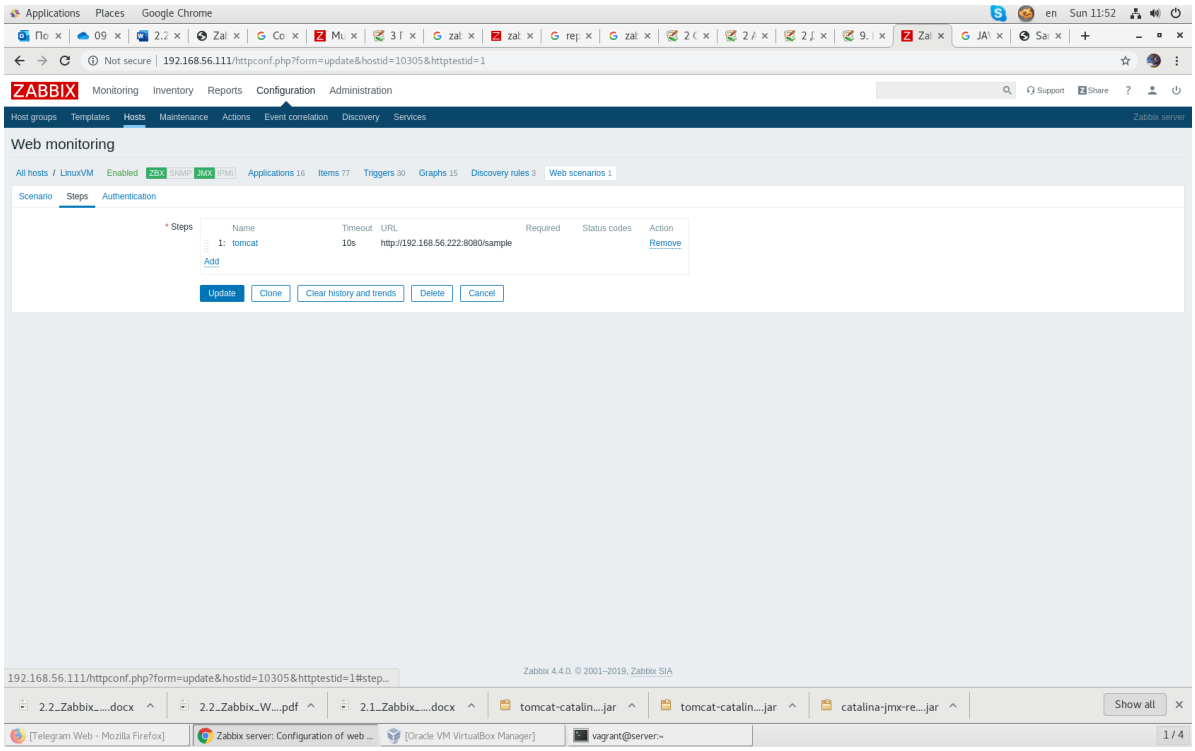
Vagrantfile to spin up 2 VMs (virtualbox):

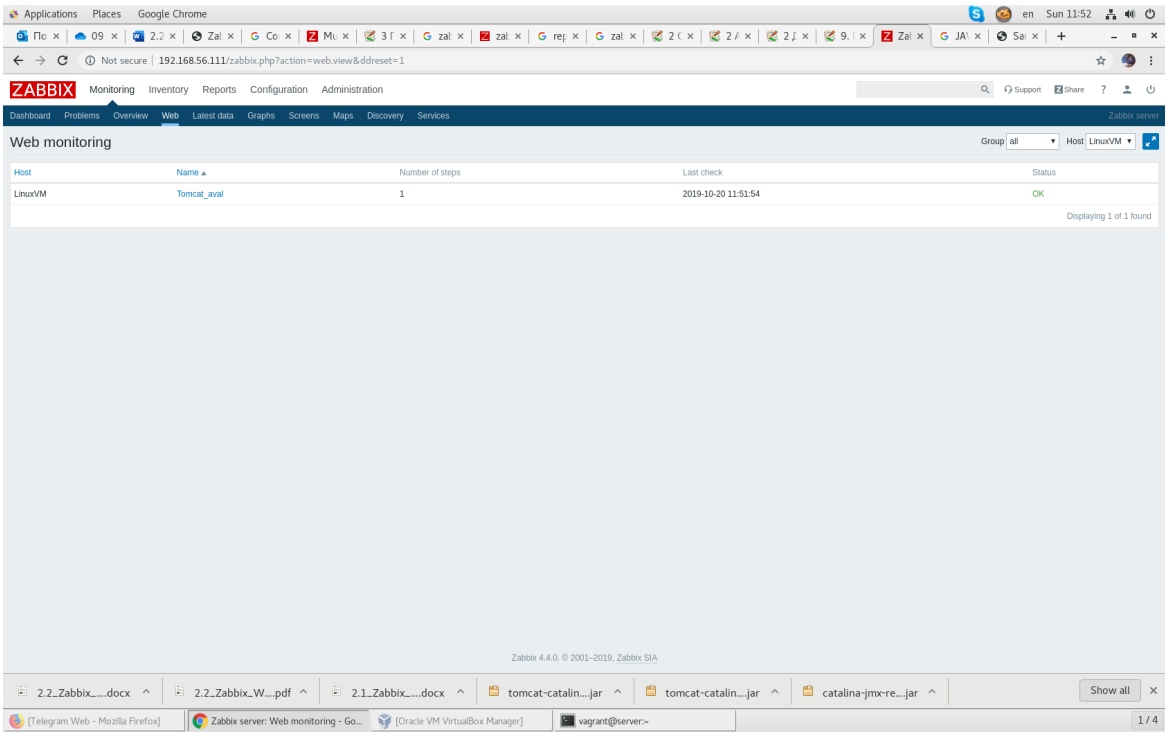
- zabbix server, provisioned by Vagrant provisioner
- Zabbix agents on both VMs, provisioned by Vagrant provisioner
- Install Tomcat 7 on 2nd VM, deploy any “hello world” application

Tasks:

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

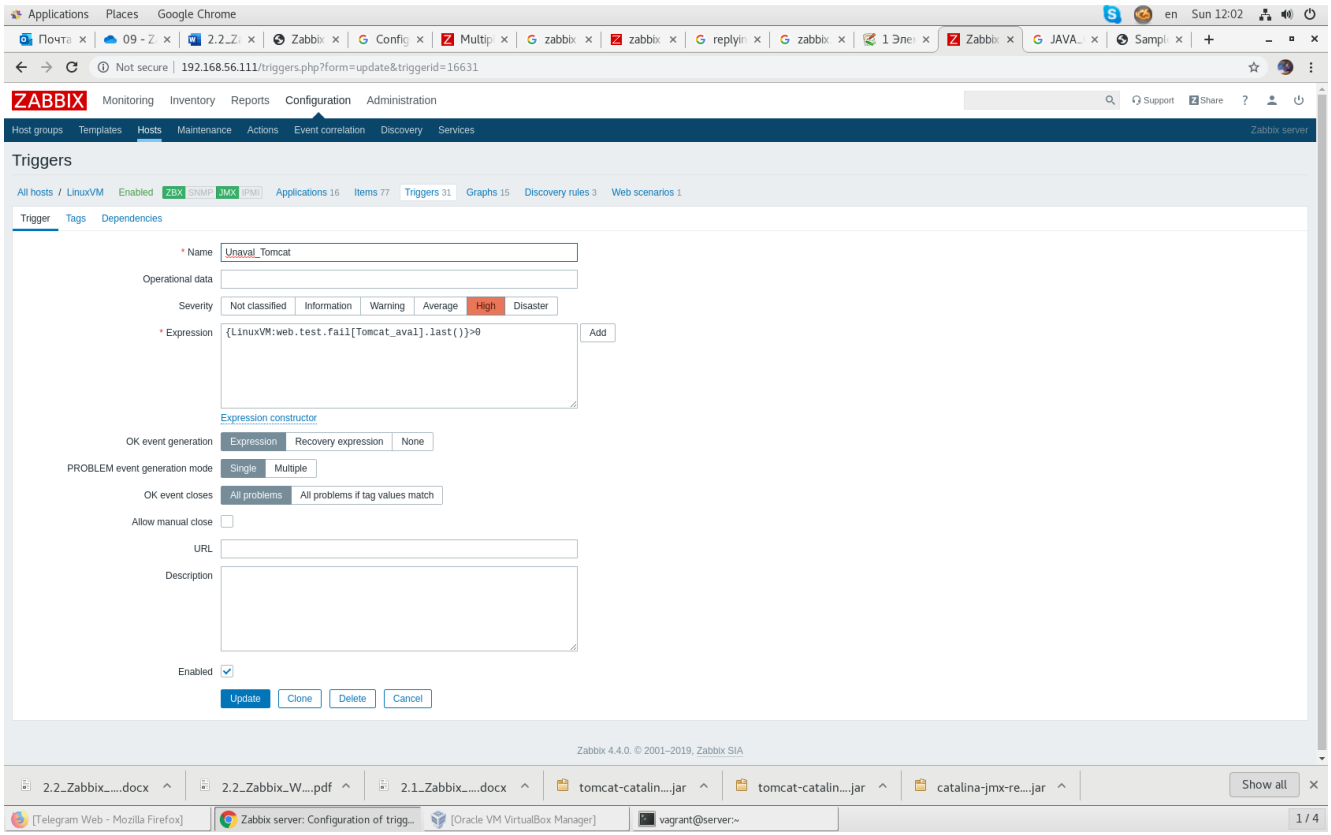


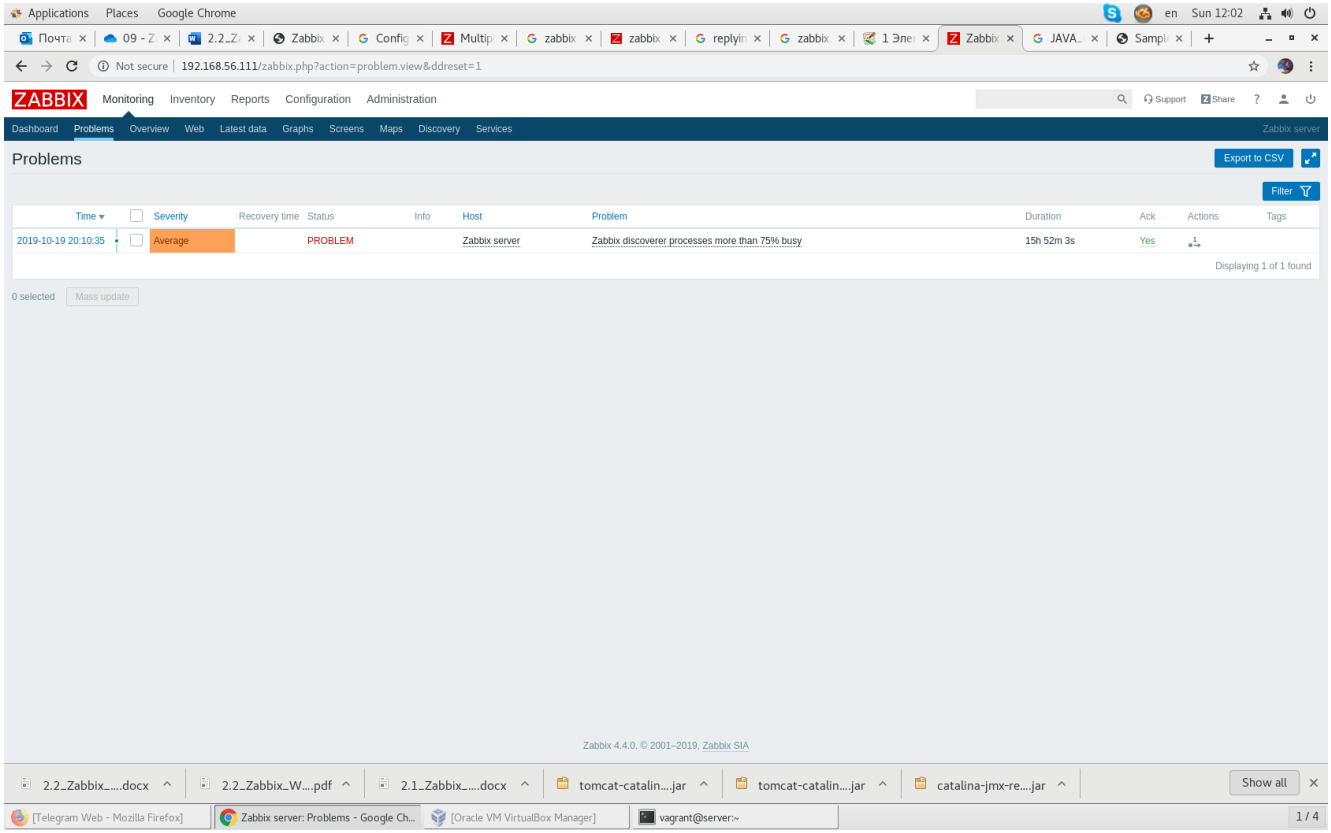


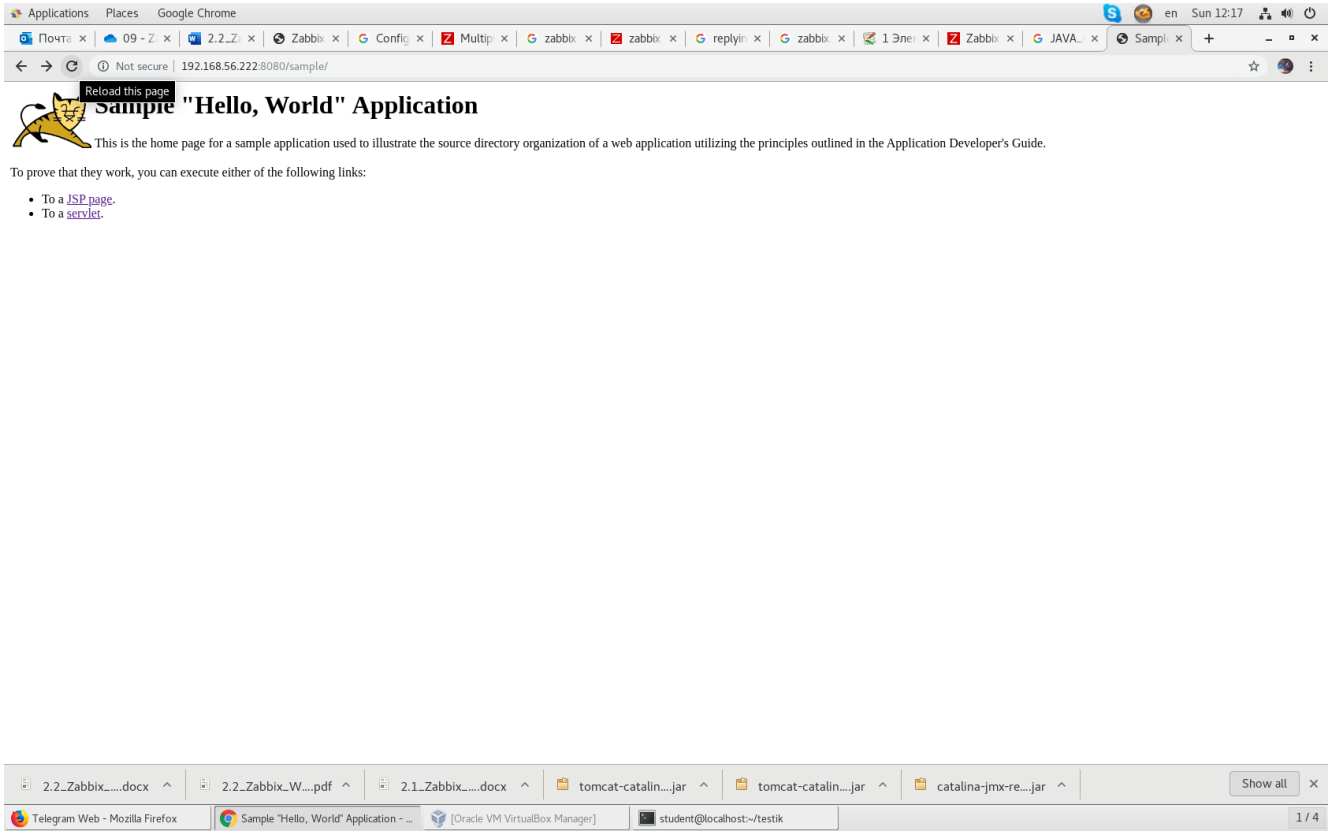


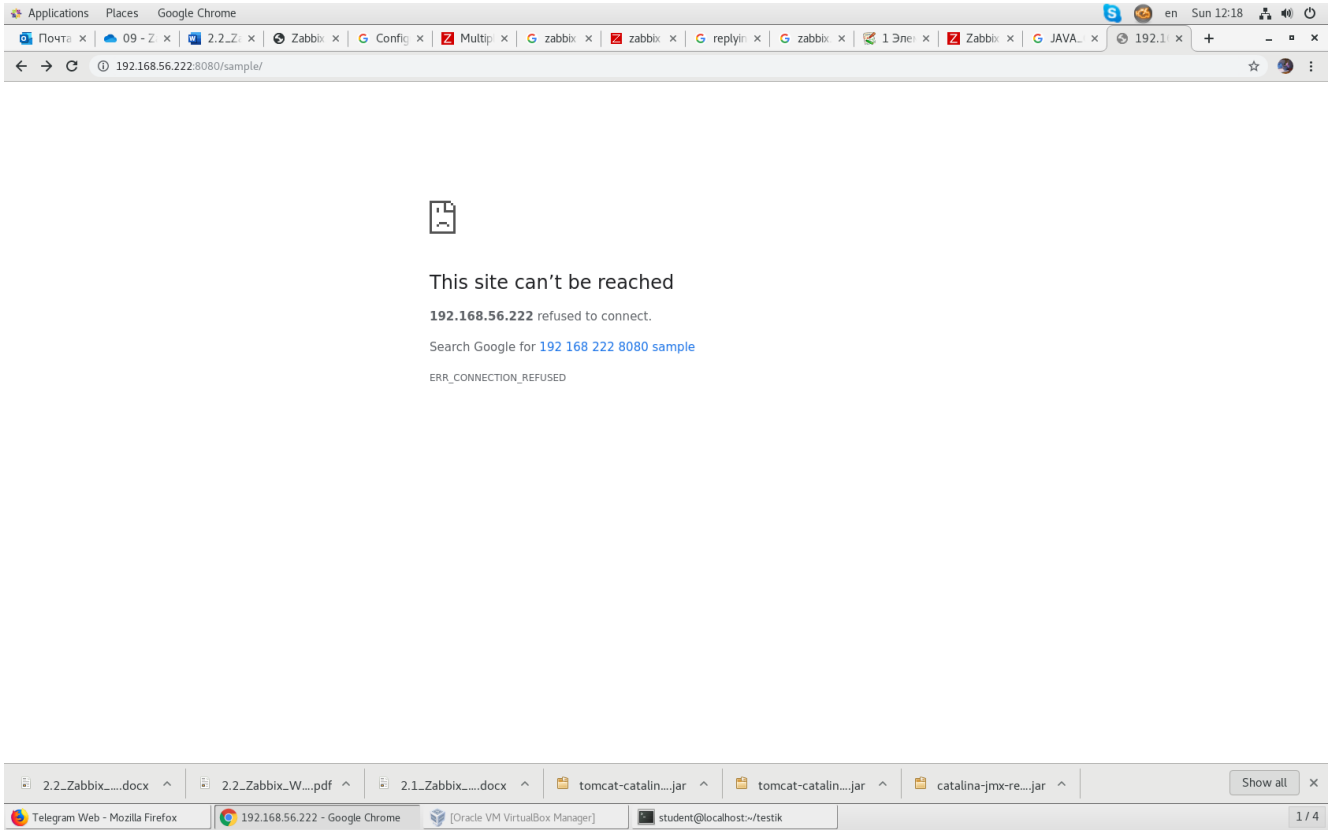
2. Configure Triggers to alert once WEB resources become unavailable

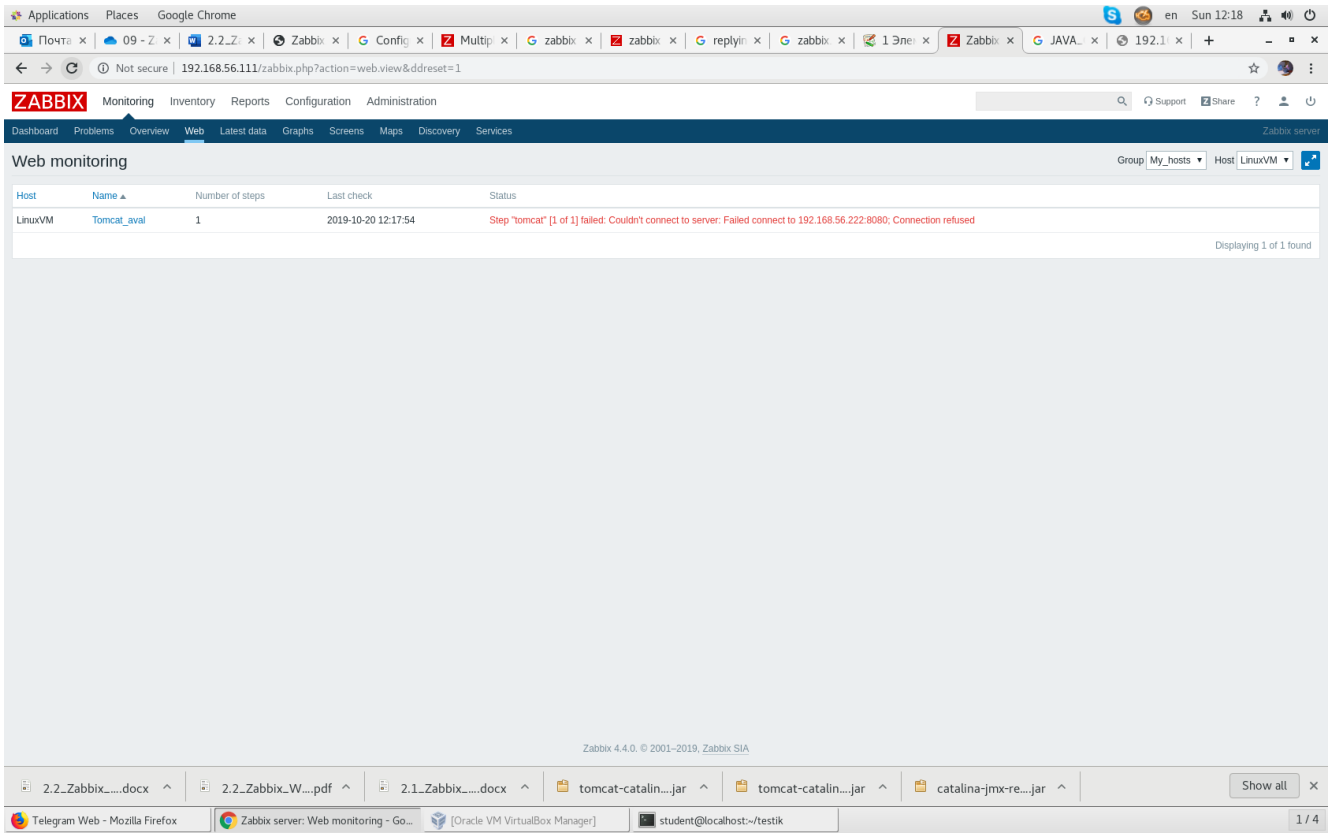
For both VMs use vagrant box “sbeliakou/centos-7.3-x86_64-minimal”




Applications Places Google Chrome
en Sun 12:02
Not secure 192.168.56.111/zabbix.php?action=problem.view&ddreset=1
ZABBIX
Monitoring Inventory Reports Configuration Administration
Dashboard Problems Overview Web Latest data Graphs Screens Maps Discovery Services
Problems
Export to CSV
Filter
Time Severity Recovery time Status Info Host Problem Duration Ack Actions Tags
2019-10-19 20:10:35 Average PROBLEM Zabbix server Zabbix discoverer processes more than 75% busy 15h 52m 3s Yes
Displaying 1 of 1 found
0 selected Mass update
Zabbix 4.4.0. © 2001–2019, Zabbix SIA
2.2_Zabbix_....docx
2.2_Zabbix_W....pdf
2.1_Zabbix_....docx
tomcat-catalin....jar
tomcat-catalin....jar
catalina-jmx-re....jar
Show all
[Telegram Web - Mozilla Firefox]
Zabbix server: Problems - Google Ch...
[Oracle VM VirtualBox Manager]
vagrant@server:~
1 / 4


Applications Places Google Chrome
en Sun 12:17
Not secure 192.168.56.222:8080/sample/
Reload this page
Sample "Hello, World" Application
This is the home page for a sample application used to illustrate the source directory organization of a web application utilizing the principles outlined in the Application Developer's Guide.
To prove that they work, you can execute either of the following links:
To a JSP page.
To a servlet.
2.2_Zabbix_....docx
2.2_Zabbix_W....pdf
2.1_Zabbix_....docx
tomcat-catalin....jar
tomcat-catalin....jar
catalina-jmx-re....jar
Show all
Telegram Web - Mozilla Firefox
Sample "Hello, World" Application - ...
[Oracle VM VirtualBox Manager]
student@localhost:~/testik
1 / 4





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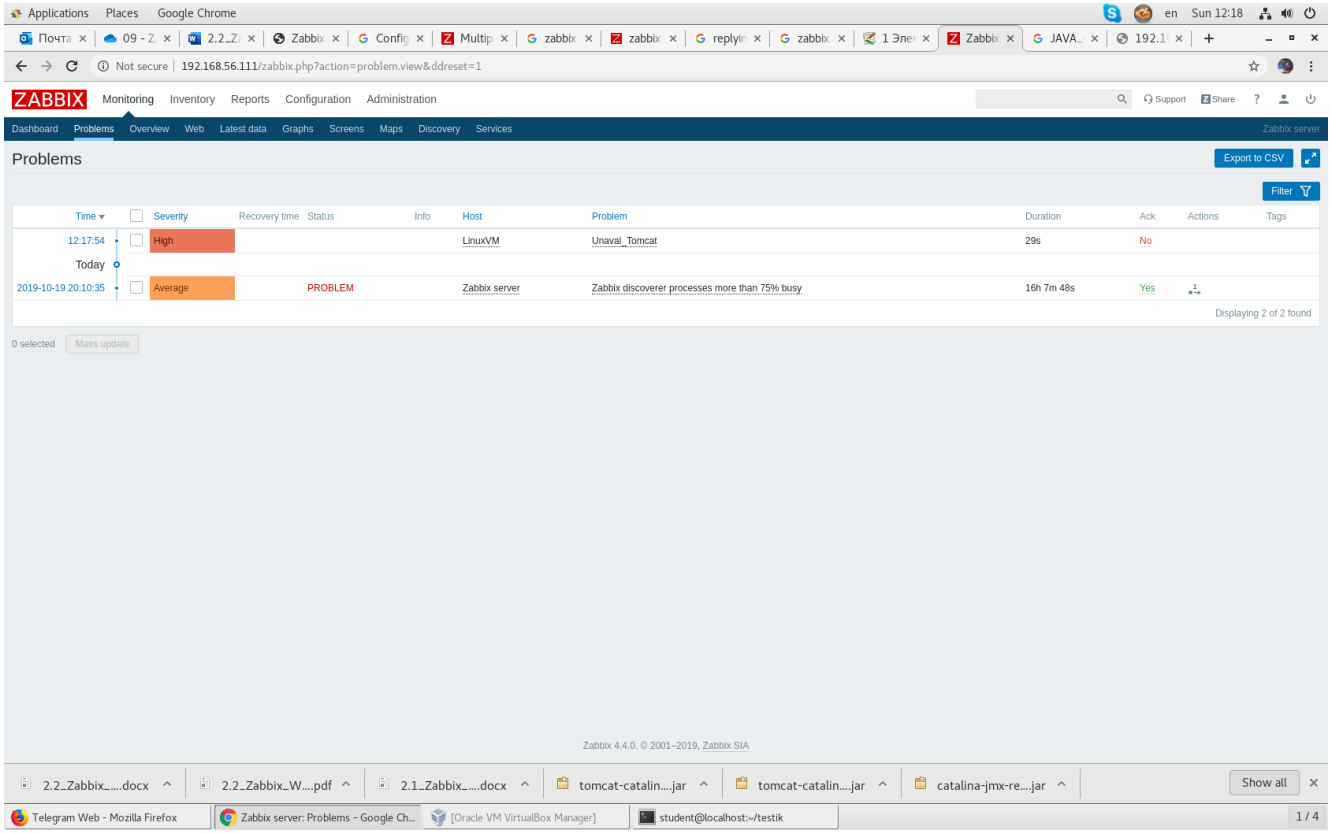
Applications
Places
Google Chrome
en
Sun 12:18
Not secure
192.168.56.111/zabbix.php?action=problem.view&ddreset=1
ZABBIX
Monitoring
Inventory
Reports
Configuration
Administration
Support
Share
Dashboard
Problems
Overview
Web
Latest data
Graphs
Screens
Maps
Discovery
Services
Zabbix server
Problems
Export to CSV
Filter
Time
Severity
Recovery time
Status
Info
Host
Problem
Duration
Ack
Actions
Tags
12:17:54
High
LinuxVM
Unaval_Tomcat
29s
No
Today
2019-10-19 20:10:35
Average
PROBLEM
Zabbix server
Zabbix discoverer processes more than 75% busy
16h 7m 48s
Yes
Displaying 2 of 2 found
0 selected
Mass update
Zabbix 4.4.0. © 2001–2019, Zabbix SIA
2.2_Zabbix_....docx
2.2_Zabbix_W....pdf
2.1_Zabbix_....docx
tomcat-catalin....jar
tomcat-catalin....jar
catalina-jmx-re....jar
Show all
Telegram Web - Mozilla Firefox
Zabbix server: Problems - Google Ch...
[Oracle VM VirtualBox Manager]
student@localhost:~/testik
1 / 4