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## EPAM Systems, RD Dep., RD Dep.

# MTN.NIX.05.Zabbix.Basics

REVISION HISTORY					
Ver.	Description of Change	Author	Date	Approved	
				Name	Effective Date
1.0	Initial Version	Siarhei Beliakou	23/May/201 7		

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#### Task. Zabbix. Basics

## **Testing Infrastructure:**

Vagrantfile to spin up 2 VMs (virtualbox):

- zabbix server, provisioned by Vagrant provisioner
- Zabbix agents on both VMs, provisioned by Vagrant provisioner

Configure zabbix to work on the server directly without /zabbix <a href="http://zabbix-server/zabbix">http://zabbix-server/zabbix</a> -> <a href="http://zabbix-server">http://zabbix-server</a>

#### Task:

You should install and configure Zabbix server and agents.

## 1. Using Zabbix UI:

- Create User group "Project Owners"
- Create User (example "Siarhei Beliakou"), assign user to "Project Owners", set email
- Add 2<sup>nd</sup> VM to zabbix: create Host group ("Project Hosts"), create Host in this group, enable ZABBIX Agent monitoring
- Assign to this host template of Linux
- Create custom checks (CPU Load, Memory load, Free space on file systems, Network load)
- Create trigger with Severity HIGH, check if it works (Problem/Recovery)
- Create Action to inform "Project Owners" if HIGH triggers happen

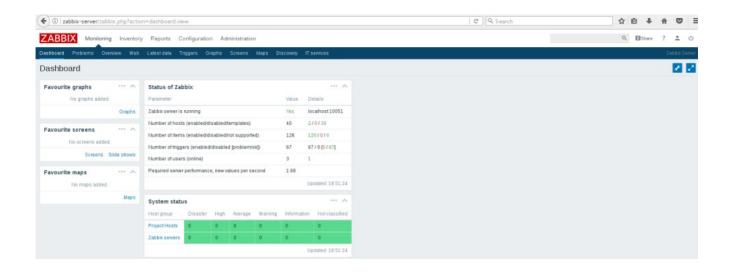
For both VMs use vagrant box "sbeliakou/centos-7.3-x86\_64-minimal"

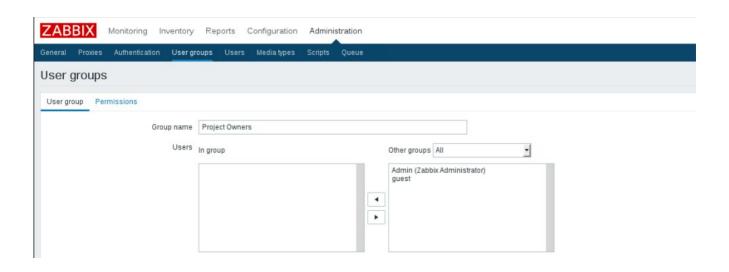
### 2. Using Zabbix UI:

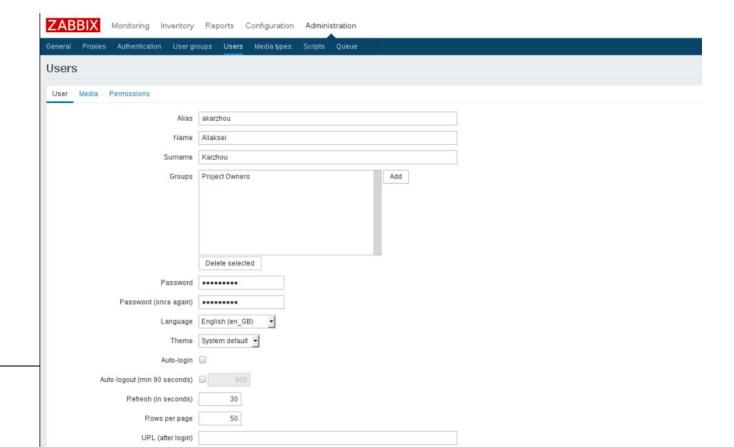
 Configure "Network discovery" so that, 2<sup>nd</sup> VM will be joined to Zabbix (group "Project Hosts", Template "Template OS Linux")

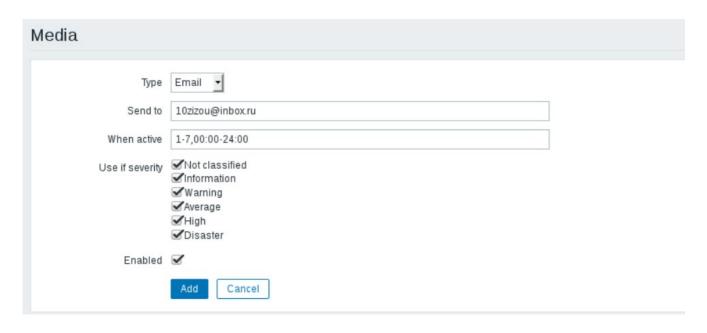
For both VMs use vagrant box "sbeliakou/centos-7.3-x86\_64-minimal"

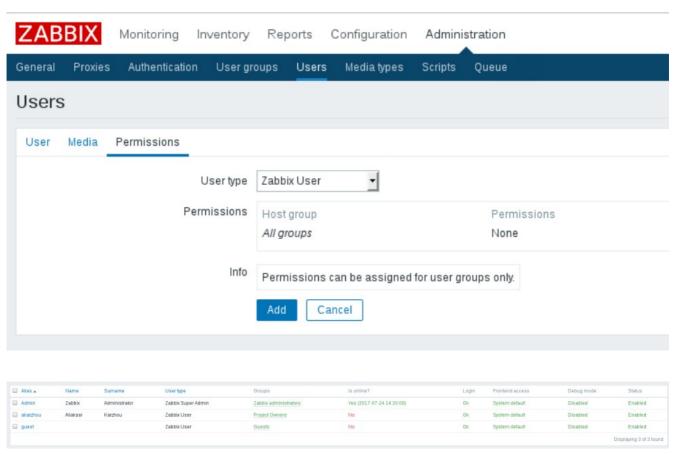
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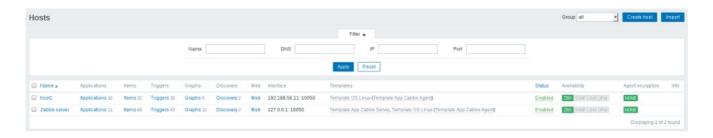


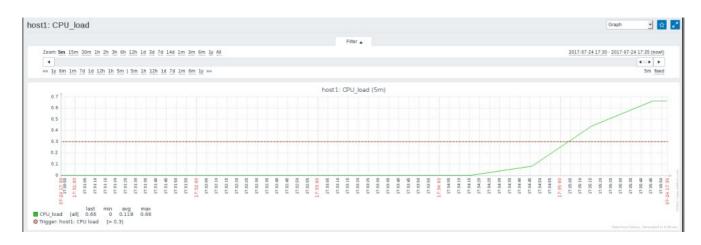


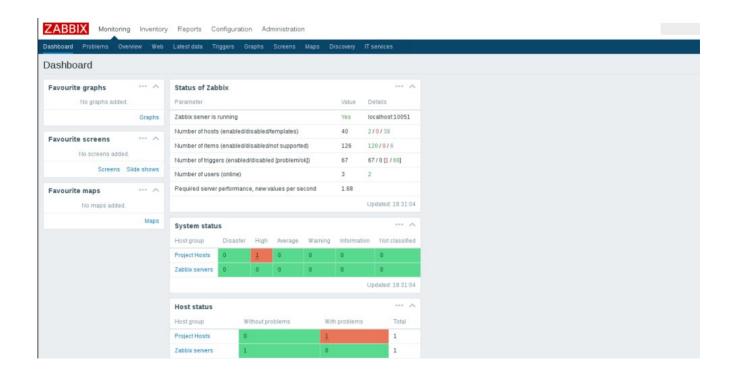




#### # /etc/zabbix/zabbix agentd.conf (Change IP address = zabbix server)







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