EPAM Systems, RD Dep. MTN.NIX.Zabbix_Basics

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, 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
 http://zabbix-server/zabbix
 http://zabbix-server

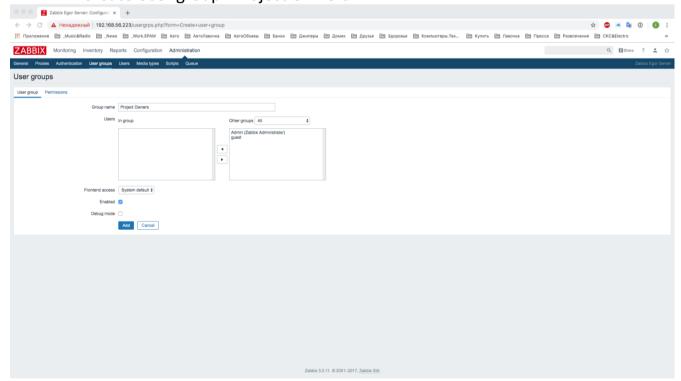
See Vagrant file and corresponding scripts, zabsrv-config.sh and zabag-config.sh, please.

Task:

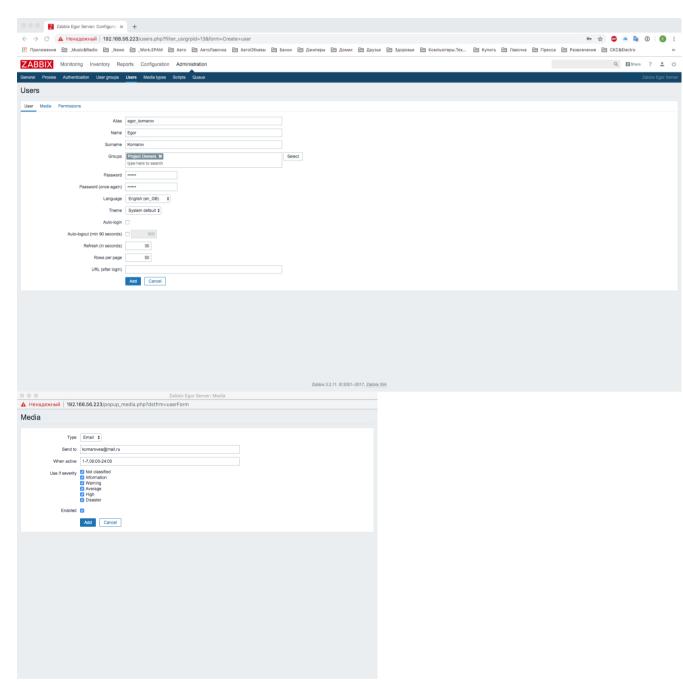
You should install and configure Zabbix server and agents.

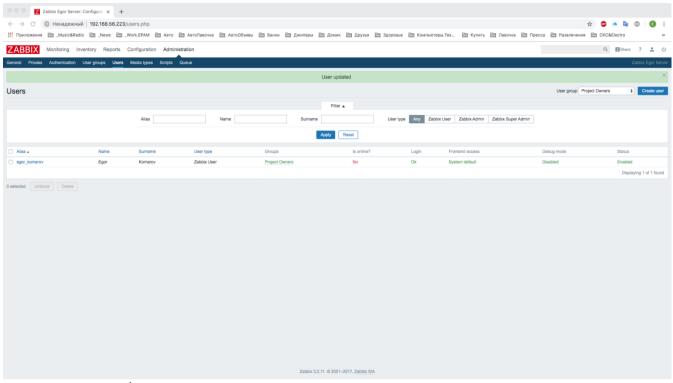
Using Zabbix UI:

Create User group "Project Owners"

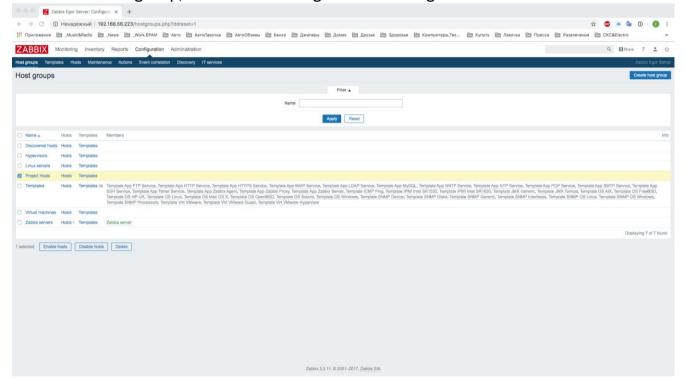


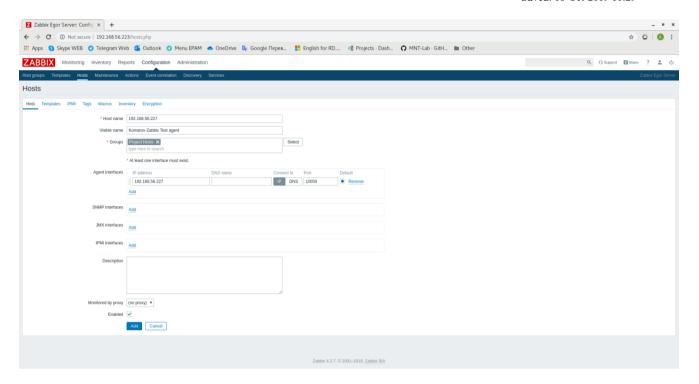
 Create User (example "Siarhei Beliakou"), assign user to "Project Owners", set email



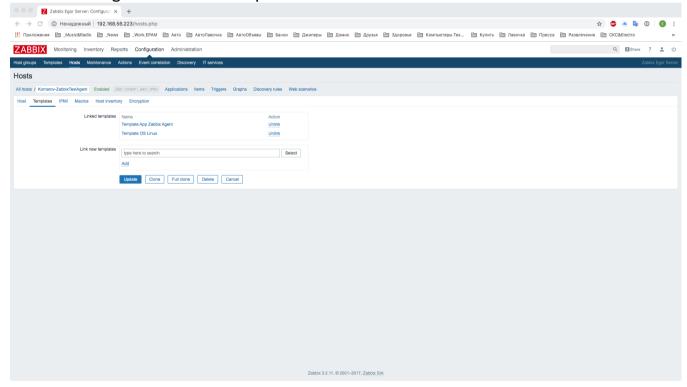


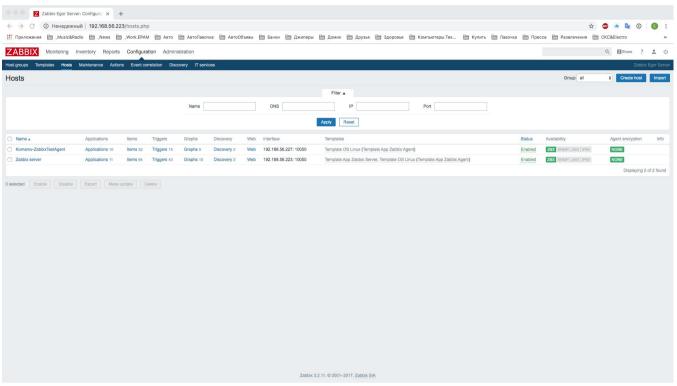
 Add 2nd VM to zabbix: create Host group ("Project Hosts"), create Host in this group, enable ZABBIX Agent monitoring



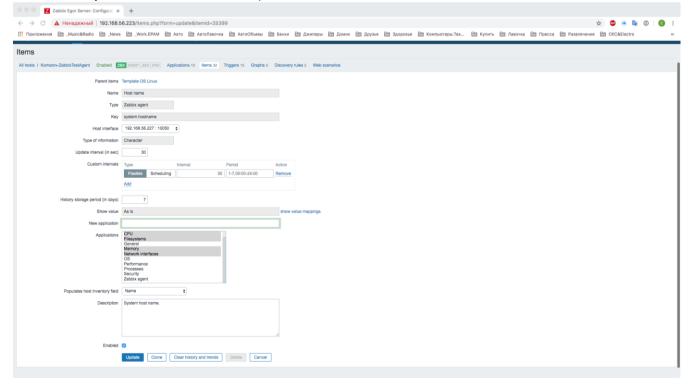


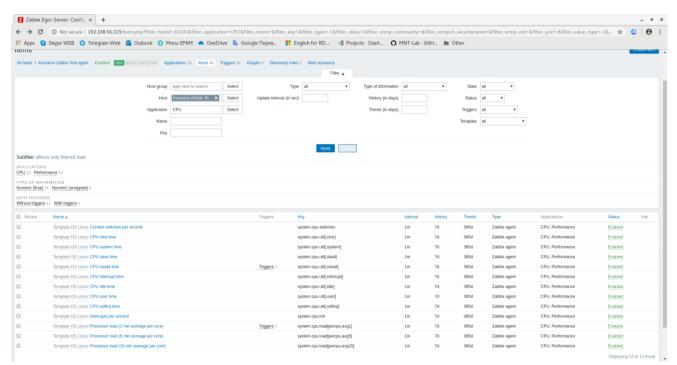
• Assign to this host template of Linux



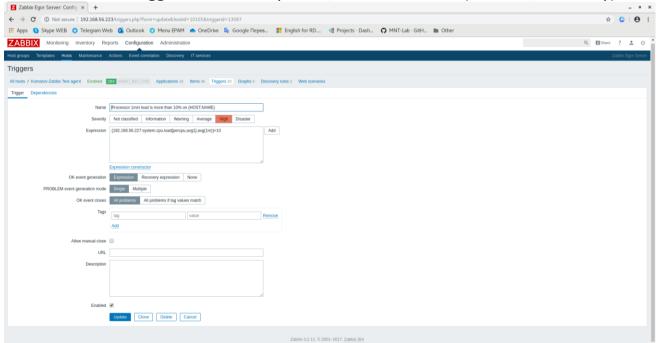


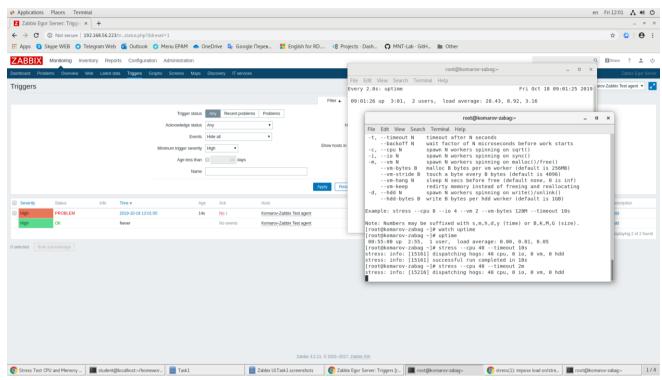
• Create custom checks (CPU Load, Memory load, Free space on file systems, Network load)



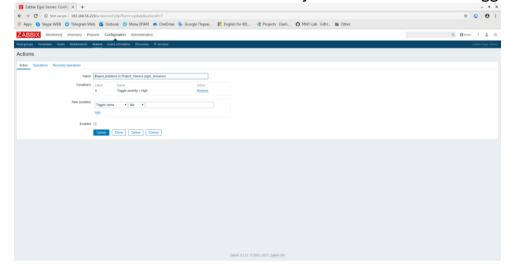


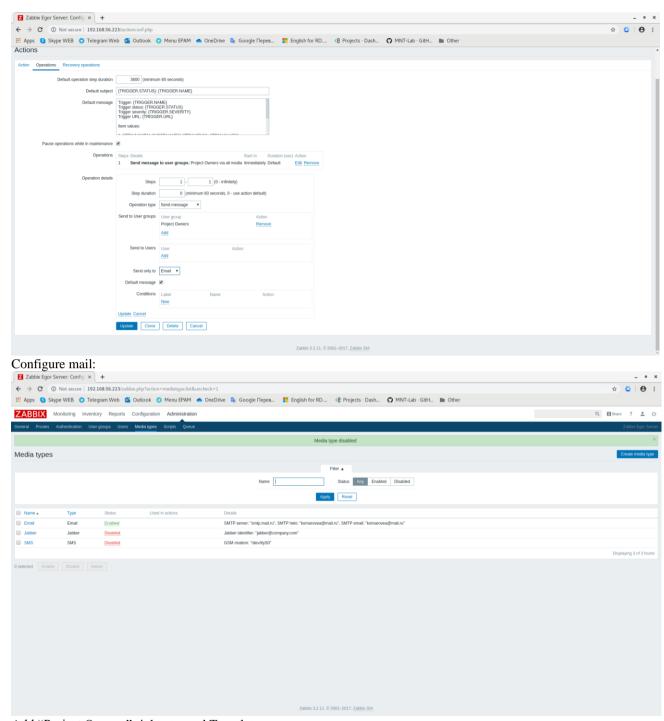
• Create trigger with Severity HIGH, check if it works (Problem/Recovery)



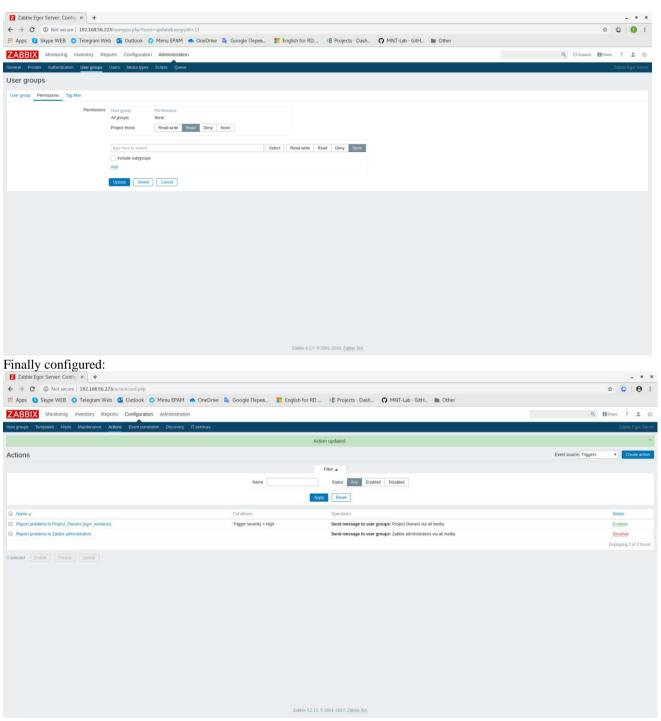


• Create Action to inform "Project Owners" if HIGH triggers happen

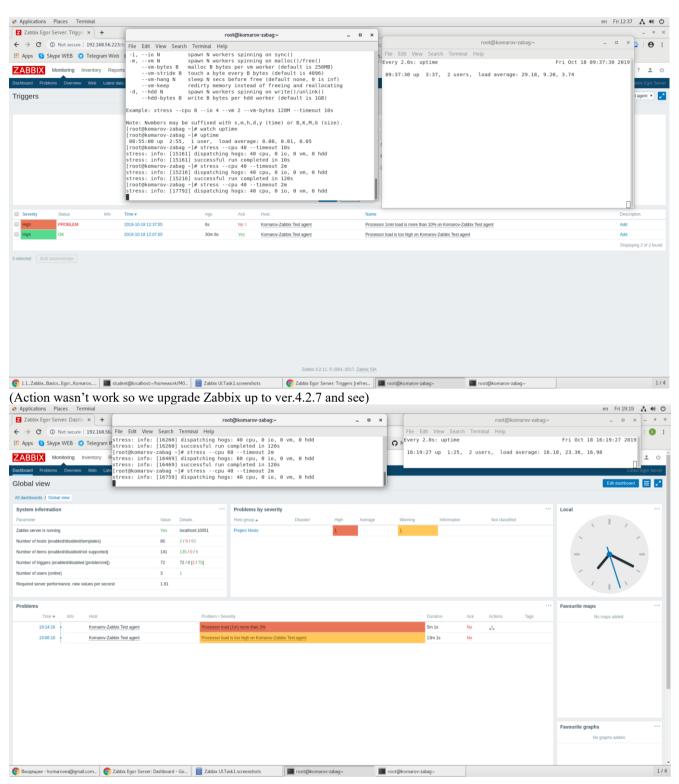


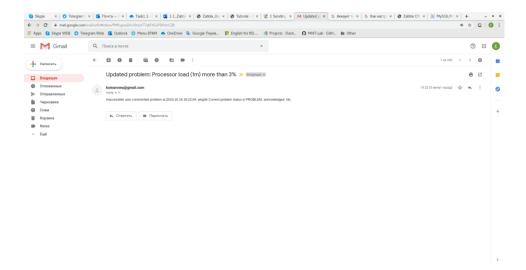


Add "Project Owners" rights to read Templates:



Test Action "Mail":





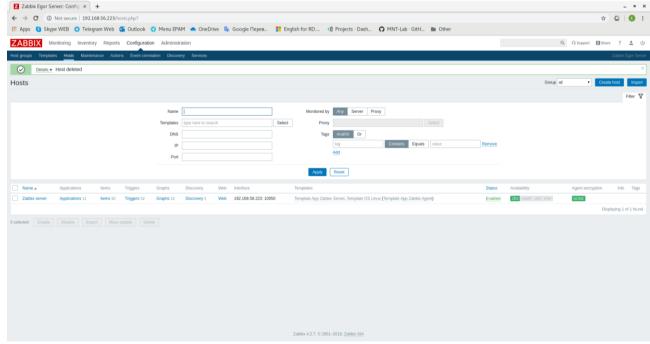
See attached screenshots, please

For both VMs use vagrant box "sbeliakou/centos"

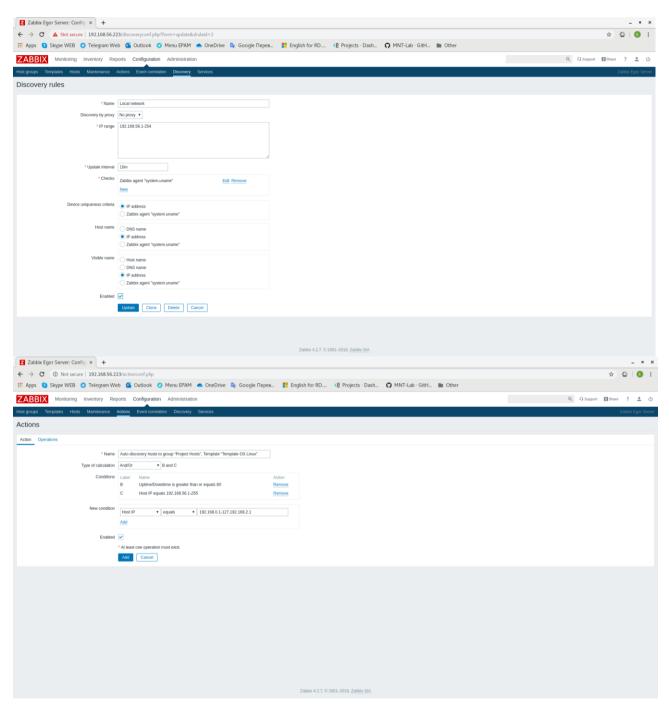
2. Using Zabbix UI:

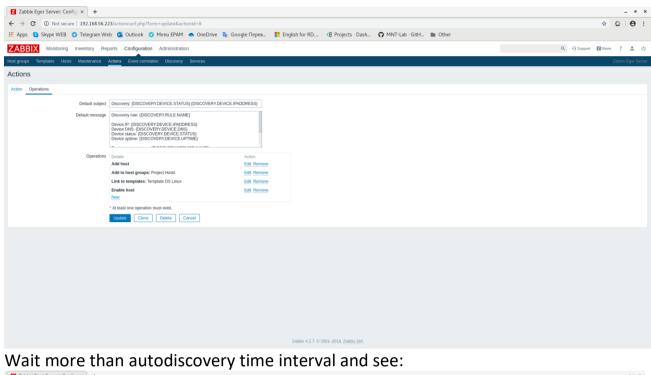
 Configure "Network discovery" so that, 2nd VM will be joined to Zabbix (group "Project Hosts", Template "Template OS Linux")

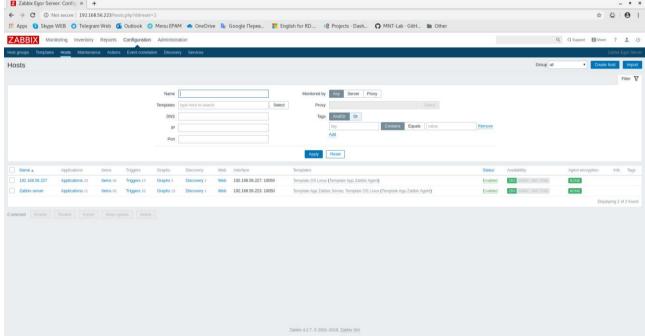
Let's delete Komarov-Zabbix Test agent host...:



...and configure autodiscovery to add it:







For both VMs use vagrant box "sbeliakou/centos"