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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/2017		

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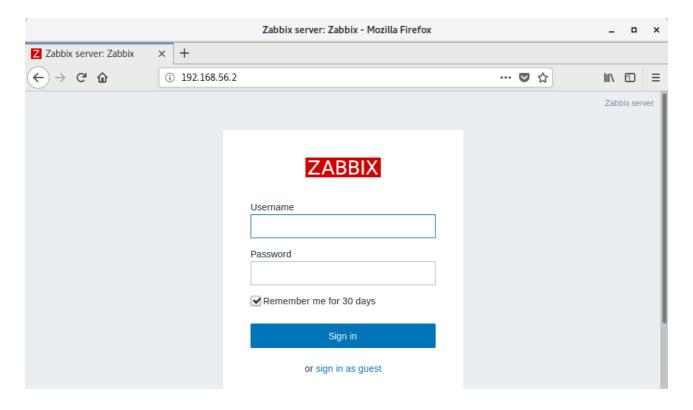
Task. Zabbix. Basics

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

#Alias /zabbix /usr/share/zabbix DocumentRoot "/usr/share/zabbix/"

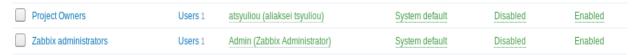


Task:

You should install and configure Zabbix server and agents.

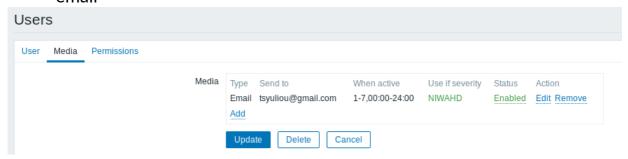
1. Using Zabbix UI:

• Create User group "Project Owners"

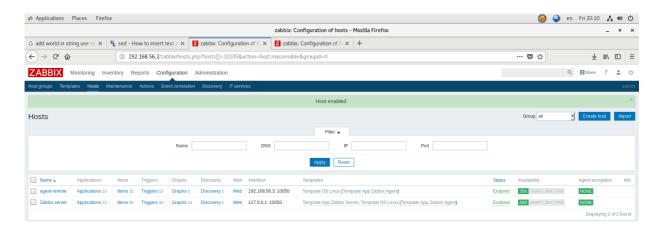


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• Create User (example "Siarhei Beliakou"), assign user to "Project Owners", set email



- 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



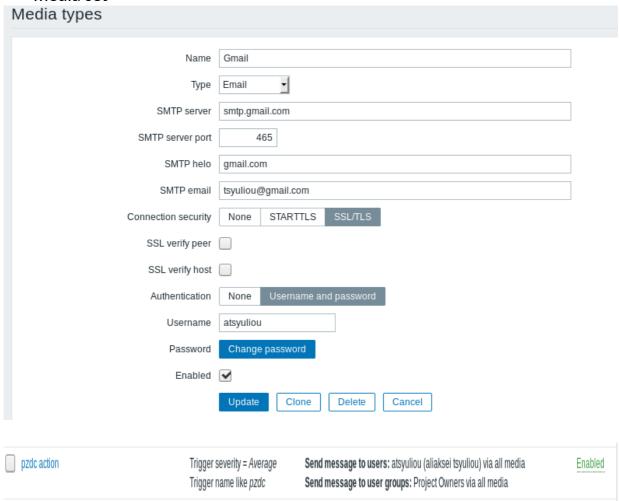
 Create custom checks (CPU Load, Memory load, Free space on file systems, Network load)



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



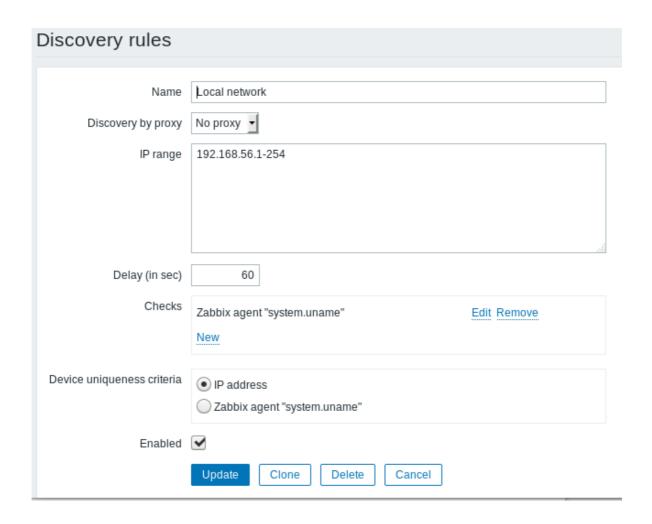
 Create Action to inform "Project Owners" if HIGH triggers happen -media set

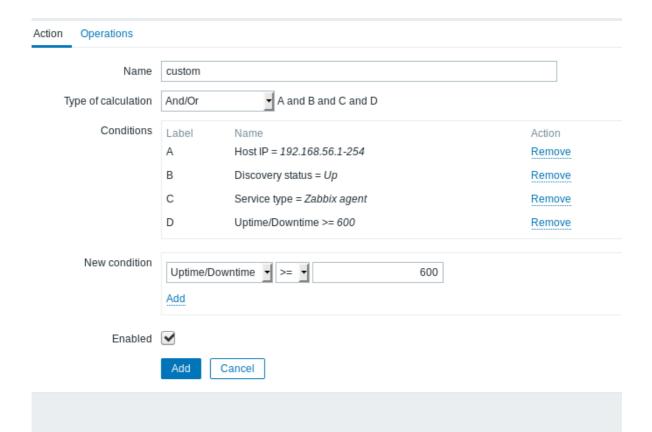


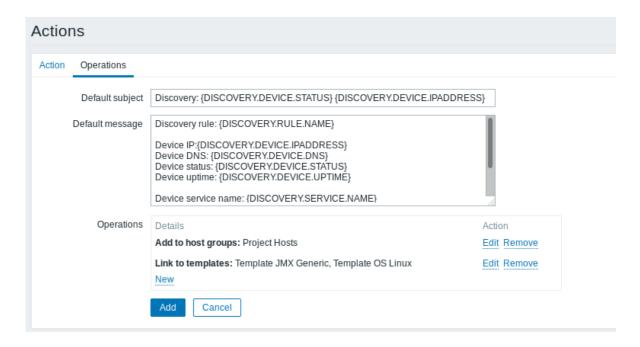
For both VMs use vagrant box "sbeliakou/centos-7.3-x86_64-minimal"

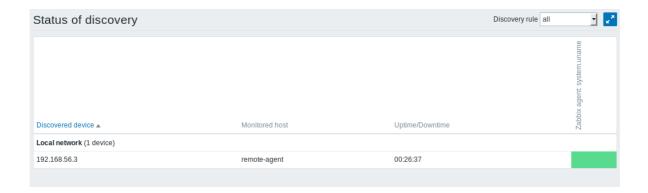
2. Using Zabbix UI:

• Configure "Network discovery" so that, 2nd 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"