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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

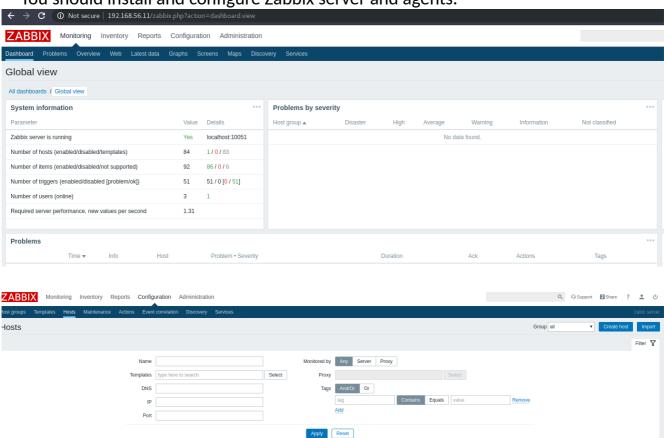
Testing Infrastructure:

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 http://zabbix-server/zabbix -> http://zabbix-server

Task:

You should install and configure Zabbix server and agents.



1. Using Zabbix UI:

Project Hosts Applications 11 Items 50 Triggers 18 Graphs 9

Create User group "Project Owners"

Web 192.168.56.33: 10050

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

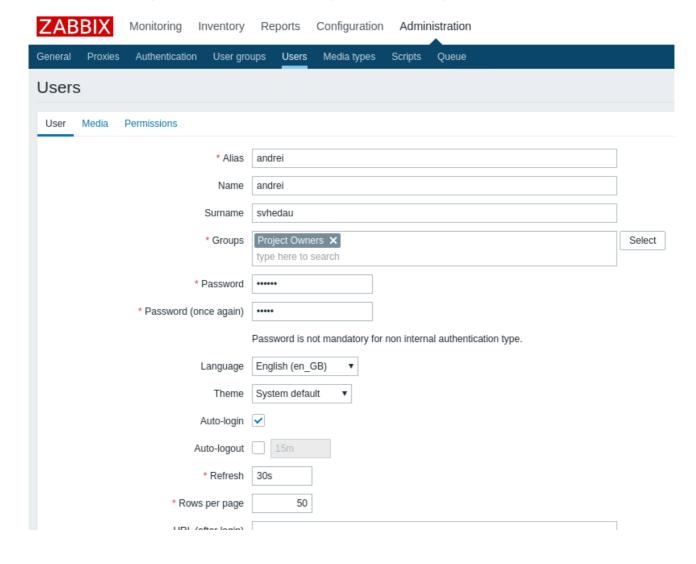
Template OS Linux (Template App Zabbix Agent)

Enabled ZBX SNMP JMX IPMI

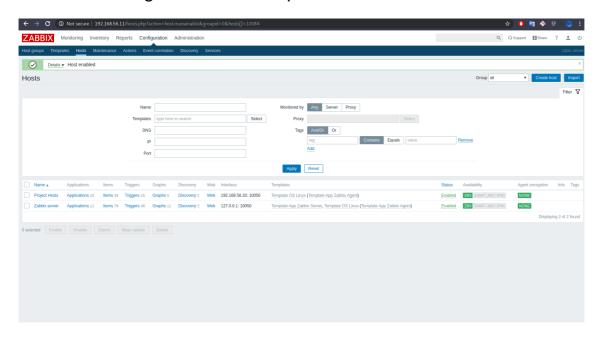
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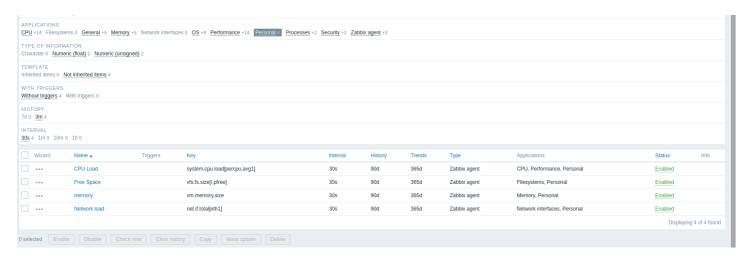
 Add 2nd VM to zabbix: create Host group ("Project Hosts"), create Host in this group, enable ZABBIX Agent monitoring



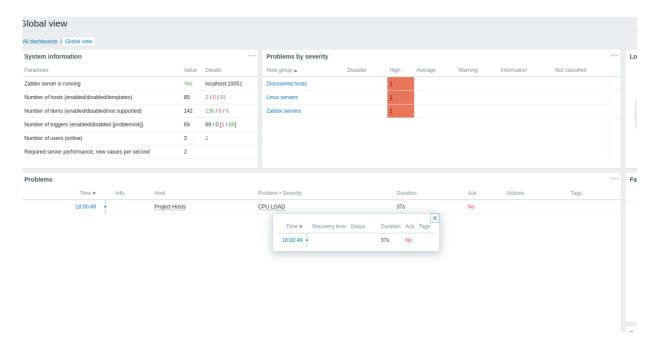
· Assign to this host template of Linux



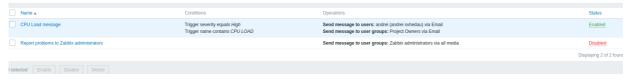
 Create custom checks (CPU Load, Memory load, Free space on file systems, Network load)

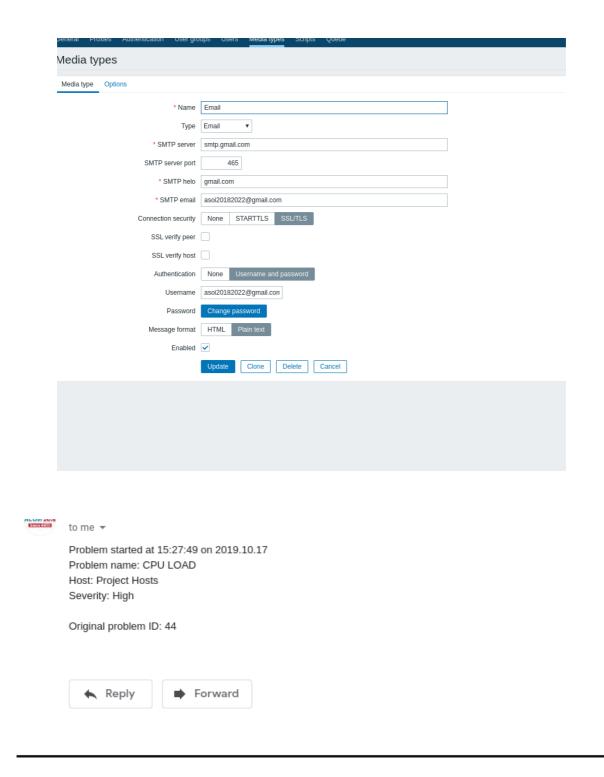


· Create trigger with Severity HIGH, check if it works (Problem/Recovery)



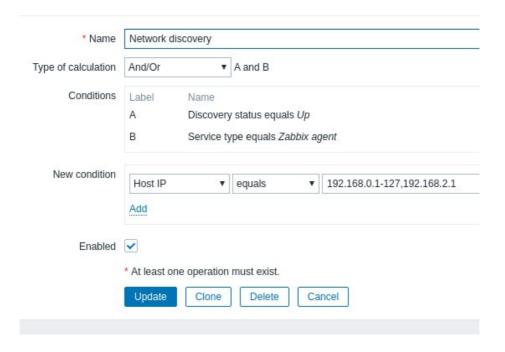
Create Action to inform "Project Owners" if HIGH triggers happen

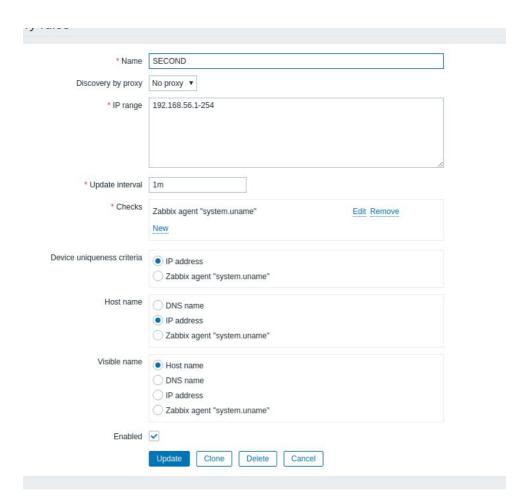




2. Using Zabbix UI:

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





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