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		

Task. Zabbix. Basics

Testing Infrastructure:

Vagrantfile to spin up 2 VMs (virtualbox):

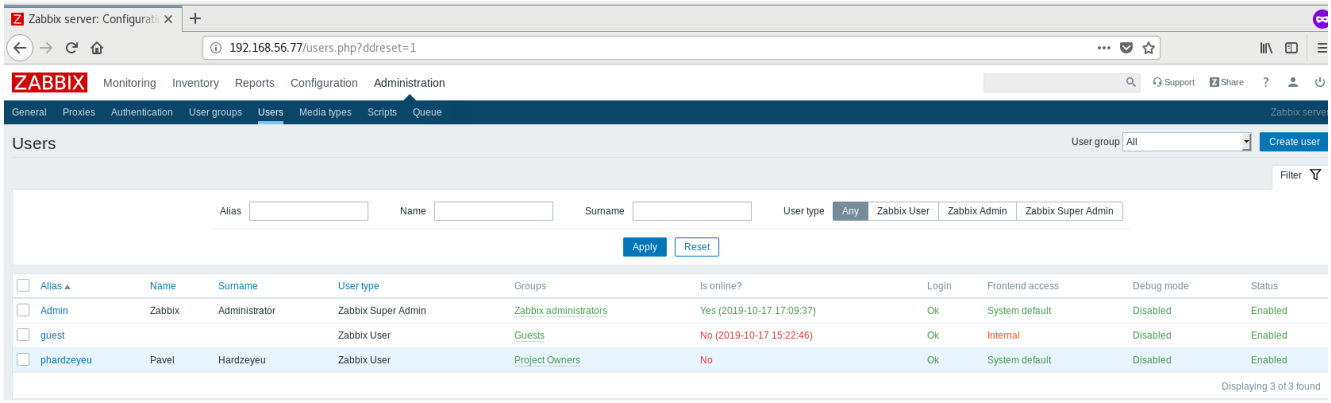
- zabbix server, provisioned by Vagrant provisioner
- Zabbix agents on both VMs, provisioned by Vagrant provisioner

Configure zabbix to work on the server directly without /zabbix
http://zabbix-server/zabbix -> http://zabbix-server

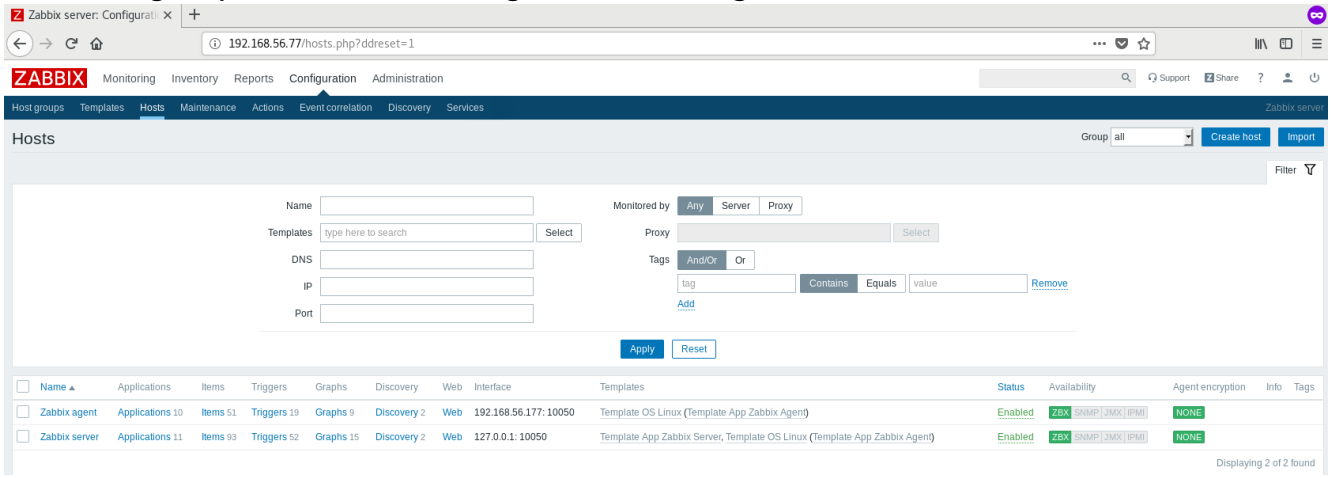
Task:

You should install and configure Zabbix server and agents.

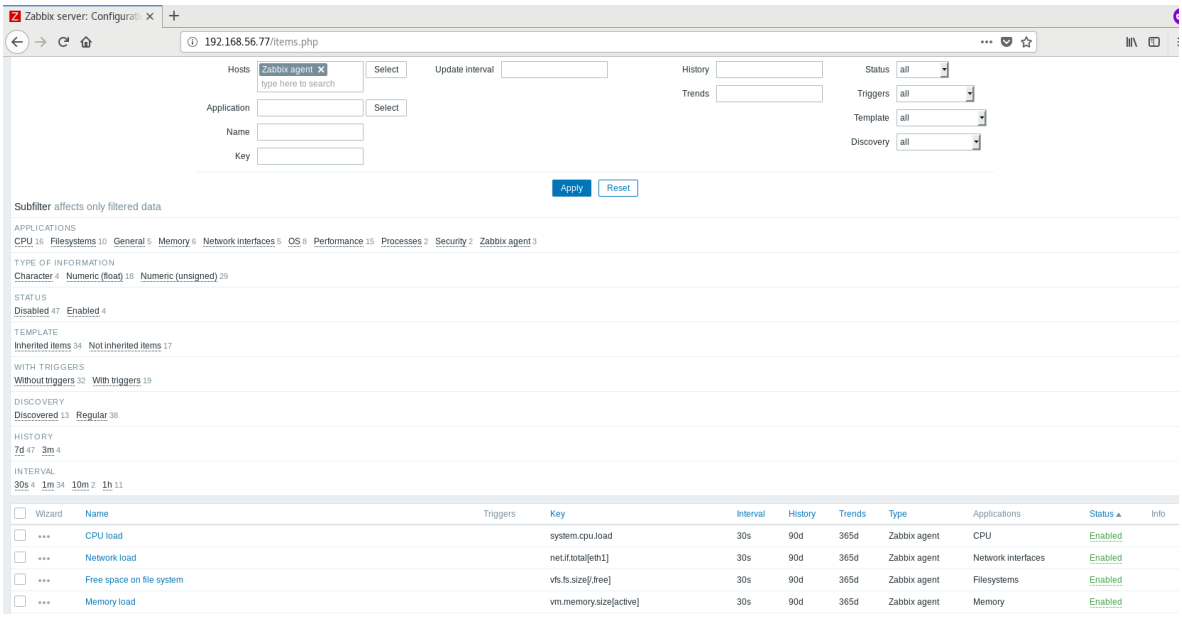
1. **Using Zabbix UI:**
    - Create User group “Project Owners”
    - Create User (example “Siarhei Beliakou”), assign user to “Project Owners”, set email

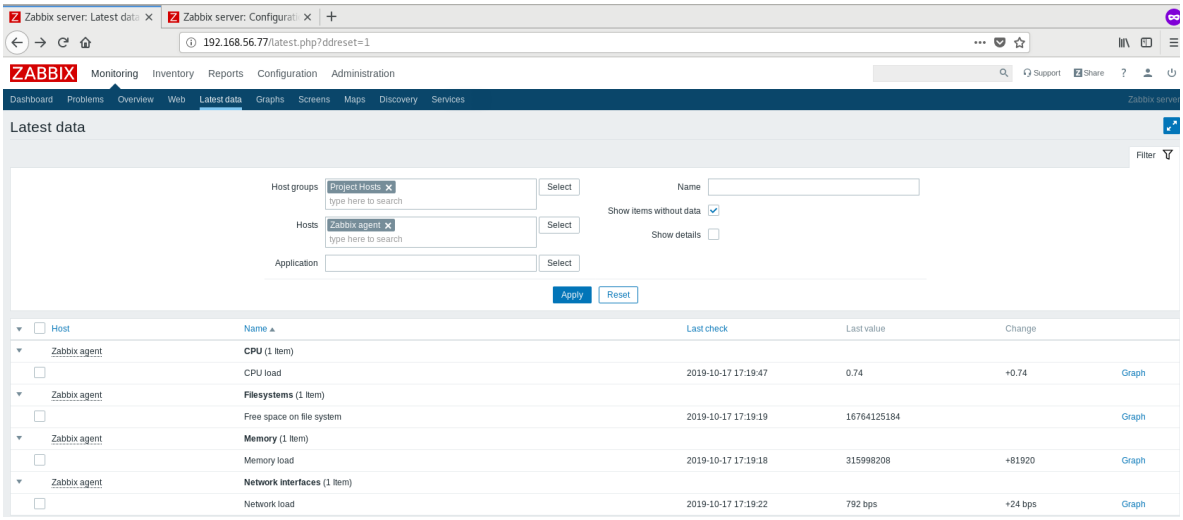


- Add 2nd VM to zabbix: create Host group (“Project Hosts”), create Host in this group, enable ZABBIX Agent monitoring

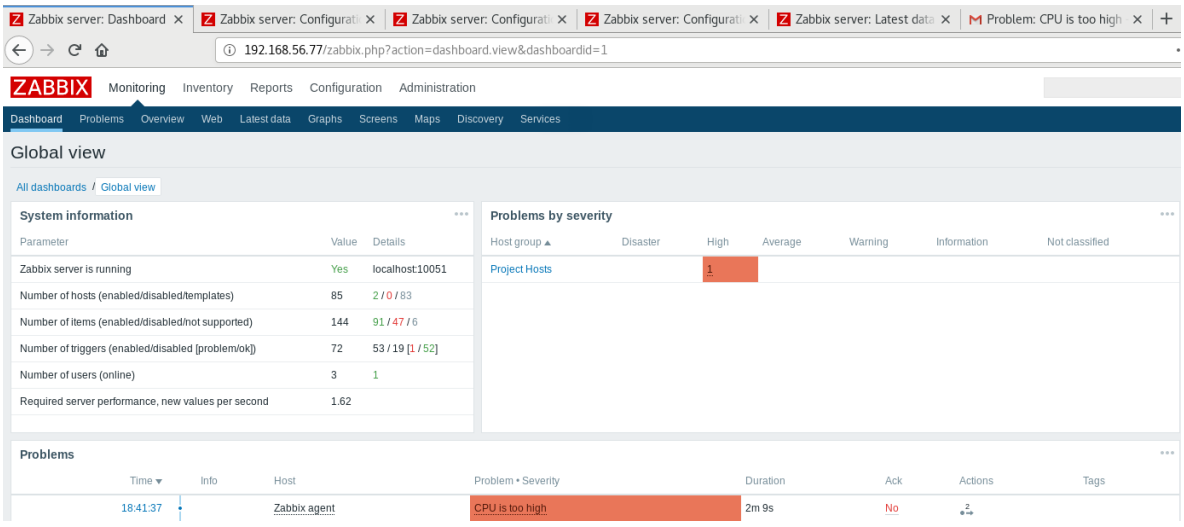


- Assign to this host template of Linux
- Create custom checks (CPU Load, Memory load, Free space on file systems, Network load)



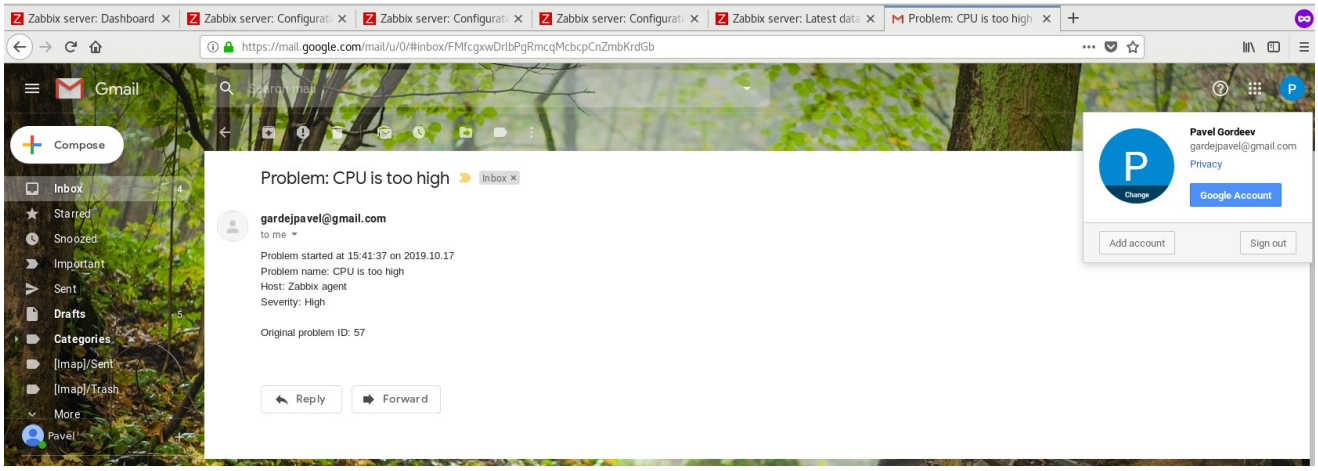


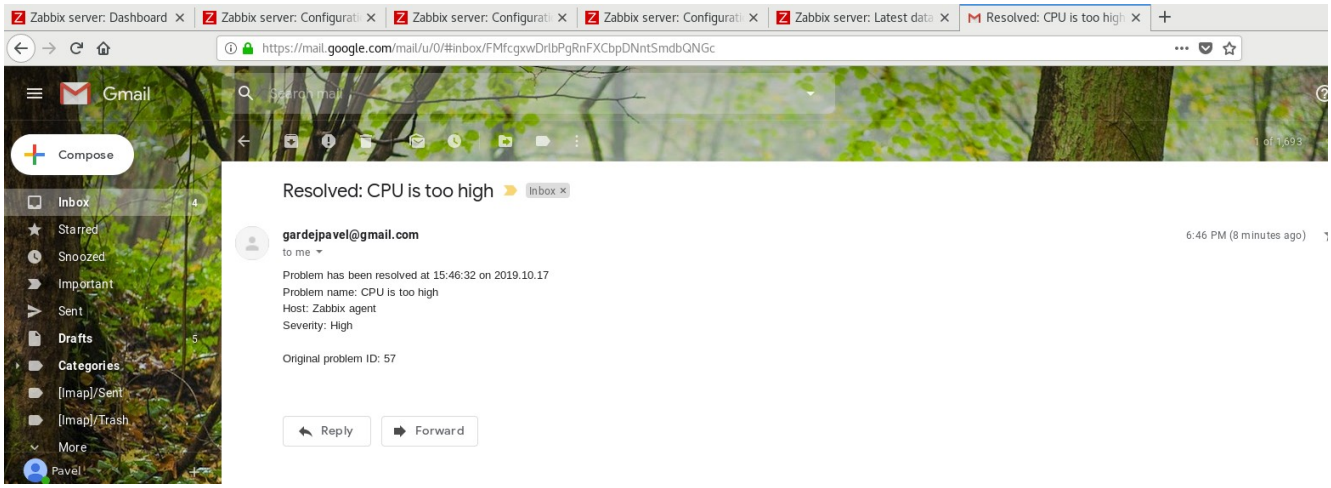
- Create trigger with Severity HIGH, check if it works (Problem/Recovery)



- Create Action to inform “Project Owners” if HIGH triggers happen

Loaded VM2 with stress –cpu 2

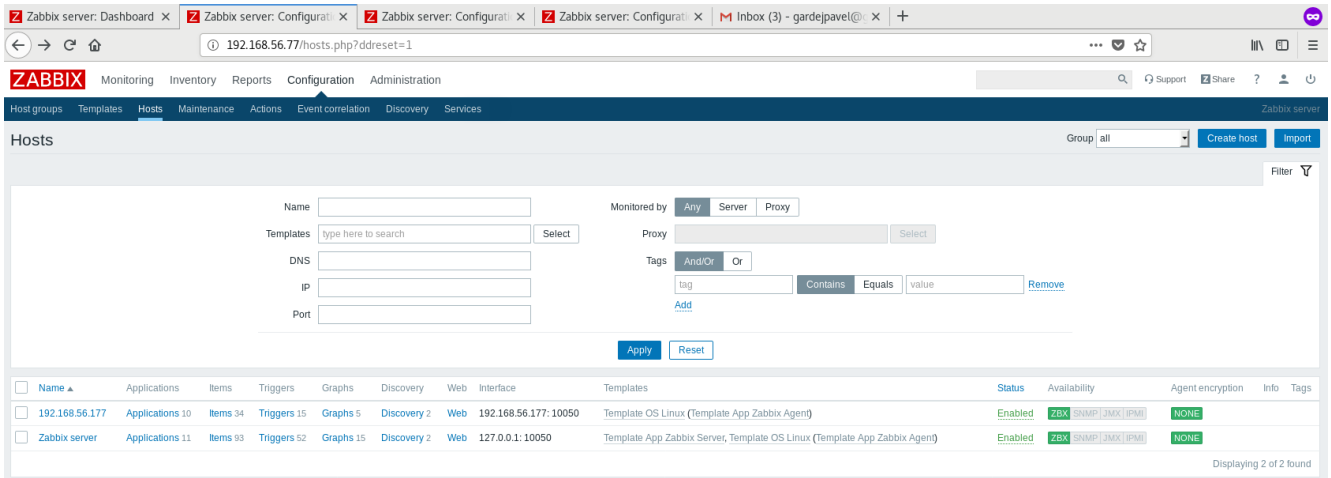


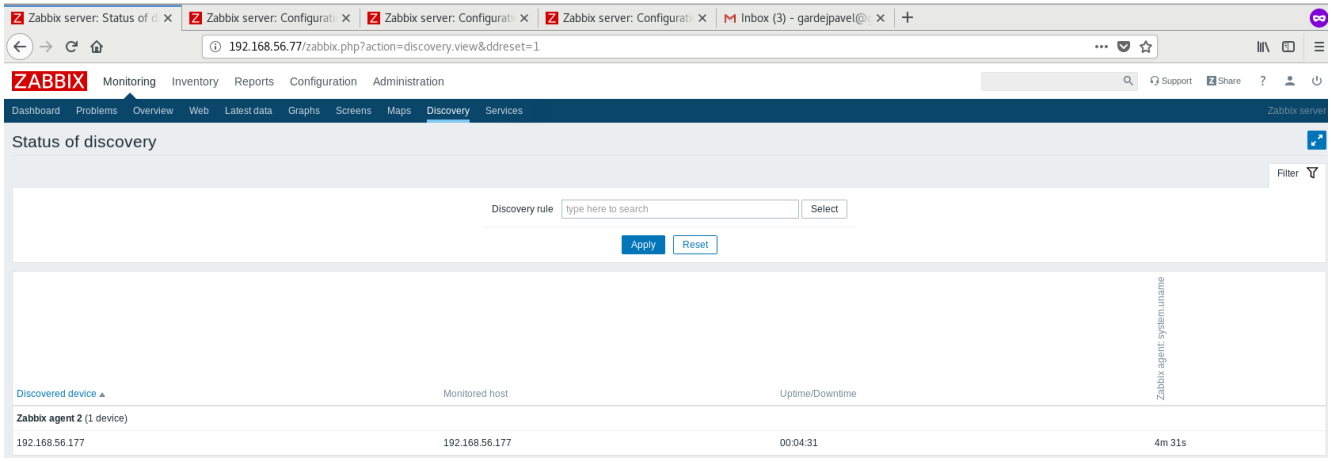


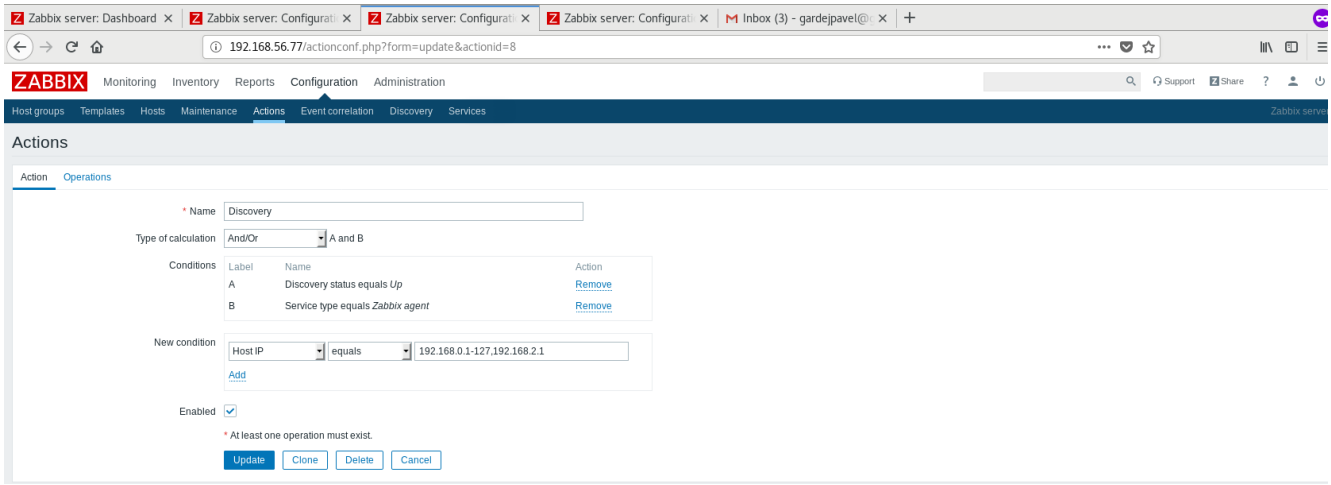
For both VMs use vagrant box “sbeliakou/centos-7.3-x86_64-minimal”

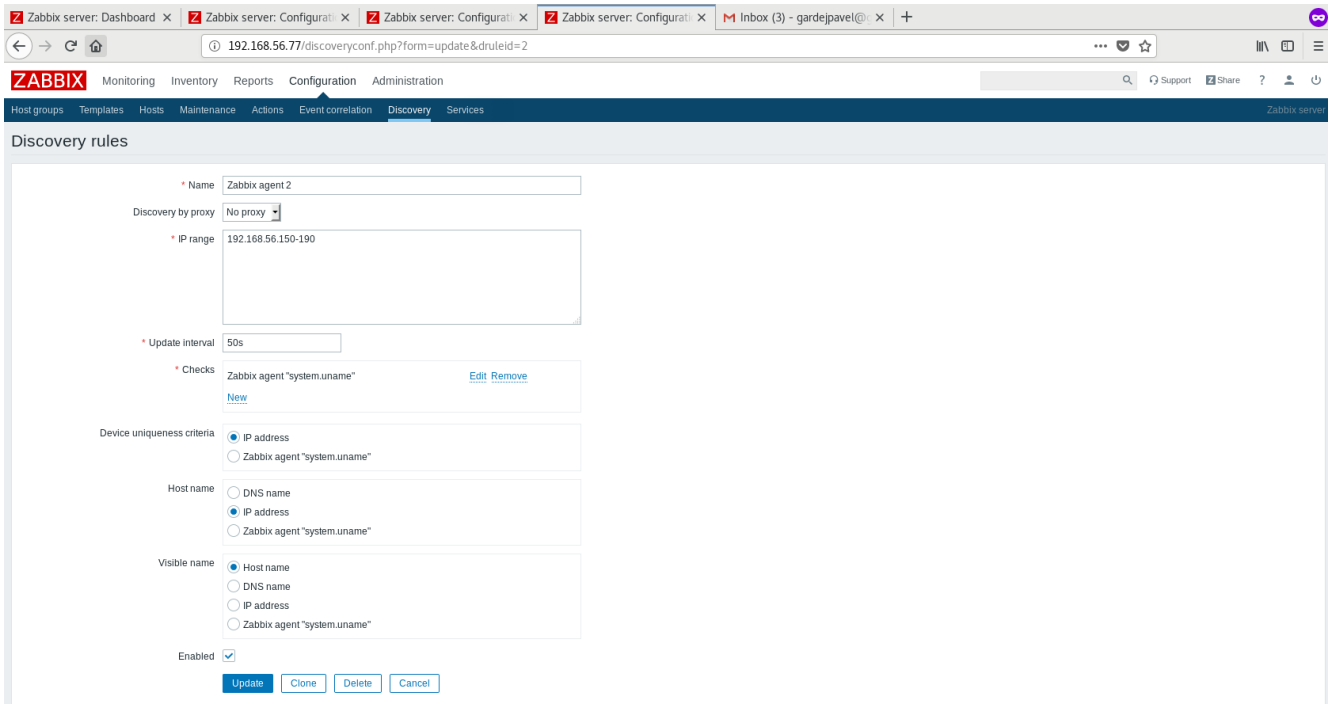
2. **Using Zabbix UI:**

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









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