

EPAM Systems, RD Dep., RD Dep.

MTN.NIX.05.Zabbix.Operations

| 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. Operations

Task:

Configure Custom graphs and screens of your infrastructure:

- 2 VMS, Zabbix Server and Tomcat Server

Creating maintenance period

zabbix-server/maintenance.php?form=update&maintenanceid=1

ZABBIX Monitoring Inventory Reports Configuration Administration

Host groups Templates Hosts Maintenance Actions Event correlation Discovery IT services

Maintenance periods

Maintenance Periods Hosts & Groups

| Periods | Period type | Schedule | Period | Action |
|---------|---------------------|------------------|--------|---|
| | One time only | 2017-07-26 17:40 | 1d 10m | Edit Remove |
| | New | | | |

[Update](#) [Clone](#) [Delete](#) [Cancel](#)

zabbix-server/maintenance.php?ddreset=1

ZABBIX Monitoring Inventory Reports Configuration Administration

Host groups Templates Hosts Maintenance Actions Event correlation Discovery IT services

Maintenance periods

Group: all [Create maintenance period](#)

Filter

Name: State: ☐ Any ☐ Active ☐ Approaching ☐ Expired

[Apply](#) [Reset](#)

| Name | Type | Active since | Active till | State | Description |
|-------------------------------|----------------------|------------------|------------------|--------|-------------|
| Test_maintenance_tomcat_is_ok | With data collection | 2017-07-26 17:40 | 2017-07-26 17:50 | Active | |

Displaying 1 of 1 found

ZABBIX Monitoring Inventory Reports Configuration Administration

Host groups Templates Hosts Maintenance Actions Event correlation Discovery IT services

Hosts

Group: all [Create host](#)

Filter

Name: DNS: IP: Port:

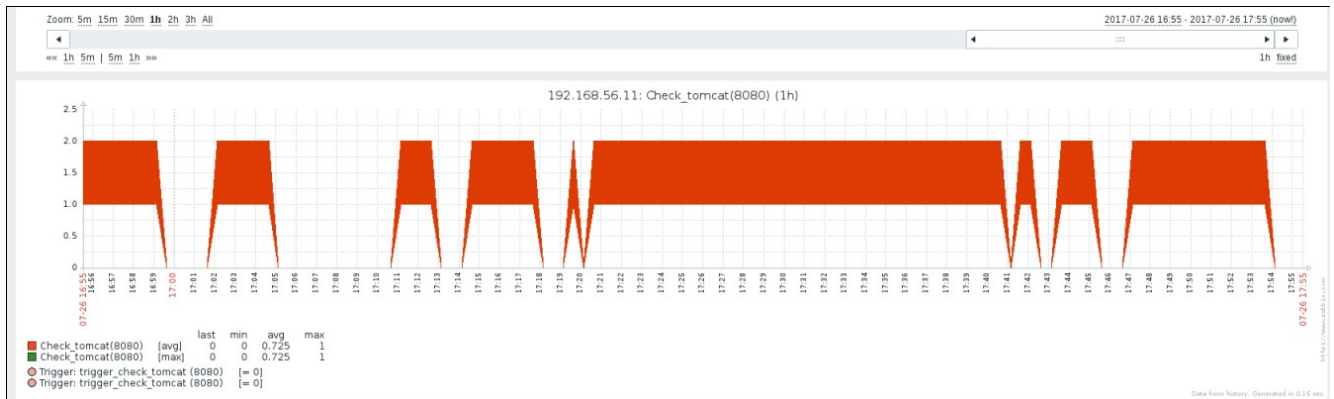
[Apply](#) [Reset](#)

| Name | Applications | Items | Triggers | Graphs | Discovery | Web | Interface | Templates | Status | Availability | Agent encry |
|---------------|-----------------|----------|-------------|-----------|-------------|-----|---------------------|---|----------------|------------------|-------------|
| 192.168.56.11 | Applications 10 | Items 52 | Triggers 24 | Graphs 9 | Discovery 2 | Web | 192.168.56.11:10050 | Template OS Linux (Template App Zabbix Agent) | In maintenance | 2BX SHAP 3:00 PM | NONE |
| server | Applications 10 | Items 48 | Triggers 21 | Graphs 9 | Discovery 2 | Web | 192.168.56.10:10050 | Template OS Linux (Template App Zabbix Agent) | Enabled | 2BX SHAP 3:00 PM | NONE |
| Zabbix server | Applications 11 | Items 65 | Triggers 43 | Graphs 10 | Discovery 2 | Web | 127.0.0.1:10050 | Template App Zabbix Server, Template OS Linux (Template App Zabbix Agent) | Enabled | 2BX SHAP 3:00 PM | NONE |

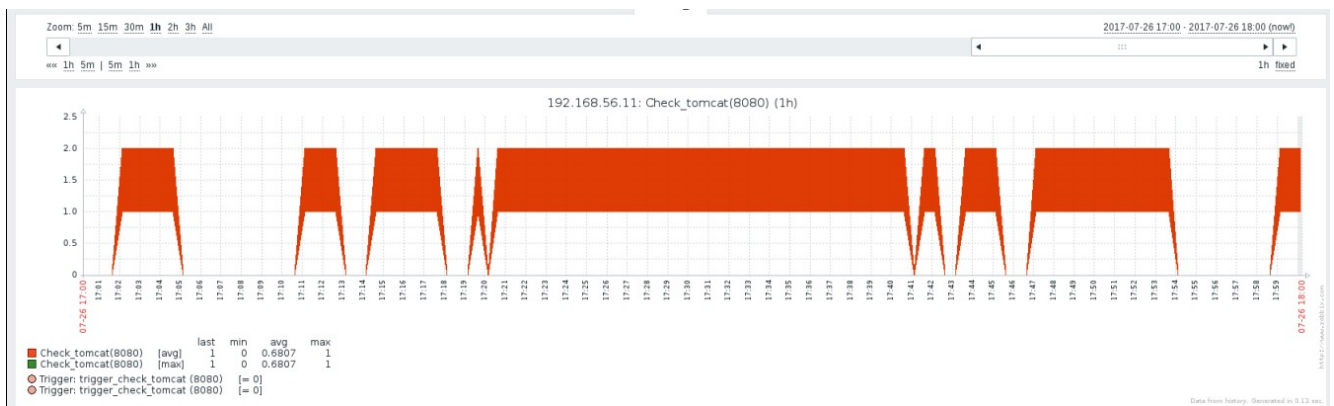
Displaying

Not custom graph (for example checking tomcat on 8080 port)

Stop tomcat on our host and we see the next diagram



Now start tomcat and we see the next diagram



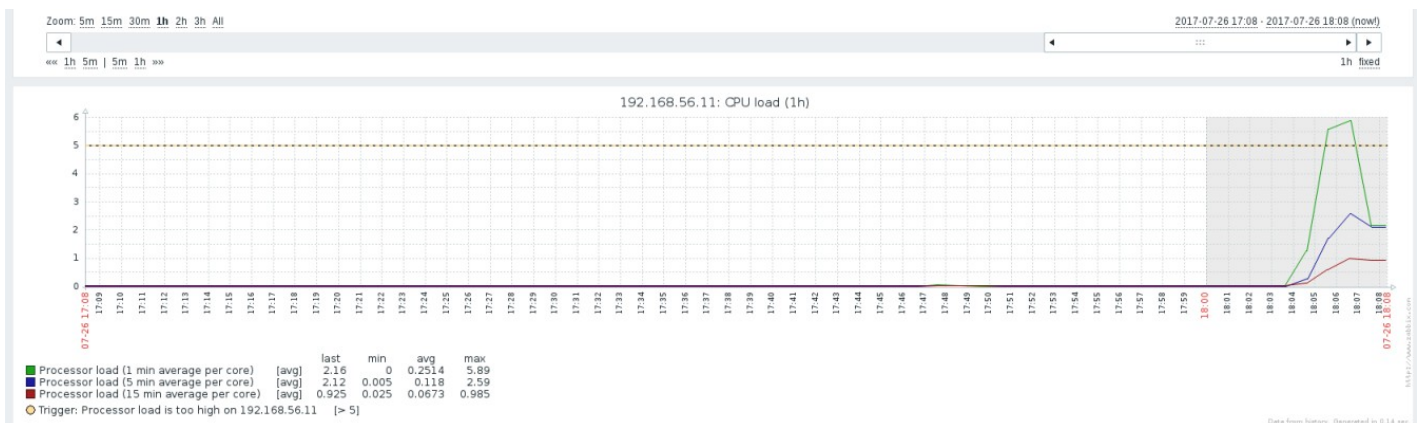
Check out CPU load from host 1

Start stress tool

```
Installed:
  stress.x86_64 0:1.0.4-16.el7

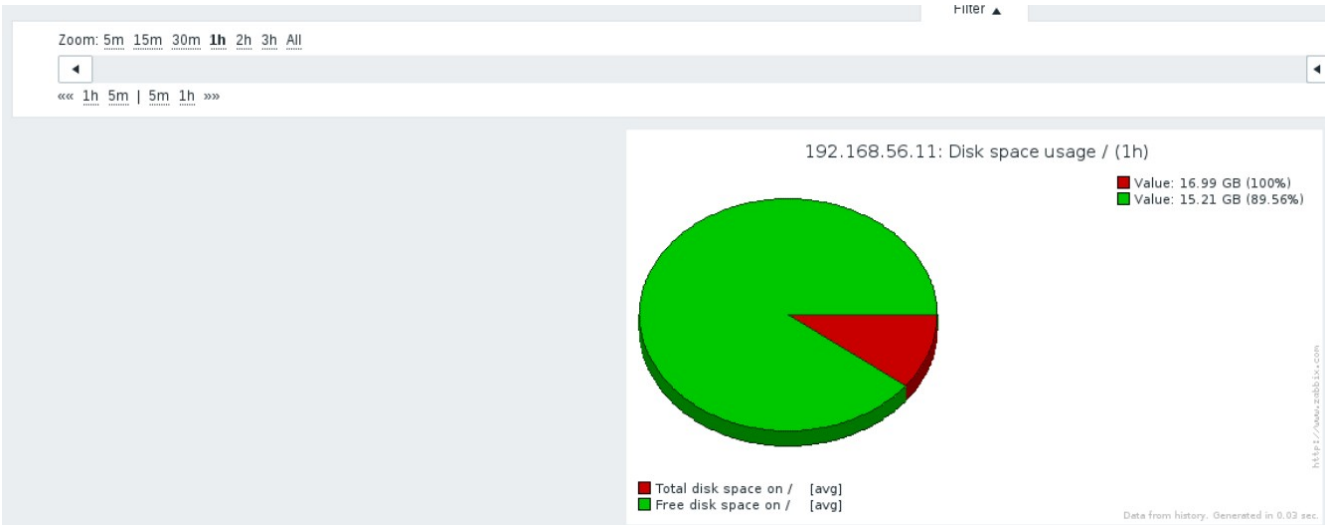
Complete!
[root@host-agent1 vagrant]# stress --cpu 16 --timeout 300
stress: info: [25109] dispatching hogs: 16 cpu, 0 io, 0 vm, 0 hdd
```

On our diagram we can see high level of CPU load



And when we stop tool the level of CPU is getting smaller

Check free disk space from host1



Download some big ISO and we see the another free disk space diagram

