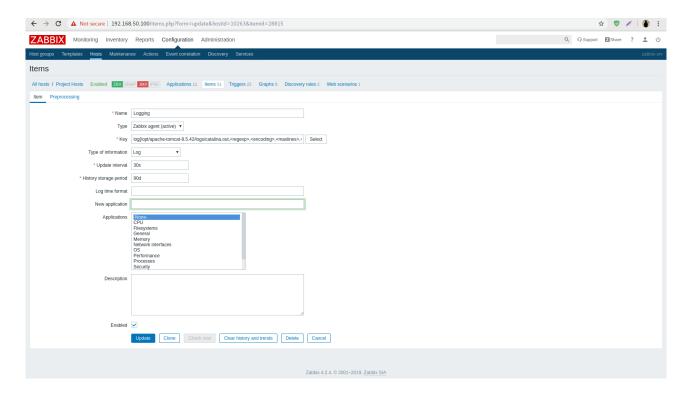
01: Zabbix Items

Task:

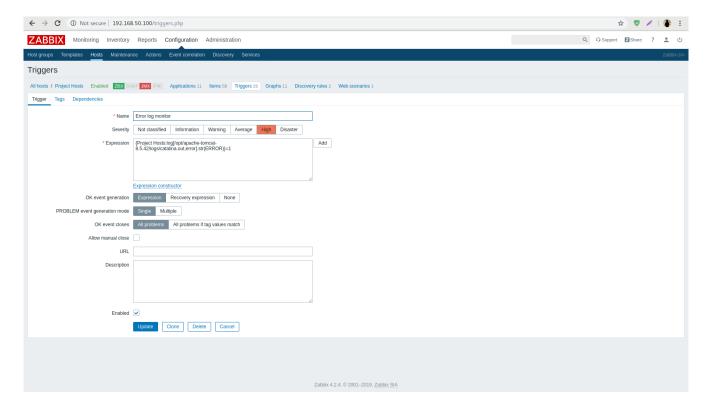
1. Create item and develop custom trigger for log monitoring (you can use httpd or tomcat logs)

```
#!/bin/bash
# access to remote logging
sudo sed -i '73a\EnableRemoteCommands=1' /etc/zabbix/zabbix_agentd.conf
# remote logging ON
sudo sed -i '82a\LogRemoteCommands=1' /etc/zabbix/zabbix_agentd.conf
# launch as root
sudo sed -i '256a\AllowRoot=1' /etc/zabbix/zabbix_agentd.conf
```

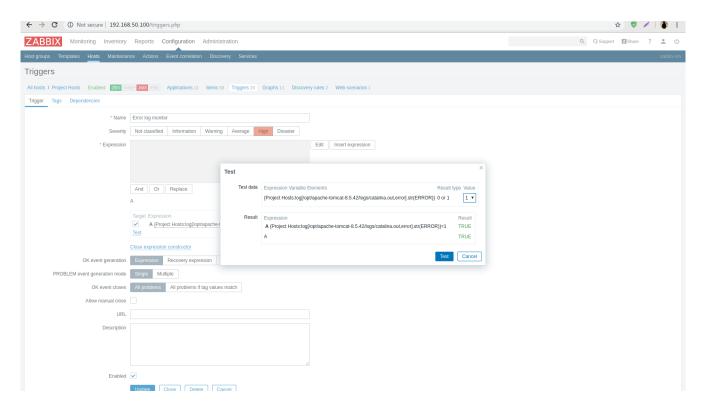


Picture 1

2. Create a trigger for errors in log file monitored by that item



Picture 2.1

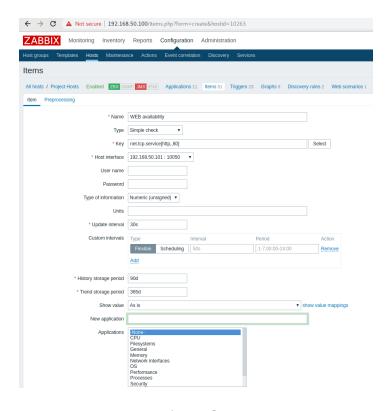


Picture 2.2

3. Configure:

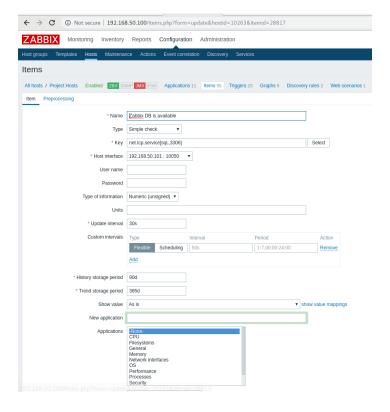
Simple checks:

Zabbix Server WEB availability (80)



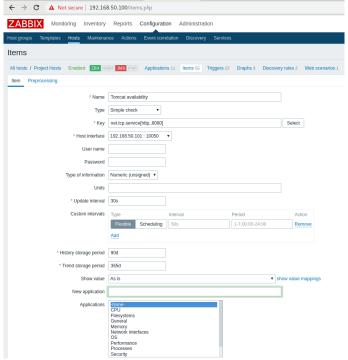
Picture 3.1

• Zabbix DB is available (3306)



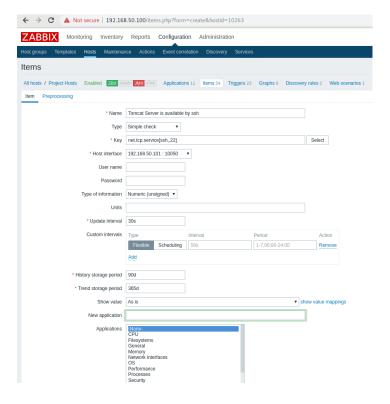
Picture 3.2

• Tomcat availability (80, 8080)



Picture 3.3

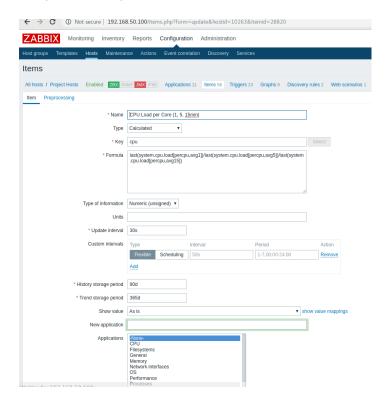
• Tomcat Server is available by ssh (22)



Picture 3.4

Calculated Checks:

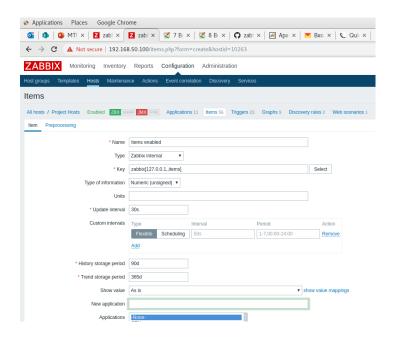
• CPU Load per Core (1, 5, 15min)



Picture 3.5

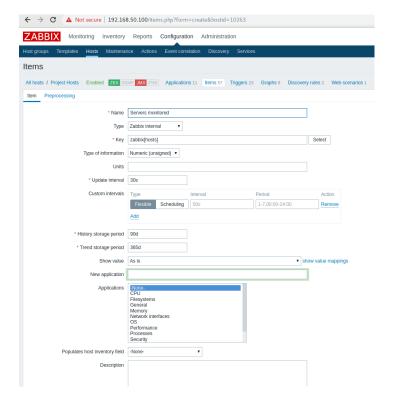
Internal Checks:

• How many items are enabled



Picture 3.6

• How many Servers are being monitored

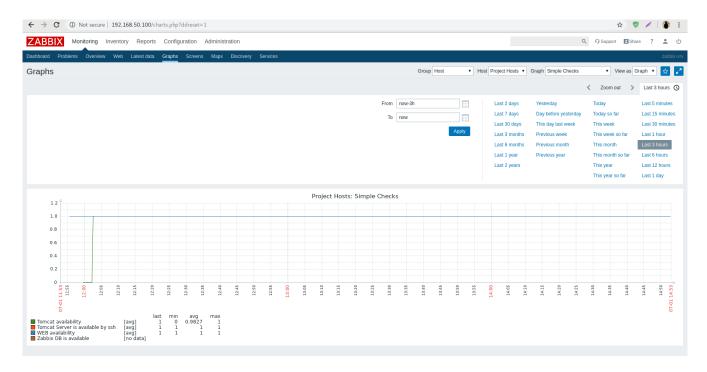


Picture 3.7

Create triggers for every check



Picture 3.8



Picture 3.9