Saved: 25-May-2017 22:23

EPAM Systems, RD Dep., RD Dep.

MTN.NIX.05.Zabbix.Items

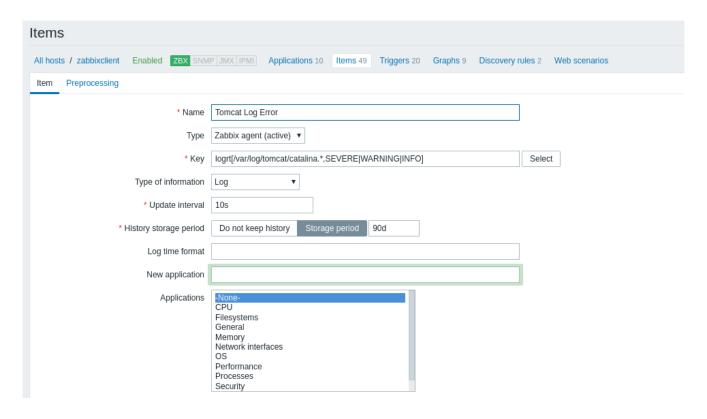
REVISION HISTORY						
Ver.	Description of Change	Author	Date	Approved		
				Name	Effective Date	
1.0	Initial Version	Siarhei Beliakou	23/May/2017			

Legal Notice

This document contains privileged and/or confidential information and may not be disclosed, distributed or reproduced without the prior written permission of EPAM Systems.

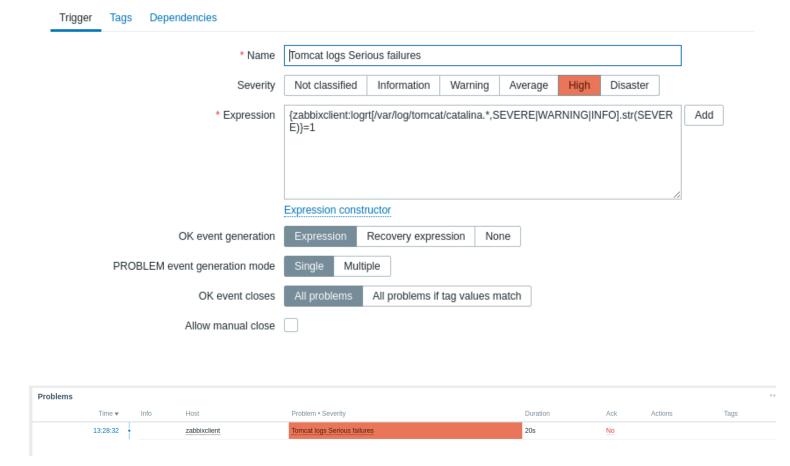
Tasks:

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



Timestamp	Local time	Value
2019-10-21 13:36:12		SEVERE: Cannot start server. Server instance is not configured.
2019-10-21 13:36:12		WARNING: Catalina.start using conf/server.xml: Content is not allowed in prolog.
2019-10-21 13:36:12		SEVERE: Parse Fatal Error at line 2 column 1: Content is not allowed in prolog.
2019-10-21 13:36:12		WARNING: Catalina.start using conf/server.xml: Content is not allowed in prolog.
2019-10-21 13:36:12		SEVERE: Parse Fatal Error at line 2 column 1: Content is not allowed in prolog.
2019-10-21 13:36:12		INFO: Destroying ProtocolHandler ["ajp-bio-8009"]
2019-10-21 13:36:12		INFO: Destroying ProtocolHandler ["http-bio-8080"]

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

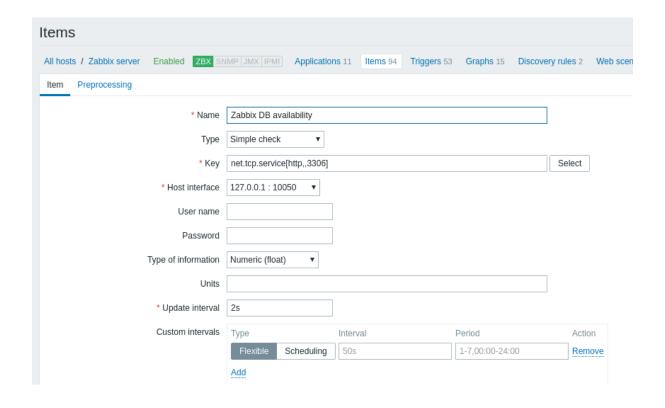


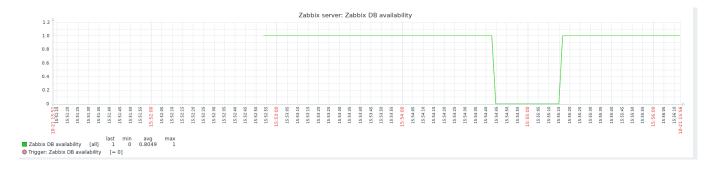
Task. Items

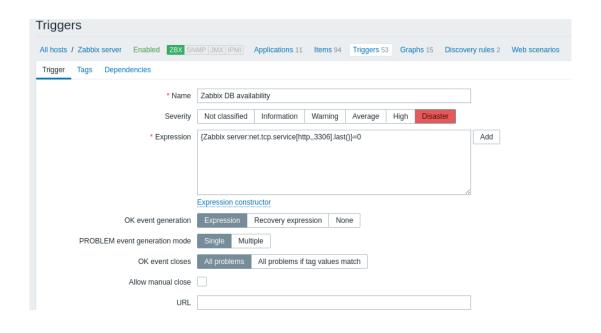
Task:

Assuming we have 2 servers (VMs) – ZabbixServer and Tomcat, Configure:

- 1. Simple checks:
 - Zabbix DB is available (3306)





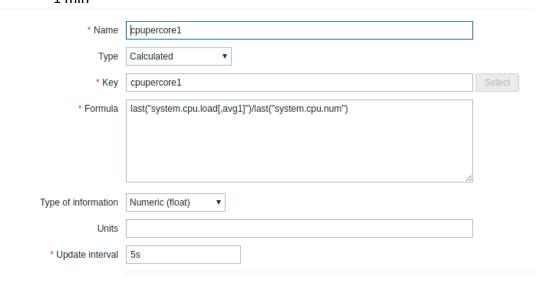




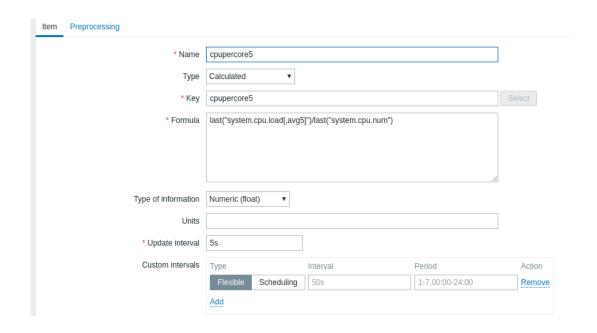
2. Calculated Checks:

• CPU Load per Core (1, 5, 15min)

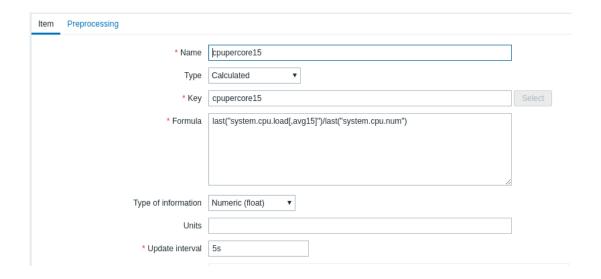
1 min



5 min



15 min

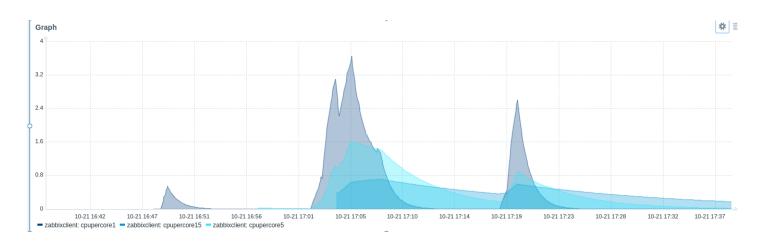


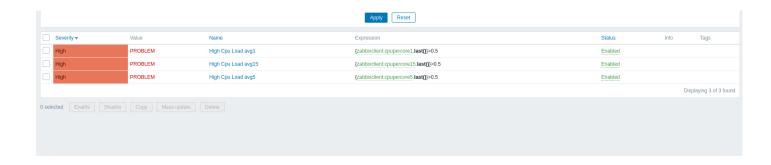
▼ zabbixclient	- other - (4 Items)				
	cpupercore1	2019-10-21 17:04:41	2.365	+0.14	Graph
	cpupercore5	2019-10-21 17:04:42	1.075	+0.05	Graph
	cpupercore15	2019-10-21 17:04:42	0.425	+0.02	Graph
	Tomcat Log	2019-10-21 15:29:33	INFO: Server startup in 234327 ms		History







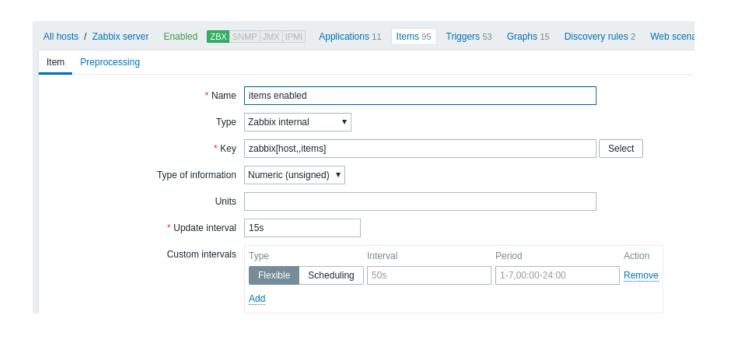


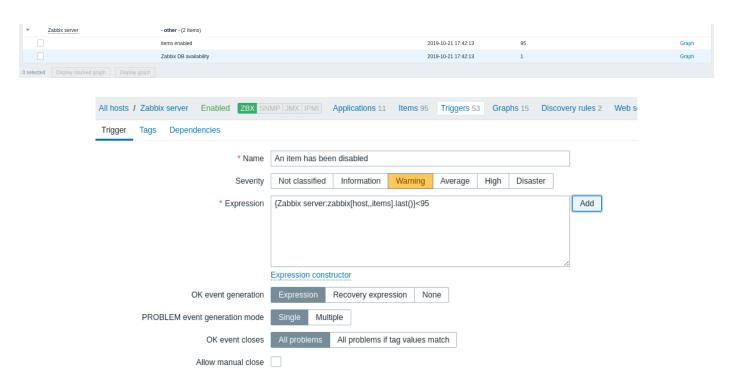


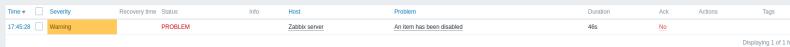
Problems							***
Time ▼	Info	Host	Problem • Severity	Duration	Ack	Actions	Tags
17:19:42		zabbixclient	High Cpu Load avg15	6s	No		
17:19:42		zabbixclient	High Cpu Load avg5	6s	No		
17:19:21		zabbixclient	High Cpu Load avg1	27s	No		

3. Internal Checks:

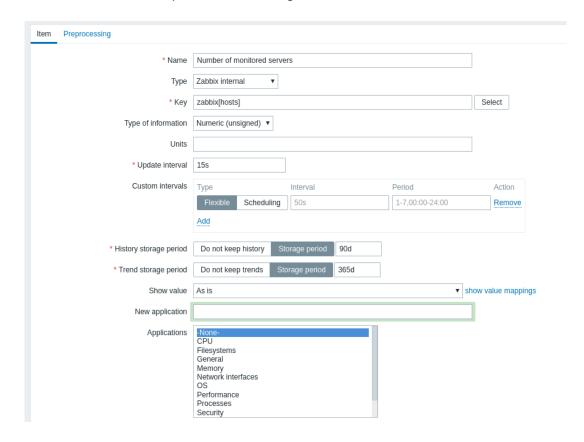
How many items are enabled

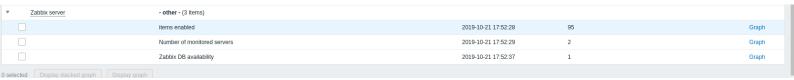


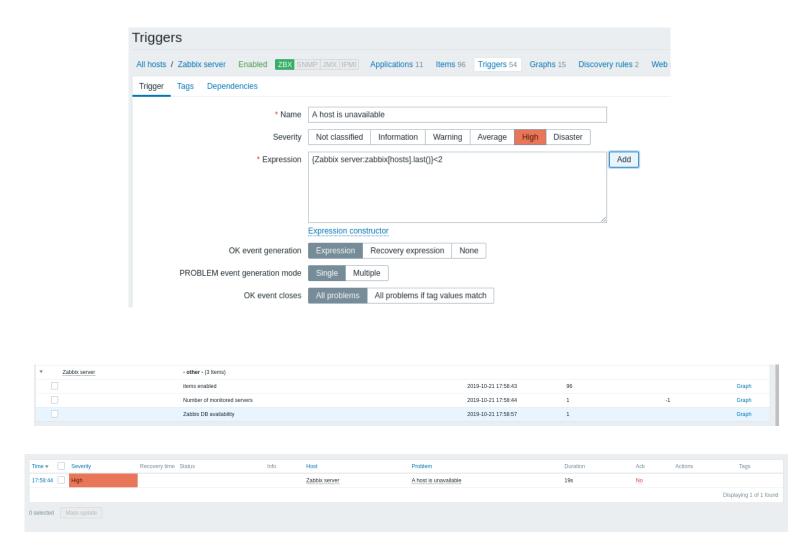




How many Servers are being monitored







© EPAM Systems, 2017

Create triggers for every check