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		

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

Zabbix-Auto-Agent: Logs tomcat

View as Values | As plain text

Zoom out | Last 1 hour | Filter

From now-1h
To now
Apply

Last 2 days | Yesterday | Today | Last 5 minutes
Last 7 days | Day before yesterday | Today so far | Last 15 minutes
Last 30 days | This day last week | This week | Last 30 minutes
Last 3 months | Previous week | This week so far | Last 1 hour
Last 6 months | Previous month | This month | Last 3 hours
Last 1 year | Previous year | This month so far | Last 6 hours
Last 2 years | | This year | Last 12 hours
| | This year so far | Last 1 day

Timestamp	Local time	Value
2019-10-21 12:44:27		21-Oct-2019 09:44:22.345 INFO [http-nio-8080-exec-2] org.apache.catalina.startup.HostConfig.undeploy Undeploying context [/TestApp]
2019-10-21 12:41:57		21-Oct-2019 09:41:37.710 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [/opt/tomcat/webapps/host-manager] has finished in [62] ms
2019-10-21 12:41:57		21-Oct-2019 09:41:37.648 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [/opt/tomcat/webapps/host-manager]
2019-10-21 12:41:57		21-Oct-2019 09:41:37.647 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [/opt/tomcat/webapps/examples] has finished in [159] ms
2019-10-21 12:41:57		21-Oct-2019 09:41:37.489 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [/opt/tomcat/webapps/examples]
2019-10-21 12:41:57		21-Oct-2019 09:41:37.488 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [/opt/tomcat/webapps/docs] has finished in [149] ms
2019-10-21 12:41:57		21-Oct-2019 09:41:37.339 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [/opt/tomcat/webapps/docs]
2019-10-21 12:41:57		21-Oct-2019 09:41:37.338 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [/opt/tomcat/webapps/ROOT] has finished in [96] ms
2019-10-21 12:41:57		21-Oct-2019 09:41:37.242 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [/opt/tomcat/webapps/ROOT]
2019-10-21 12:41:57		21-Oct-2019 09:41:37.238 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployWAR Deployment of web application archive [/opt/tomcat/webapps/TestApp.war] has finished in [231] ms
2019-10-21 12:41:57		21-Oct-2019 09:41:37.006 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployWAR Deploying web application archive [/opt/tomcat/webapps/TestApp.war]
2019-10-21 12:41:57		21-Oct-2019 09:41:37.004 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDescriptor Deployment of deployment descriptor [/opt/tomcat/conf/Catalina/localhost/manager.xml] has finished in [471] ms

* Name: Someone was undeploying your best project

Severity: Not classified | Information | Warning | Average | High | Disaster

* Expression: {Zabbix-Auto-Agent:log[/opt/tomcat/logs/catalina.2019-10-21.log,undeploy].str(undeploy)}=1   [Add]

Expression constructor

OK event generation: Expression | Recovery expression | None

PROBLEM event generation mode: Single | Multiple

OK event closes: All problems | All problems if tag values match

Allow manual close: [ ]

URL:

Description:

ZABBIX

Monitoring Inventory Reports Configuration Administration

Dashboard Problems Overview Web Latest data Graphs Screens Maps Discovery Services

Global view

All dashboards / Global view

System information

Parameter	Value	Details
Zabbix server is running	Yes	localhost:10051
Number of hosts (enabled/disabled/templates)	86	2 / 0 / 84
Number of items (enabled/disabled/not supported)	145	137 / 0 / 8
Number of triggers (enabled/disabled [problem/ok])	72	72 / 0 [1 / 71]
Number of users (online)	2	1
Required server performance, new values per second	2.38	

Problems by severity

Host group ▲	Disaster	High	Average	Warning	Information	Not classified
CloudHosts	1			1		

Problems

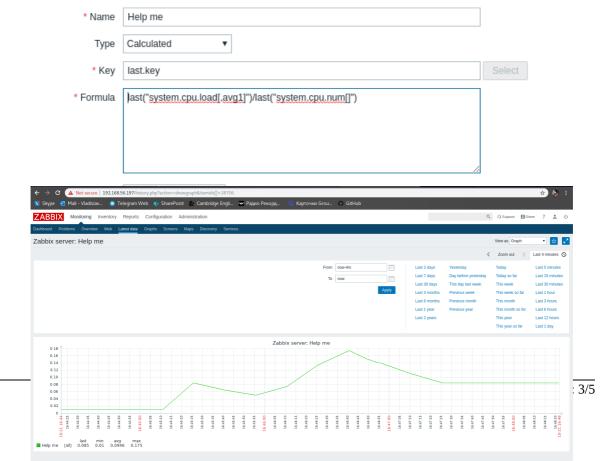| Time ▼	Info	Host	Problem • Severity	Duration	Ack	Actions	Tags
13:11:27		Zabbix-Auto-Agent	Someone was undeploying your best project	1m 43s	No		
13:00							

- Zabbix DB is available (3306)

- Tomcat availability (80, 8080)
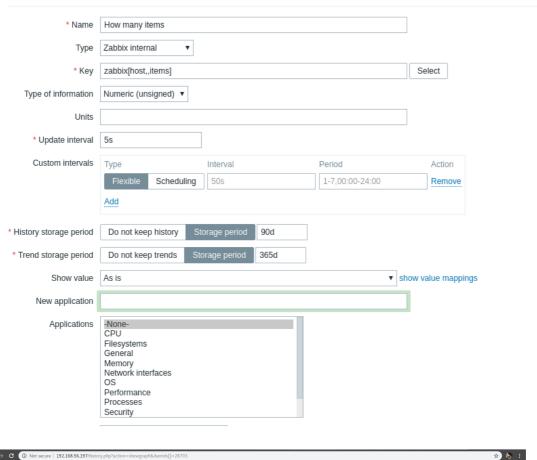- Tomcat Server is available by ssh (22)
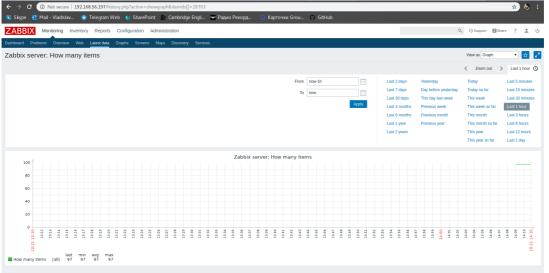
2. Calculated Checks:
  - CPU Load per Core (1, 5, 15min)

3. Internal Checks:
- How many items are enabled

- How many Servers are being monitored

* Name | How many monitored

Type | Zabbix internal ▼

* Key | zabbix[hosts]   Select

Type of information | Numeric (unsigned) ▼

Units |

* Update interval | 5s

Custom intervals

Type	Interval	Period	Action
Flexible Scheduling	50s	1-7,00:00-24:00	Remove

Add

* History storage period | Do not keep history   Storage period   90d

* Trend storage period | Do not keep trends   Storage period   365d

Show value | As is ▼   show value mappings

New application |

Applications | -None-
CPU

ZABBIX   Monitoring   Inventory   Reports   Configuration   Administration   Q Support Share ?

Dashboard   Problems   Overview   Web   Latest data   Graphs   Screens   Maps   Discovery   Services

Zabbix server: How many monitored   View as Graph ▼

Zoom out >   Last 1 m

	From	now-1m		Last 2 days	Yesterday	Today	Last 5 m
	To	now		Last 7 days	Day before yesterday	Today so far	Last 15 m
			Apply	Last 30 days	This day last week	This week	Last 30 m
				Last 3 months	Previous week	This week so far	Last 1 h
				Last 6 months	Previous month	This month	Last 3 h
				Last 1 year	Previous year	This month so far	Last 6 h
				Last 2 years		This year	Last 12 h
						This year so far	Last 1 d

Zabbix server: How many monitored

| How many monitored   [all] | last 2 | min 2 | avg 2 | max 2 |