

Tomcat log

ZABBIX

MonitoringInventoryReportsConfigurationAdministration

DashboardProblemsOverviewWebLatest dataGraphsScreensMapsDiscoveryServices

zagent: TOM

Fromnow-1h

To

now

Apply

Timestamp	Local time	Value
2019-10-21 13:08:03		INFO: Deployment of web application directory /var/lib/tomcat/webapps/sample has finished in 157 ms
2019-10-21 13:08:03		INFO: Deployment of web application directory /var/lib/tomcat/webapps/examples has finished in 328 ms
2019-10-21 13:08:03		INFO: Deployment of web application directory /var/lib/tomcat/webapps/ROOT has finished in 139 ms
2019-10-21 13:08:03		INFO: Deployment of web application directory /var/lib/tomcat/webapps/manager has finished in 137 ms
2019-10-21 13:08:03		INFO: Deployment of web application directory /var/lib/tomcat/webapps/host-manager has finished in 169 ms
2019-10-21 13:08:03		INFO: Deployment of web application archive /var/lib/tomcat/webapps/SampleWebApp.war has finished in 507 ms
2019-10-21 13:02:13		INFO: Deployment of web application directory /var/lib/tomcat/webapps/sample has finished in 152 ms
2019-10-21 13:02:13		INFO: Deployment of web application directory /var/lib/tomcat/webapps/examples has finished in 349 ms
2019-10-21 13:02:13		INFO: Deployment of web application directory /var/lib/tomcat/webapps/ROOT has finished in 138 ms
2019-10-21 13:02:13		INFO: Deployment of web application directory /var/lib/tomcat/webapps/manager has finished in 148 ms
2019-10-21 13:02:13		INFO: Deployment of web application directory /var/lib/tomcat/webapps/host-manager has finished in 149 ms
2019-10-21 13:02:13		INFO: Deployment of web application archive /var/lib/tomcat/webapps/SampleWebApp.war has finished in 450 ms
2019-10-21 13:02:13		INFO: Deployment of web application directory /var/lib/tomcat/webapps/sample has finished in 137 ms
2019-10-21 13:02:13		INFO: Deployment of web application directory /var/lib/tomcat/webapps/examples has finished in 319 ms
2019-10-21 13:02:13		INFO: Deployment of web application directory /var/lib/tomcat/webapps/ROOT has finished in 139 ms
2019-10-21 13:02:13		INFO: Deployment of web application directory /var/lib/tomcat/webapps/manager has finished in 155 ms

Tomcat trigger setting

Triggers

All hosts / zagentEnabledZBXSNMPJMXIPMIApplications 10Items 56Triggers 20Graphs 9Discovery rules 2Web scenarios

TriggerTagsDependencies

\* Name

TOMTRIG

Severity

Not classifiedInformationWarningAverageHighDisaster

\* Expression

{zagent:logrt[/var/log/tomcat/catalina.2019-10-21.log,Deployment].str(Deployment)}=1

Add

Tomcat trigger work

Time	Severity	Recovery time	Status	Info	Host	Problem	Duration	Ack	Actions	Tags
13:36:34	Disaster		PROBLEM		zagent	TOMTRIG	23s	No		

Displaying 1 of 1 found

Zabbix DB ITEM

Items

[All hosts](#) / [Zabbix server](#) Enabled ZBX SNMP JMX IPMI Applications 11 Items 96 Triggers 55 Graphs 15 Discovery rules 2 Web scenarios

Item

Preprocessing

\* Name

DBACCESS

Type

Simple check

\* Key

net.tcp.service[http,,3306]

Select

\* Host interface

127.0.0.1 : 10050

User name

Password

Type of information

Text

\* Update interval

30s

Zabbix DB trigger

Triggers

[All hosts](#) / [Zabbix server](#) Enabled ZBX SNMP JMX IPMI Applications 11 Items 94 Triggers 53 Graphs 15 Discovery rules 2 Web scenarios

Trigger

Tags

Dependencies

\* Name

DBFAIL

Severity

Not classified

Information

Warning

Average

High

Disaster

\* Expression

{Zabbix server:net.tcp.service[http,,3306].last()=0}

Add

[Expression constructor](#)

Zabbix DB trigger work

Host	Trigger	Severity	Number of status changes
Zabbix server	DBFAIL	Disaster	1

Internal check (items)

Items

All hosts / Zabbix server

Enabled

ZBX

SNMP

JMX

IPMI

Applications 11

Items 95

Triggers 54

Graphs 15

Discovery rules 2

Web scenarios

Item

Preprocessing

\* Name

ZITEMS

Type

Zabbix internal

\* Key

zabbix[host,,items]

Select

Type of information

Numeric (unsigned)

Units

\* Update interval

10s

Custom intervals

Type

Flexible

Scheduling

Interval

50s

Period

1-7,00:00-24:00

Action

Remove

Add

Item Trigger

Triggers

All hosts / Zabbix server

Enabled

ZBX

SNMP

JMX

IPMI

Applications 11

Items 95

Triggers 54

Graphs 15

Discovery rules 2

Web scenarios

Trigger

Tags

Dependencies

\* Name

ZITEM\_CHANGE!

Severity

Not classified

Information

Warning

Average

High

Disaster

\* Expression

{Zabbix server:zabbix[host,,items].last()}<95

Add

Expression constructor

Item trigger work

Problems								...
Time ▼	Info	Host	Problem • Severity	Duration	Ack	Actions	Tags	
16:06:51		Zabbix server	ZITEM_CHANGE!	2s	No			
16:00								
13:36:34		zagent	TOMTRIG	2h 30m 19s	No			

Internal check (host)

Items

All hosts / Zabbix server

Enabled

ZBX

SNMP

JMX

IPMI

Applications 11

Items 96

Triggers 55

Graphs 15

Discovery rules 2

Web scenarios

Item

Preprocessing

\* Name

ZHOSTS

Type

Zabbix internal

\* Key

zabbix[hosts]

Select

Type of information

Numeric (unsigned)

Units

\* Update interval

20s

Custom intervals

Type

Flexible

Scheduling

Interval

50s

Period

1-7,00:00-24:00

Action

Remove

Add

Host trigger

Triggers

All hosts / Zabbix server

Enabled

ZBX

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Web scenarios

Trigger

Tags

Dependencies

\* Name

HOST\_CHANGE!

Severity

Not classified

Information

Warning

Average

High

Disaster

\* Expression

{Zabbix server:zabbix[hosts].last()}<2

Add

Expression constructor

Host trigger work

Time	Severity	Recovery time	Status	Info	Host	Problem	Duration	Ack
16:17:02	Disaster		PROBLEM		Zabbix server	HOST_CHANGE!	0	No

Calculating. At first we create three items for cpu load (1,5,15)

## Items

All hosts / [zagent](#) [Enabled](#) [ZBX](#) [SNMP](#) [JMX](#) [IPMI](#) [Applications](#) 10 [Items](#) 56 [Triggers](#) 20 [Graphs](#) 9 [Discovery rules](#) 2 [Web scenarios](#)

Item [Preprocessing](#)

\* Name

Type

\* Key

\* Host interface

Type of information

## Items

All hosts / [zagent](#) [Enabled](#) [ZBX](#) [SNMP](#) [JMX](#) [IPMI](#) [Applications](#) 10 [Items](#) 56 [Triggers](#) 20 [Graphs](#) 9 [Discovery rules](#) 2 [Web scenarios](#)

Item [Preprocessing](#)

\* Name

Type

\* Key

\* Host interface

Type of information

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Item [Preprocessing](#)

\* Name

Type

\* Key

\* Host interface

Type of information

After that create CPU CORES ITEM

Items

All hosts / [zagent](#) [Enabled](#) [ZBX](#) [SNMP](#) [JMX](#) [IPMI](#) [Applications](#) 10 [Items](#) 56 [Triggers](#) 20 [Graphs](#) 9 [Discovery rules](#) 2 [Web scenarios](#)

Item [Preprocessing](#)

\* Name

Type

\* Key

\* Host interface

Type of information

And then create another three items Calculating (1,5,15)

### Items

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Item [Preprocessing](#)

\* Name

Type

\* Key

\* Formula

Type of information

### Items

[All hosts](#) / [zagent](#) Enabled ZBX SNMP JMX IPMI [Applications](#) 10 [Items](#) 56 [Triggers](#) 20 [Graphs](#) 9 [Discovery rules](#) 2 [Web scenarios](#)

Item [Preprocessing](#)

\* Name

Type

\* Key

\* Formula

Type of information

### Items

[All hosts](#) / [zagent](#) Enabled ZBX SNMP JMX IPMI [Applications](#) 10 [Items](#) 56 [Triggers](#) 20 [Graphs](#) 9 [Discovery rules](#) 2 [Web scenarios](#)

Item [Preprocessing](#)

\* Name

Type

\* Key

\* Formula

Type of information

Cool graphics delivered  
(where “CLA” means CoreLoadAverage)

