

Tomcat log

ZABBIX Monitoring Inventory Reports Configuration Administration

Dashboard Problems Overview Web Latest data Graphs Screens Maps Discovery Services

zagent: TOM

From now-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 / zagent Enabled ZBX SNMP JMX IPMI Applications 10 Items 56 Triggers 20 Graphs 9 Discovery rules 2 Web scenarios

Trigger Tags Dependencies

* Name

Severity Not classified Information Warning Average High Disaster

* Expression Add

Tomcat trigger work

Time	Severity	Recovery time	Status	Info	Host	Problem	Duration	Ack	Actions	Tags
13:36:34	<input checked="" type="checkbox"/> 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

Type

* Key Select

* Host interface

User name

Password

Type of information

* Update interval

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

Severity

* Expression 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]								
Type of information	Numeric (unsigned)								
Units									
* Update interval	10s								
Custom intervals	<table border="1"> <tr> <th>Type</th> <th>Interval</th> <th>Period</th> <th>Action</th> </tr> <tr> <td>Flexible</td> <td>Scheduling</td> <td>50s</td> <td>1-7,00:00-24:00</td> </tr> </table> Add Remove	Type	Interval	Period	Action	Flexible	Scheduling	50s	1-7,00:00-24:00
Type	Interval	Period	Action						
Flexible	Scheduling	50s	1-7,00:00-24:00						

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

Type

* Key Select

Type of information

Units

* Update interval

Custom intervals

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

Host trigger

Triggers

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

Trigger Tags Dependencies

* Name

Severity

* Expression [Add](#)

[Expression constructor](#)

Host trigger work

Time	Severity	Recovery time	Status	Info	Host	Problem	Duration	Ack
16:17:02	<input checked="" type="checkbox"/> 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

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

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

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

Item Preprocessing

* Name CLA1

Type Calculated ▾

* Key CLA1 Select

* Formula last("system.cpu.load[,avg1]")/last("system.cpu.num")

Type of information Numeric (unsigned) ▾

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 CLA5

Type Calculated ▾

* Key CLA5 Select

* Formula last("system.cpu.load[,avg5]")/last("system.cpu.num")

Type of information Numeric (float) ▾

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 CLA15

Type Calculated ▾

* Key CLA15 Select

* Formula last("system.cpu.load[,avg15]")/last("system.cpu.num")

Type of information Numeric (float) ▾

Cool graphics delivered
(where “CLA” means CoreLoadAverage)

