

# 1) Item and triggers for Zabbix server

Subfilter affects only filtered data

APPLICATIONS  
Count hosts 1 DataBase 1 Web access 1

TYPES  
Simple check 2 Zabbix internal 2

WITH TRIGGERS  
Without triggers 1 With triggers 3

<input type="checkbox"/> Wizard	Name ▾	Triggers	Key	Interval	History	Trends	Type	Applications	Status
<input type="checkbox"/>	Zabbix web server availability	Triggers 1	net.tcp.service[http,.80]	30s	90d	365d	Simple check	Web access	Enabled
<input type="checkbox"/>	Items enabled for server		zabbix{items}	30s	90d	365d	Zabbix internal		Enabled
<input type="checkbox"/>	How many monitoring hosts	Triggers 2	zabbix{hosts}	30s	90d	365d	Zabbix internal	Count hosts	Enabled
<input type="checkbox"/>	DB availability	Triggers 1	net.tcp.service[tcp,.3306]	30s	90d	365d	Simple check	DataBase	Enabled

Apply

Reset

<input type="checkbox"/> Severity	Name ▲	Expression	Status
<input type="checkbox"/> Disaster	Check DB	{Custom for Zabbix server:net.tcp.service[tcp,.3306].last{}}=0	Enabled
<input type="checkbox"/> Information	Check Items	{Custom for Zabbix server:zabbix{items}.last{}}<85	Enabled
<input type="checkbox"/> Average	Check monitoring hosts	{Custom for Zabbix server:zabbix{hosts}.last{}}<2	Enabled
<input type="checkbox"/> Warning	Check Zabbix Web	{Custom for Zabbix server:net.tcp.service[http,.80].last{}}=0	Enabled

Hosts

Zabbix server1 ✕

type here to search

Select

Show items without data ☐

Show details ☐

Application

Select

Apply

Reset

<input type="checkbox"/> Name	Last check ▾	Last value
▼ Count hosts (1 item)		
<input type="checkbox"/> How many monitoring hosts	2019-07-01 17:16:42	2
▼ DataBase (1 item)		
<input type="checkbox"/> DB availability	2019-07-01 17:16:59	1
▼ Web access (1 item)		
<input type="checkbox"/> Zabbix web server availability	2019-07-01 17:16:58	1
▸ Zabbix server (28 items)		
▼ - other - (1 item)		
<input type="checkbox"/> Items enabled for server	2019-07-01 17:16:44	81

## 2) Item and triggers for ntzserv1

Subfilter affects only filtered data

APPLICATIONS  
CPU avg1 1 SSH 1 Tomcat server 2

TYPES  
Calculated 3 Simple check 3

<input type="checkbox"/>	Wizard	Name ▾	Triggers	Key	Interval	History	Trends	Type	Applications	Status
<input type="checkbox"/>		Tomcat server 80 availability	Triggers 1	net.tcp.service[http,,80]	30s	90d	365d	Simple check	Tomcat server	Enabled
<input type="checkbox"/>		Tomcat 8080 availability	Triggers 1	net.tcp.service[tcp,,8080]	30s	90d	365d	Simple check	Tomcat server	Enabled
<input type="checkbox"/>		SSH Tomcat	Triggers 1	net.tcp.service[ssh,,22]	30s	90d	365d	Simple check	SSH	Enabled
<input type="checkbox"/>		CPU Load	Triggers 1	system.cpu.load[percpu,avg1]	30s	90d	365d	Calculated	CPU avg1	Enabled

Apply

Reset

<input type="checkbox"/>	Severity	Name ▲	Expression	Status
<input type="checkbox"/>	Average	Check CPU more then 75%	[Custom for Second VM:system.cpu.load[percpu,avg1].last()>75	Enabled
<input type="checkbox"/>	Warning	Check SSH	[Custom for Second VM:net.tcp.service[ssh,,22].last()]=0	Enabled
<input type="checkbox"/>	High	Check Tomcat 80	[Custom for Second VM:net.tcp.service[http,,80].last()]=0	Enabled
<input type="checkbox"/>	High	Check Tomcat 8080	[Custom for Second VM:net.tcp.service[tcp,,8080].last()]=0	Enabled

Hosts

ntzserv1 ✕

Select

Show items without data ☐

type here to search

Show details ☐

Application

Select

Apply

Reset

<input type="checkbox"/>	Name	Last check ▾	Last value
▾	SSH (1 Item)		
<input type="checkbox"/>	SSH Tomcat	2019-07-01 17:21:04	1
▾	Tomcat server (2 Items)		
<input type="checkbox"/>	Tomcat 8080 availability	2019-07-01 17:20:57	0
<input type="checkbox"/>	Tomcat server 80 availability	2019-07-01 17:20:53	1
▶	- other - (6 Items)		

ntzserv1

Items

cpu123

CPU Load

Download speed for scenario "TestAppTomcat".

0 Bps

Download speed for step "hello-world" of scenario "TestAppTomcat".

100.6 KBps

Failed step of scenario "TestAppTomcat".

1

Java

Last error message of scenario "TestAppTomcat".

Couldn't connect to ...

Response code for step "hello-world" of scenario "TestAppTomcat".

200

Response time for step "hello-world" of scenario "TestAppTomcat".

1.9ms

SSH Tomcat

1

Tomcat 8080 availability

0

Tomcat server 80 availability

1

Trap123

<input type="checkbox"/>	Severity	Status	Info	Time ▾	Age	Ack	Host	Name	Description
<input type="checkbox"/>	High			2019-07-01 17:23:27	14s	No 7	ntzserv1	Check Tomcat 8080	Add
	Average	OK	1	Never		No events	ntzserv1	Check CPU more then 75%	Add
	Warning	OK		Never		No events	ntzserv1	Check SSH	Add
	High	OK		Never		No events	ntzserv1	Check Tomcat 80	Add

### 3) Logs from server

Host groups

type here to search

Select

Hosts

ntzserv1

type here to search

Select

Application

Logs

Select

Name

Show items without data☐

Show details☒

Apply

Reset

<input type="checkbox"/> Name	Interval	History	Trends	Type	Last check	Last value	Change	Info
Logs (1 item)								
<input type="checkbox"/> Logs from server log[/var/log/zabbix/zabbix_agentd.log.error]	30	90		Zabbix agent (active)	2019-07-01 18:18:44	20800:20190701:143234.017 using ...		History

#### ntzserv1: Logs from server

Filter

Items list  
ntzserv1: Logs from server

Add

Value

Selected Show selected

Apply Reset

Zoom: 5m All

2019-07-01 18:18 - 2019-07-01 18:23 (now)

5m fixed

Timestamp	Local time	Value
2019-07-01 18:18:44		20800:20190701:143234.017 using configuration file: /etc/zabbix/zabbix_agentd.conf
2019-07-01 18:18:44		20800:20190701:143234.017 .....
2019-07-01 18:18:44		20800:20190701:143234.017 TLS support: YES
2019-07-01 18:18:44		20800:20190701:143234.017 IPv6 support: YES
2019-07-01 18:18:44		20800:20190701:143234.017 **** Enabled features ****
2019-07-01 18:18:44		20800:20190701:143234.017 Starting Zabbix Agent [server]. Zabbix 3.2.11 (revision 76339).
2019-07-01 18:18:44		20787:20190701:143223.768 listener failed: bind() for [[172.33.33.33]:10050] failed: [99] Cannot assign requested address
2019-07-01 18:18:44		20787:20190701:143223.767 using configuration file: /etc/zabbix/zabbix_agentd.conf

#### Triggers

All hosts / ntzserv1 Enabled ZBX SNMP JMX IPMI Applications 7 Items 9 Triggers 5 Graphs Discovery rules Web scenarios 1

Trigger Dependencies

NameTrigger for log error

SeverityNot classified Information Warning Average High Disaster

Expression{ntzserv1:log[/var/log/zabbix/zabbix\_agentd.log.error].str(ERROR)}=1Add

Expression constructor

OK event generationExpression Recovery expression None

PROBLEM event generation modeSingle Multiple

OK event closesAll problems All problems if tag values match

Tags

tagvalueRemove

Add

Allow manual close

URL

Description

Enabled

Update Clone Delete Cancel