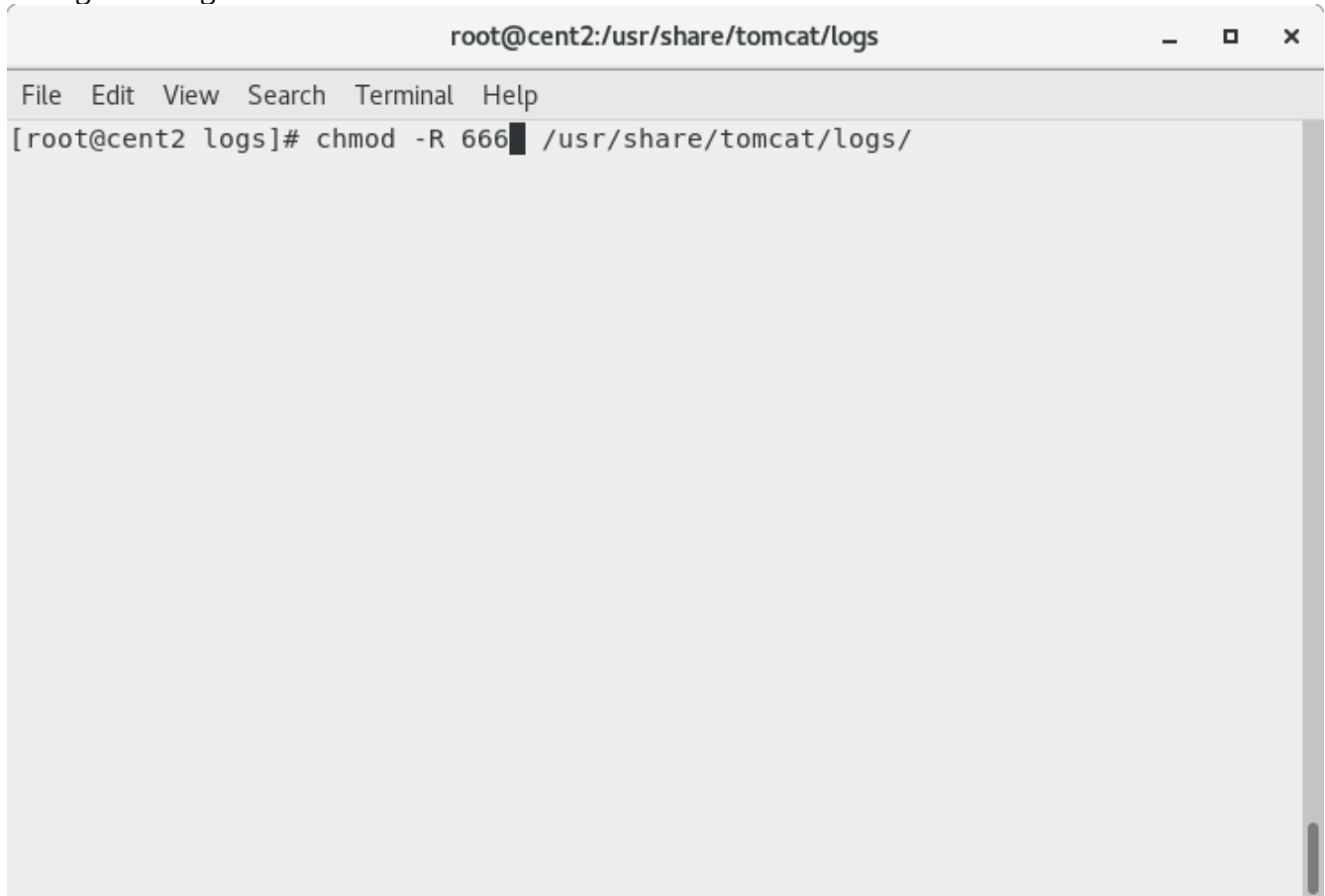


Tasks:

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

Set rights on logs

A terminal window titled 'root@cent2:/usr/share/tomcat/logs' with standard window controls. The menu bar includes 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'. The command prompt shows '[root@cent2 logs]# chmod -R 666 /usr/share/tomcat/logs/' with a cursor at the end of the path.

```
root@cent2:/usr/share/tomcat/logs
File Edit View Search Terminal Help
[root@cent2 logs]# chmod -R 666 /usr/share/tomcat/logs/
```

Create item

(1) Skype x Mail - Allai x EPAM Clou x 3.1_Zabbi x Zabbix_lter x Zabbix_ser x Zabbix_ser x zabbix mor x Мониторинг x zabbix Acc x zabbix log x + -

Not secure | 192.168.56.77/zabbix/items.php?form=update&hostid=10263&itemid=28698

ZABBIX Monitoring Inventory Reports Configuration Administration

Host groups Templates Hosts Maintenance Actions Event correlation Discovery Services Zabbix_server

Items

All hosts / centos2 Enabled ZBX SNMP JMX IPMI Applications 10 Items 49 Triggers 19 Graphs 9 Discovery rules 2 Web scenarios

Item Preprocessing

* Name tomcat_item

Type Zabbix agent (active)

* Key log[/usr/share/tomcat/logs/catalina.2019-10-21.log,"Deploying"] Select

Type of information Log

* Update interval 10s

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

Log time format

New application

Applications

- None
- CPU
- Filesystems
- General
- Memory
- Network interfaces
- OS
- Performance
- Processes
- Security

Description

Enabled ☒

Update Clone Check now Clear history and trends Delete Cancel

Zabbix 4.2.7. © 2001–2019, Zabbix SIA

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

Triggers

All hosts / centos2 Enabled ZBX SNMP JMX IPMI

Applications 10 Items 49 Triggers 20 Graphs 9 Discovery rules 2 Web scenarios

Trigger Tags Dependencies

Name	tomcat_trigger
------	----------------

Severity	Not classified	Information	Warning	Average	High	Disaster
----------	----------------	-------------	---------	---------	------	----------

* Expression	{centos2:logrt[/usr/share/tomcat/logs/catalina.2019-10-21.log,"Deploying"].str(hello,60)}<>0
--------------	--

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

Enabled ☒

Update

[Clone](#)

Delete

Cancel

(1) Skype x

Mail - All x

EPAM Cl x

3.1_Zabi x

Zabbix.J x

Zabbix.s x

Zabbix.s x

zabbix m x

Монито x

zabbix Ac x

zabbix co x

1 Подде x

+

-

🔍

×

← → ⓘ Not secure | 192.168.56.77/zabbix/zabbix.php?action=dashboard.view&ddreset=1

ZABBIX

Monitoring

Inventory

Reports

Configuration

Administration

Dashboard

Problems

Overview

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Zabbix server

Global view

Edit dashboard

☰

🔊

All dashboards / Global view

System information

Parameter	Value	Details
Zabbix server is running	Yes	localhost:10051
Number of hosts (enabled/disabled/templates)	85	2 / 0 / 83
Number of items (enabled/disabled/not supported)	142	136 / 0 / 6
Number of triggers (enabled/disabled [problem/vok])	72	72 / 0 [1 / 71]
Number of users (online)	2	1
Required server performance, new values per second	2.01	

Problems by severity

Host group ▲

Disaster

High

Average

Warning

Information

Not classified

Linux servers

1

Local

Favourite maps

No maps added.

Favourite graphs

No graphs added.

Problems

Time ▼

Info

Host

Problem • Severity

Duration

Ack

Actions

Tags

13:49:16

centos2

tomcat_trigger

1m 19s

No