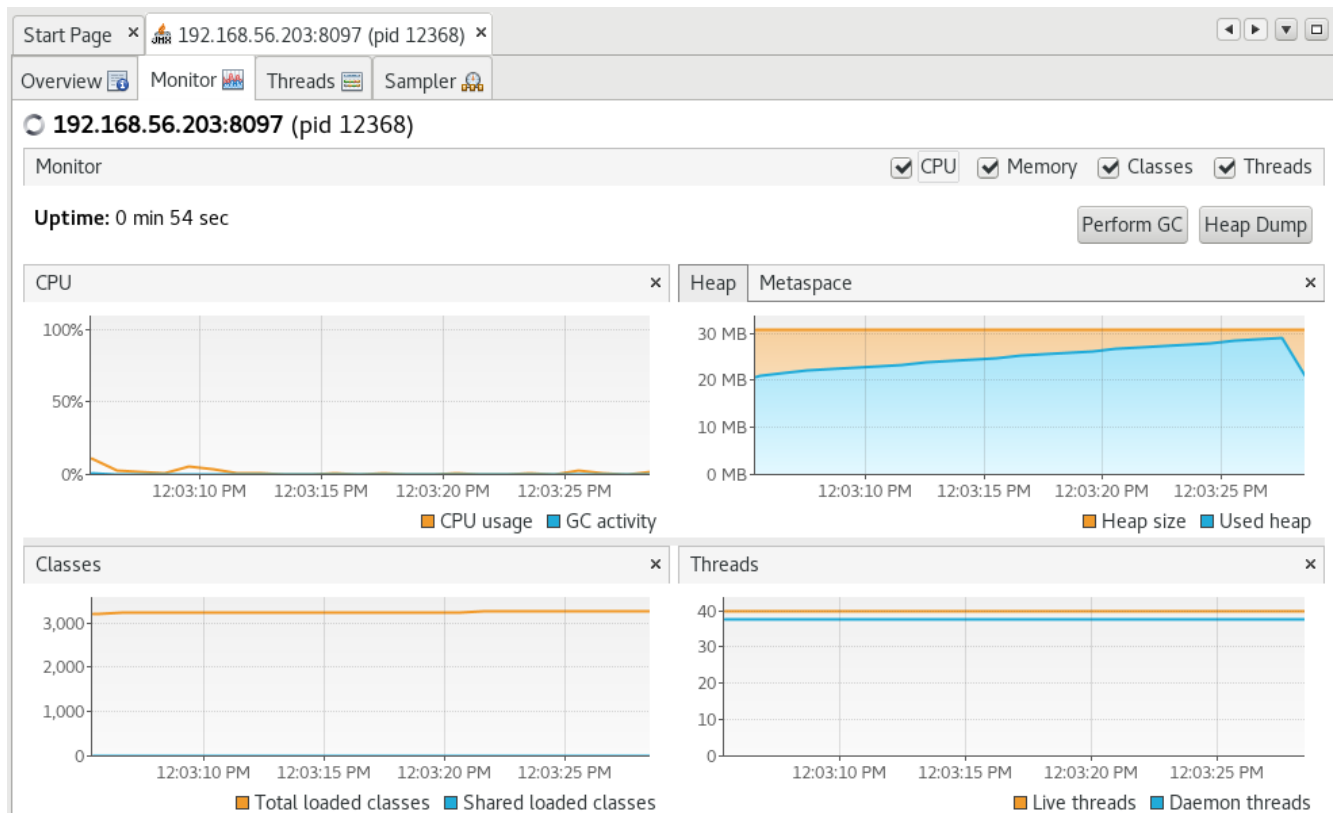


```
export JAVA_OPTS="$JAVA_OPTS \
-Dcom.sun.management.jmxremote \
-Djava.rmi.server.hostname=192.168.56.203 \
-Dcom.sun.management.jmxremote.local.only=false \
-Dcom.sun.management.jmxremote.port=12345 \
-Dcom.sun.management.jmxremote.rmi.port=12346 \
-Dcom.sun.management.jmxremote.authenticate=false \
-Dcom.sun.management.jmxremote.ssl=false"
```

```
[root@pdv-zabclnt ~]# wget https://archive.apache.org/dist/tomcat/tomcat-
7/v7.0.76/bin/extras/catalina-jmx-remote.jar
[root@pdv-zabclnt ~]# mv catalina-jmx-remote.jar /usr/share/tomcat/lib/
```

```
[root@pdv-zabclnt ~]# vim /etc/tomcat/server.xml
<Listener className="org.apache.catalina.mbeans.JmxRemoteLifecycleListener"
rmiRegistryPortPlatform="8097" rmiServerPortPlatform="8098" />
```

```
[root@pdv-zabclnt lib]# vim /usr/lib/systemd/system/tomcat.service
Environment=' JAVA_OPTS=-Dcom.sun.management.jmxremote=true
-Dcom.sun.management.jmxremote.port=12345 -Dcom.sun.management.jmxremote.rmi.port=12346
-Dcom.sun.management.jmxremote.ssl=false -Dcom.sun.management.jmxremote.authenticate=false
-Djava.rmi.server.hostname=192.168.56.203'
```



```
[root@pdv-zabserv ~]# yum install zabbix-java-gateway -y
```

```
[root@pdv-zabserv ~]# vim /etc/zabbix/zabbix_server.conf
```

```
JavaGateway=192.168.56.201
```

```
JavaGatewayPort=10052
```

```
StartJavaPollers=5
```

```
systemctl restart zabbix-server
```

```
[root@pdv-zabserv ~]# systemctl enable zabbix-java-gateway
```

```
[root@pdv-zabserv ~]# systemctl start zabbix-java-gateway
```

Host

Templates

IPMI

Macros

Host inventory

Encryption

\* Host name

pdv-zabclnt

Visible name

\* Groups

Linux servers X

Select

type here to search

\* At least one interface must exist.

Agent interfaces

IP address	DNS name	Connect to	Port	Default
192.168.56.203		IP DNS	10050	<input checked="" type="radio"/> Remove
<a href="#">Add</a>				

SNMP interfaces

[Add](#)

JMX interfaces

192.168.56.203	tomcat	IP DNS	12345	<input checked="" type="radio"/> Remove
192.168.56.203	tomcat	IP DNS	8097	<input type="radio"/> Remove

Item **Preprocessing**

\* Name

Type

JMX agent ▼

\* Key

Select

\* Host interface

192.168.56.203 : 8097 ▼

\* JMX endpoint

User name

Password

Type of information

Numeric (unsigned) ▼

Units

\* Update interval

30s

Custom intervals

Type	Interval	Period	Action
Flexible	Scheduling	50s	1-7,00:00-24:00
			<a href="#">Remove</a>
<a href="#">Add</a>			

\* History storage period

90d

\* Trend storage period

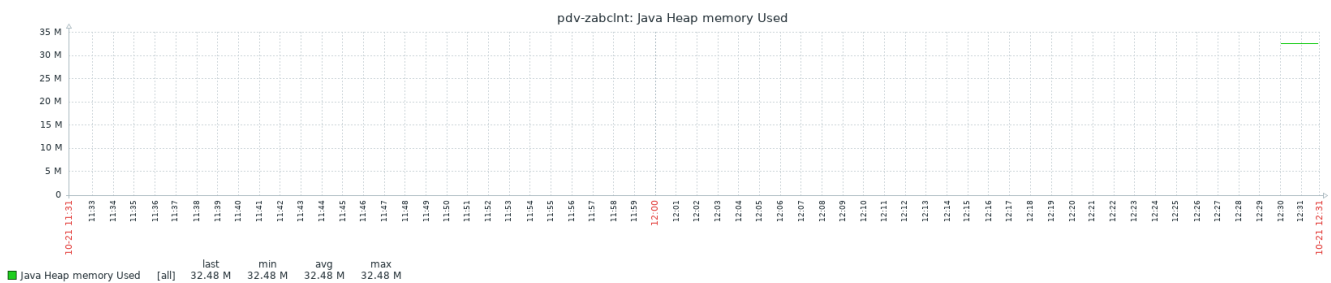
365d

Show value

As is ▼

[show value mappings](#)

New application



## Triggers

All hosts / pdv-zabcint Enabled ZBX SNMP JMX IPMI Applications 11 Items 49 Triggers 21 Graphs 9 Discovery rules 2 Web scenarios 1

Trigger Dependencies

\* Name High Heap Memory Use

Severity Not classified Information Warning Average High Disaster

\* Expression {pdv-zabcint:jmx["java.lang:type=Memory",HeapMemoryUsage.committed].last(30)}>100

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

Tags tag value Remove

Add

Allow manual close ☐

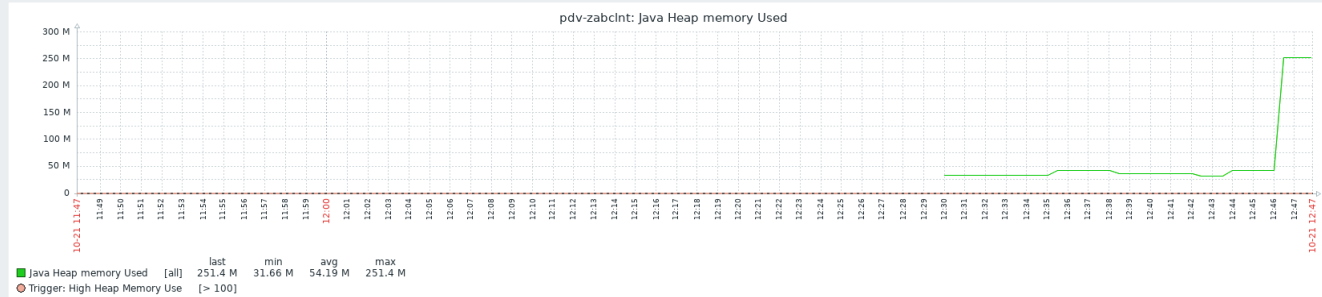
URL

Description

Enabled ☒

Add

Cancel



View that trigger is working:

☐ High PROBLEM High Heap Memory Use {pdv-zabcint:jmx["java.lang:type=Memory",HeapMemoryUsage.committed].last(30)}>100 Enabled