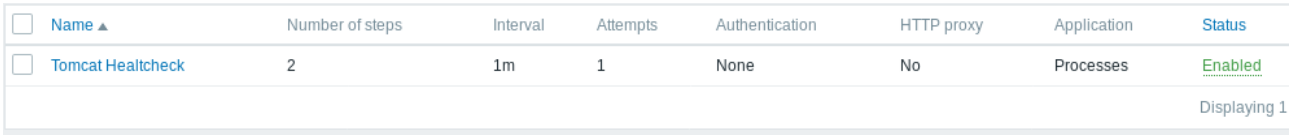
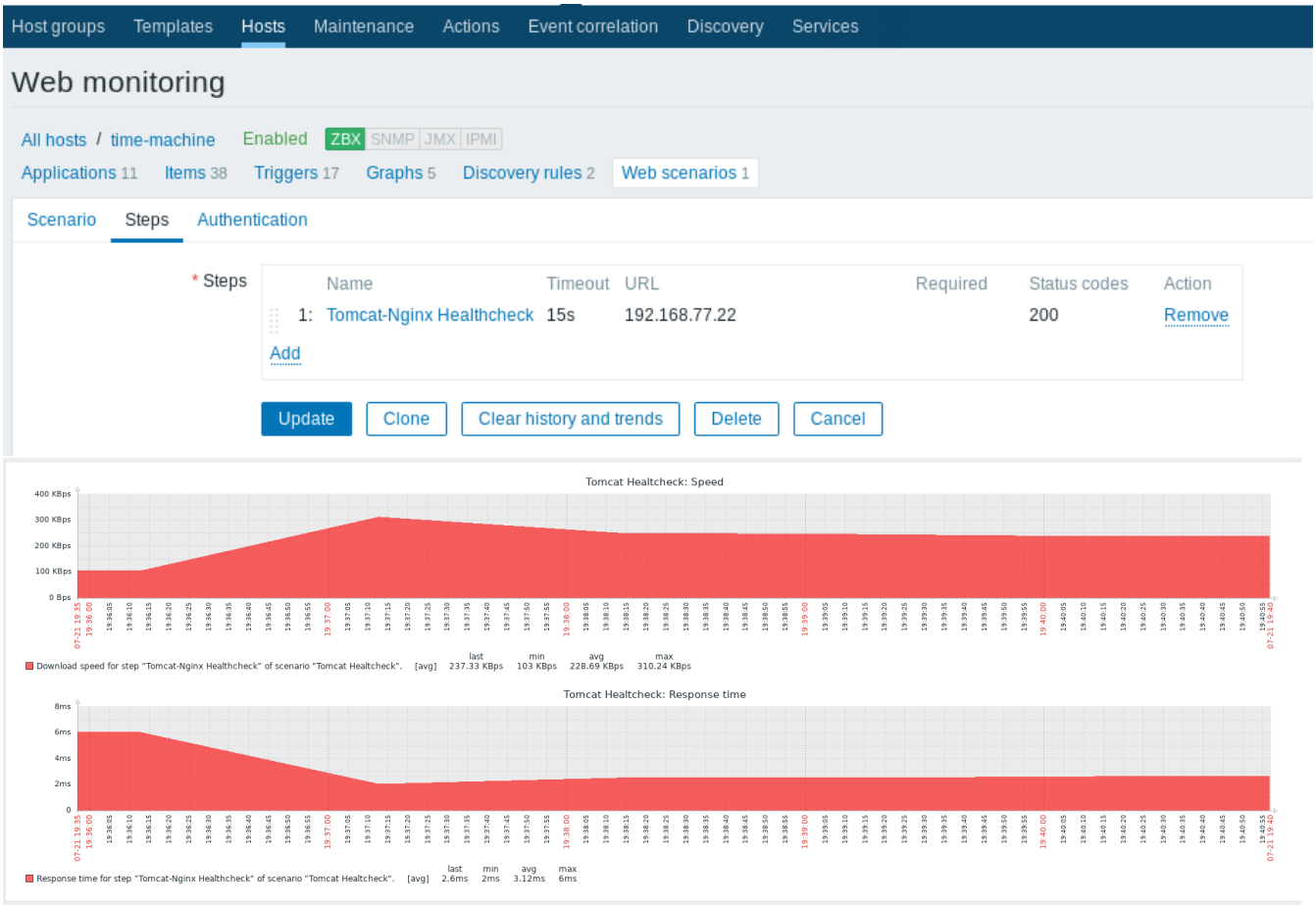
WEB task

Make healthchecks for tomcat applications using scenarious

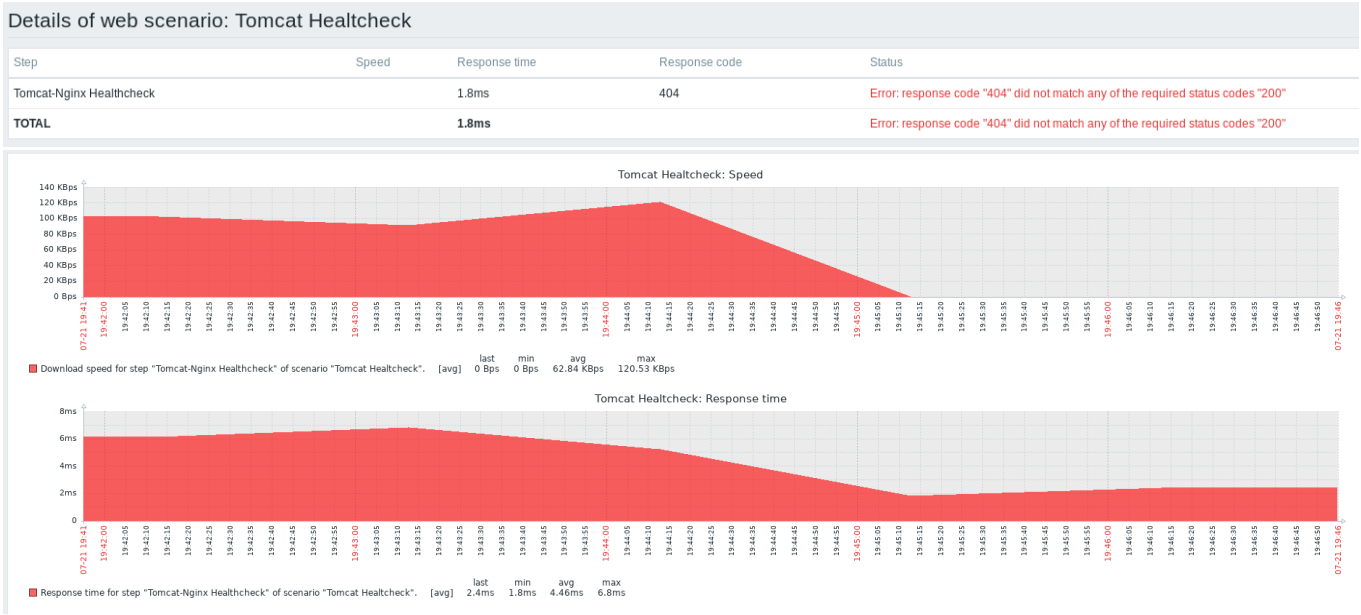


Name ▲	Number of steps	Interval	Attempts	Authentication	HTTP proxy	Application	Status
Tomcat Healtcheck	2	1m	1	None	No	Processes	Enabled

Displaying 1



After Undeploy:



JAVA Task

Configure Zabbix to examine Java parameters via Java gateway

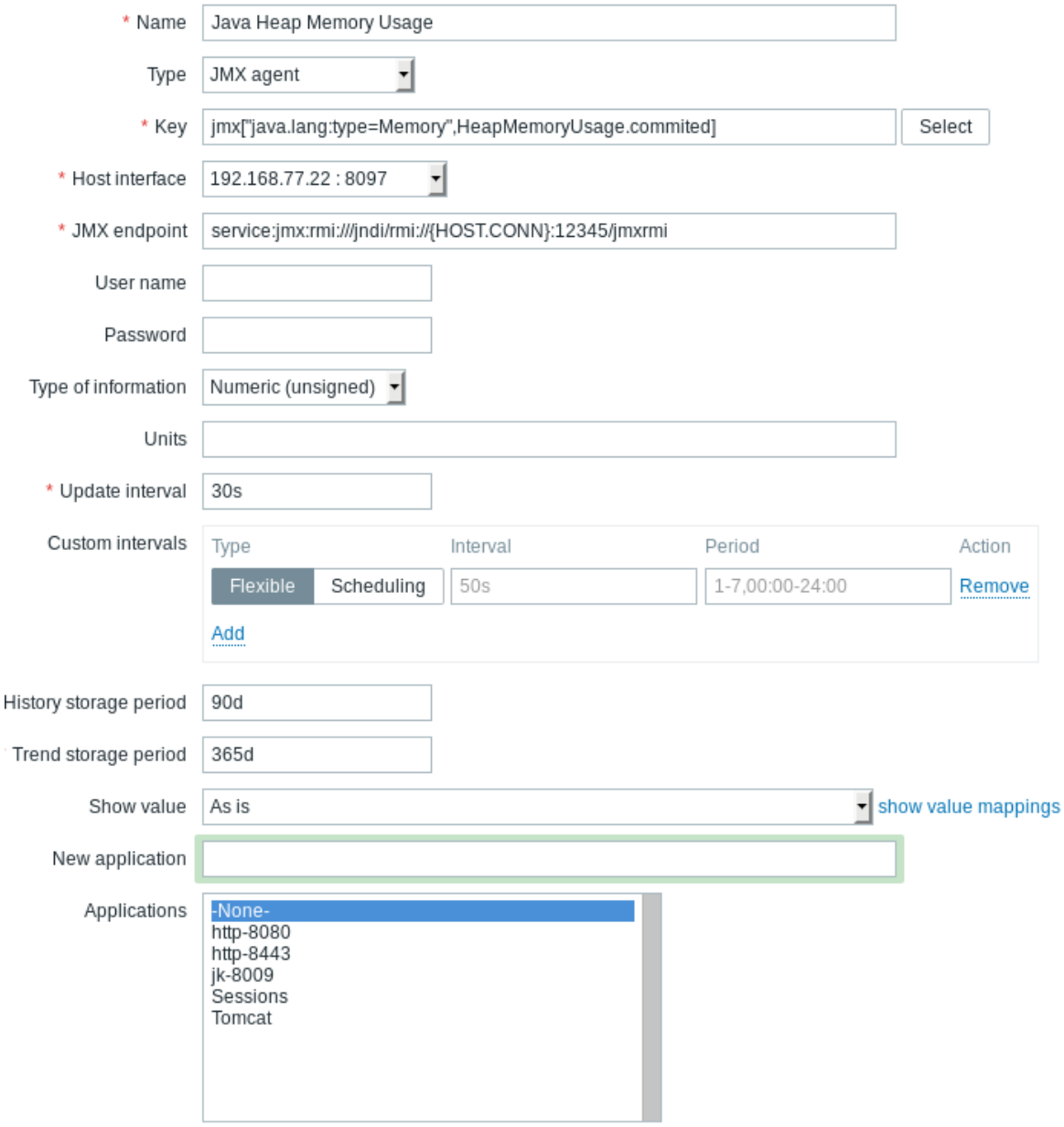
```
[vagrant@zagent lib]$ ll
total 4228
-rw-r--r-- 1 root root   17716 Mar 12 10:12 annotations-api.jar
-rw-r--r-- 1 root root   55806 Mar 12 10:12 catalina-ant.jar
-rw-r--r-- 1 root root  133221 Mar 12 10:12 catalina-ha.jar
-rw-r--r-- 1 root root 1670644 Mar 12 10:12 catalina.jar
-rw-r--r-- 1 root root    9394 Mar  7  2013 catalina-jmx-remote.jar
-rw-r--r-- 1 root root  269223 Mar 12 10:12 catalina-tribes.jar
lrwxrwxrwx 1 root root      46 Jul 21 06:36 commons-collections.jar -> /usr/share/java/apache-commons-collections.jar
lrwxrwxrwx 1 root root      39 Jul 21 06:36 commons-dbcp.jar -> /usr/share/java/apache-commons-dbcp.jar
lrwxrwxrwx 1 root root      39 Jul 21 06:36 commons-pool.jar -> /usr/share/java/apache-commons-pool.jar
drwxr-xr-x 2 root root      61 Jul 21 06:36 extras
-rw-r--r-- 1 root root  126764 Mar 12 10:12 jasper-el.jar
-rw-r--r-- 1 root root  601437 Mar 12 10:12 jasper.jar
lrwxrwxrwx 1 root root      23 Jul 21 06:36 jasper-jdt.jar -> /usr/share/java/ecj.jar
lrwxrwxrwx 1 root root      25 Jul 21 06:36 log4j.jar -> /usr/share/java/log4j.jar
-rw-r--r-- 1 root root  217690 Mar 12 10:12 tomcat7-websocket.jar
-rw-r--r-- 1 root root    7639 Mar 12 10:12 tomcat-api.jar
-rw-r--r-- 1 root root  808485 Mar 12 10:12 tomcat-coyote.jar
lrwxrwxrwx 1 root root      24 Jul 21 06:35 tomcat-el-2.2-api.jar -> ../tomcat-el-2.2-api.jar
-rw-r--r-- 1 root root   77592 Mar 12 10:12 tomcat-i18n-es.jar
-rw-r--r-- 1 root root   48350 Mar 12 10:12 tomcat-i18n-fr.jar
-rw-r--r-- 1 root root   51009 Mar 12 10:12 tomcat-i18n-ja.jar
-rw-r--r-- 1 root root  132059 Mar 12 10:12 tomcat-jdbc.jar
lrwxrwxrwx 1 root root      25 Jul 21 06:36 tomcat-jsp-2.2-api.jar -> ../tomcat-jsp-2.2-api.jar
lrwxrwxrwx 1 root root      37 Jul 21 06:36 tomcat-juli.jar -> /usr/share/tomcat/bin/tomcat-juli.jar
lrwxrwxrwx 1 root root      29 Jul 21 06:36 tomcat-servlet-3.0-api.jar -> ../tomcat-servlet-3.0-api.jar
-rw-r--r-- 1 root root   37047 Mar 12 10:12 tomcat-util.jar
-rw-r--r-- 1 root root   36583 Mar 12 10:12 websocket-api.jar
[vagrant@zagent lib]$
```

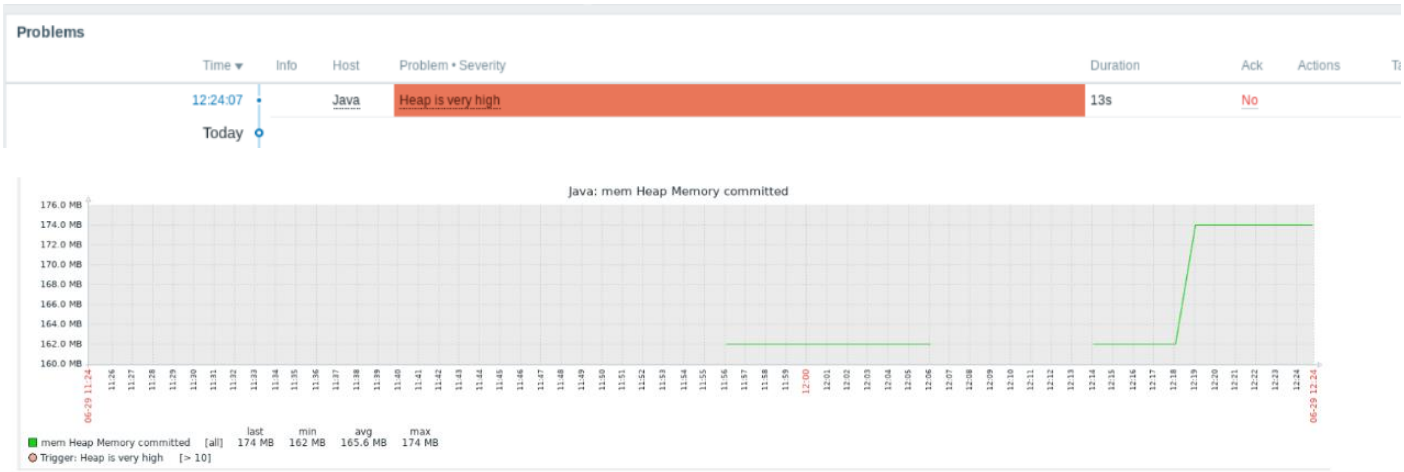
```
 <Listener
      className="org.apache.catalina.mbeans.JmxRemoteLifecycleListener"
      rmiRegistryPortPlatform="8097"
      rmiServerPortPlatform="8098" />
<!-- Global JNDI resources
```

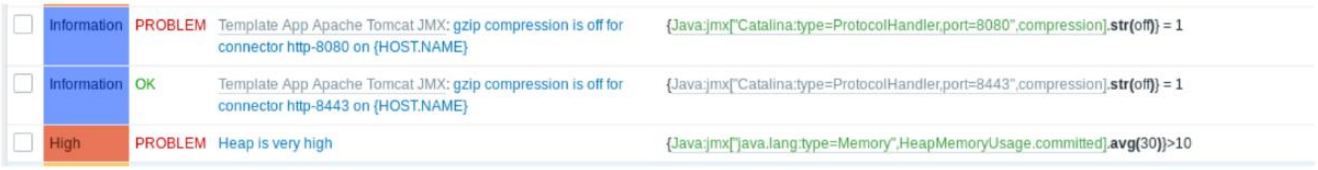
```
### Option: JavaGateway
#       IP address (or hostname) of Zabbix Java gateway.
#       Only required if Java pollers are started.
#
# Mandatory: no
# Default:
# JavaGateway=
JavaGateway=192.168.77.21

### Option: JavaGatewayPort
#       Port that Zabbix Java gateway listens on.
#
# Mandatory: no
# Range: 1024-32767
# Default:
# JavaGatewayPort=10052
JavaGatewayPort=10052

### Option: StartJavaPollers
#       Number of pre-forked instances of Java pollers.
#
# Mandatory: no
# Range: 0-1000
# Default:
StartJavaPollers=5
```


* Name
Java Heap Memory Usage
Type
JMX agent
* Key
jmx["java.lang:type=Memory",HeapMemoryUsage.commited]
Select
* Host interface
192.168.77.22 : 8097
* JMX endpoint
service:jmx:rmi:///jndi/rmi://{HOST.CONN}:12345/jmxrmi
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
Remove
Add
History storage period
90d
Trend storage period
365d
Show value
As is
show value mappings
New application
Applications
-None-
http-8080
http-8443
jk-8009
Sessions
Tomcat





SCRIPT Task

-> look inside the repo