

* Name clusterjsp is available

Application

New application

* Update interval

60s

* Attempts

1

Agent

Zabbix

Step of web scenario

* Name clusterjsp main page is ok

* URL http://http://192.168.55.55/

Parse

Query fields

Name

Value



name



value

Remove

[Add](#)

★ Steps

	Name	Timeout	URL	Required	Status codes	Action
<div><div></div><div></div><div></div></div>	1: clusterjsp main page is ok	15s	http://192.168.55.55/		200	Remove
	Add					

Add

Cancel

Cluster - HA JSP Sample

HttpSession Information:

- Served From Server: **192.168.55.55**
- Server Port Number: **8080**
- Executed From Server: **agentserver**
- Executed Server IP Address: **127.0.0.1**
- Session ID: **794F16AF9F4235F212EDF47B45941660**
- Session Created: Fri Jun 28 11:07:56 UTC 2019
- Last Accessed: Fri Jun 28 11:07:56 UTC 2019
- Session will go inactive in **1800 seconds**

Enter session attribute data:

Name of Session Attribute:

Value of Sesion Attribute:

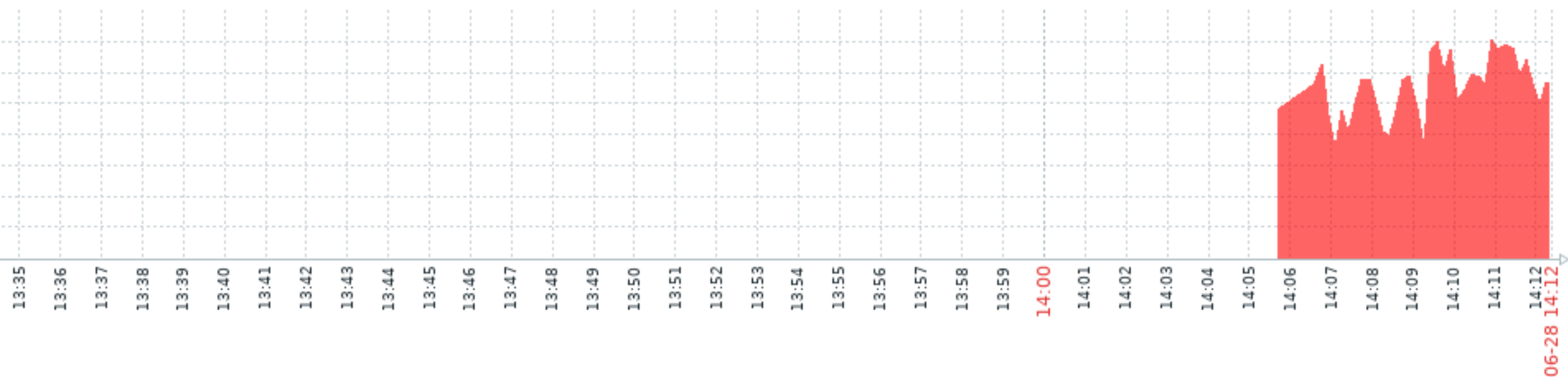
ADD SESSION DATA

RELOAD PAGE

CLEAR SESSION

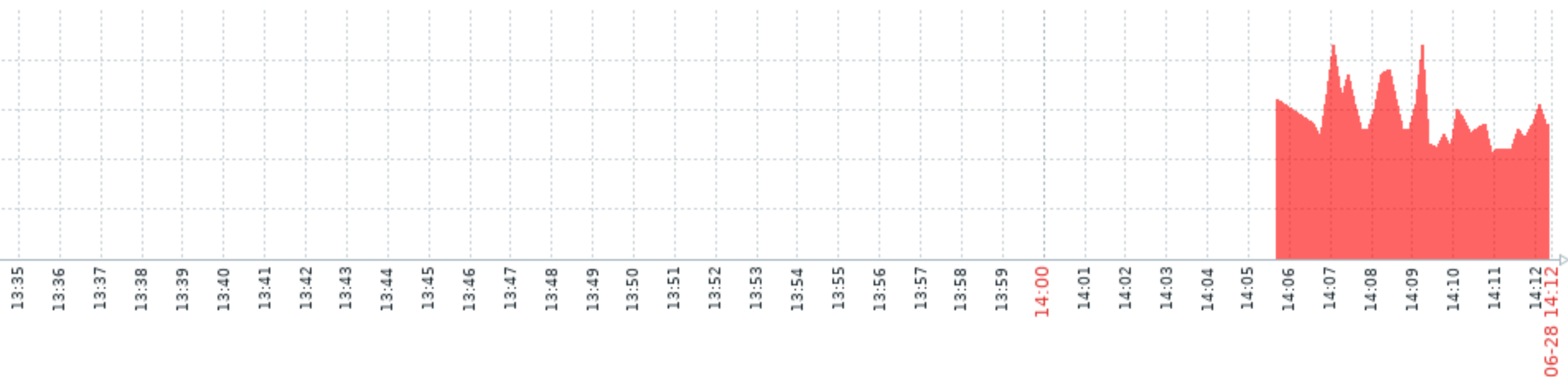
Data retrieved from the HttpSession:

clusterjsp is available: Speed



last 562.7 KBps
min 346.27 KBps
avg 546.81 KBps
max 699.17 KBps

clusterjsp is available: Response time



last 562.7 KBps
min 346.27 KBps
avg 546.81 KBps
max 699.17 KBps

192.168.55.55/



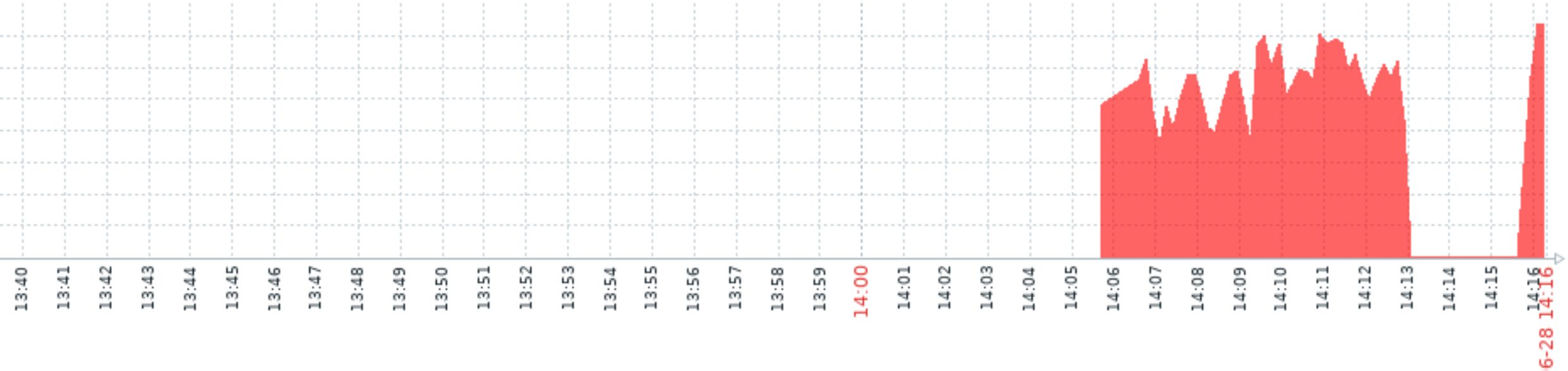
192.168.55.55

Web monitoring

Group

Host	Name ▲	Number of steps	Last check	Status
192.168.55.55	clusterjsp is available	1	2019-06-28 14:14:39	Step "clusterjsp main page is ok" [1 of 1] failed: response code "404" did not match any of the required status codes "200"

clusterjsp is available: Speed




```
# Use JAVA_OPTS to set java.library.path for libtcnative.so
```

```
JAVA_OPTS="-Dcom.sun.management.jmxremote=true -Djava.rmi.server.hostname=192.168.55.55 -Dcom.sun.management.jmxremote.port=12345 -Dcom.sun.management.jmxremote.rmi.port=12346 -Dcom.sun.management.jmxremote.local.only=false -Dcom.sun.management.jmxremote.authenticate=false -Dcom.sun.management.jmxremote.ssl=false"
```

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

```
j -  
[root@agentserver local]# java -jar jmxterm-1.0-alpha-4-uber.jar -n -l 192.168.55.55:8097  
Welcome to JMX terminal. Type "help" for available commands.  
exit  
#bye
```

```
# Default:
JavaGateway=192.168.55.56

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

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

JMX interfaces

☒ IP☐ DNS[Remove](#)☒ IP☐ DNS[Remove](#)[Add](#)

<input type="checkbox"/>	Name ▲	Applications	Items	Triggers	Graphs	Discovery	Web	Interface	Templates	Status	Availability	Agent encryption	Info
<input type="checkbox"/>	192.168.55.55	Applications 10	Items 50	Triggers 19	Graphs 9	Discovery 2	Web 1	192.168.55.55: 10050	Template OS Linux (Template App Zabbix Agent)	Enabled	ZBX SNMP JMX IPMI	NONE	
<input type="checkbox"/>	Zabbix server	Applications 11	Items 76	Triggers 46	Graphs 11	Discovery 2	Web	127.0.0.1: 10050	Template App Zabbix Server, Template OS Linux (Template App Zabbix Agent)	Enabled	ZBX SNMP JMX IPMI	NONE	

Displaying 2 of 2 found

Linked templates

Name

Action

Template App Apache Tomcat JMX

[Unlink](#) [Unlink and clear](#)

Template OS Linux

[Unlink](#) [Unlink and clear](#)

Link new templates

[Add](#)

* Name

Too many requests

Severity

Not classified

Information

Warning

Average

High

Disaster

* Expression

```
{Template App Apache Tomcat  
JMX:jmx["Catalina:type=Manager,context=/,host=localhost",activeSessions].now()  
>1024 and {Template App Apache Tomcat  
JMX:jmx["Catalina:type=GlobalRequestProcessor,name=\"  
{$PROTOCOL_HANDLER_HTTP}\",requestCount].last()}>1024
```

Add

[Expression constructor](#)

* Name

Type

* Key

* Host interface

* JMX endpoint

User name

Password

Configuration

<input type="checkbox"/>	Information	PROBLEM	Template App Apache Tomcat JMX: gzip compression is off for connector http-8080 on {HOST.NAME}	{192.168.55.55:jmx["Catalina:type=ProtocolHandler,port=8080",compression].str(off)} = 1	Enabled
<input type="checkbox"/>	High	PROBLEM	Heap is critical	{192.168.55.55:jmx["java.lang:type=Memory",HeapMemoryUsage.committed].avg(180)}>0	Enabled

<input type="checkbox"/> Name ▲	Applications	Items	Triggers	Graphs	Discovery	Web	Interface	Templates	Status	Availability	Agent encryption	Info
<input type="checkbox"/> 192.168.55.55	Applications 15	Items 82	Triggers 25	Graphs 13	Discovery 2	Web 1	192.168.55.55: 10050	Template App Apache Tomcat JMX , Template OS Linux (Template App Zabbix Agent)	Enabled	ZBX SNMP JMX IPMI	NONE	
<input type="checkbox"/> Zabbix server	Applications 11	Items 76	Triggers 46	Graphs 11	Discovery 2	Web	127.0.0.1: 10050	Template App Zabbix Server , Template OS Linux (Template App Zabbix Agent)	Enabled	ZBX SNMP JMX IPMI	NONE	
<input type="checkbox"/> zab_9149	Applications 10	Items 34	Triggers 15	Graphs 5	Discovery 2	Web	192.168.55.1: 10050	Template OS Linux (Template App Zabbix Agent)	Enabled	ZBX SNMP JMX IPMI	NONE	

Displaying 3 of 3 found