**Report**

**Web Monitoring with Zabbix**

Configure WEB scenario

# Configure trigger

Trigger   Tags   Dependencies

| | |
|---|---|
| * Name | web site is down |
| Operational data | |
| Severity | Not classified \| Information \| Warning \| Average \| **High** \| Disaster |
| * Expression | {192.168.56.241:web.test.fail[Tomcat web access].last()}<>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]

Scenario    Steps    Authentication

* Steps

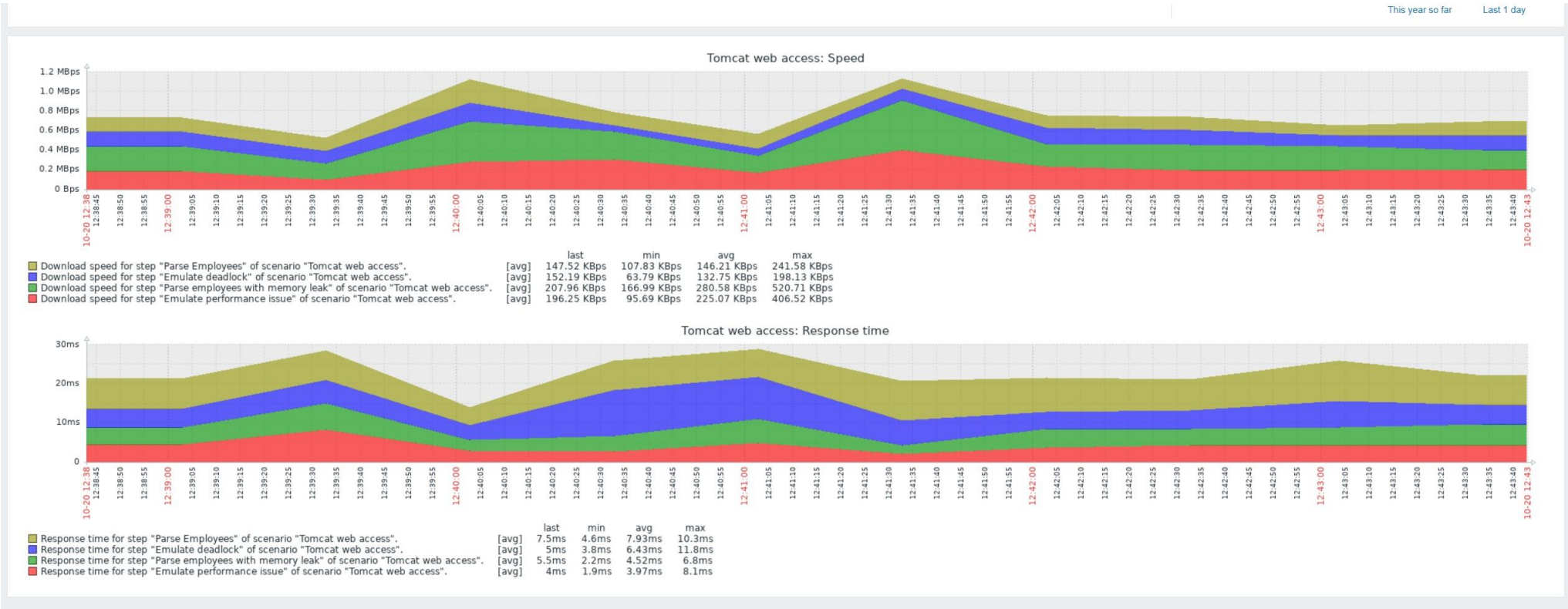| | | Name | Timeout | URL | Required | Status codes | Action |
|---|---|---|---|---|---|---|---|
| ⠿ | 1: | Parse Employees | 15s | http://192.168.56.241:8080/TestApp/generic.jsp | | 200 | Remove |
| ⠿ | 2: | Emulate deadlock | 15s | http://192.168.56.241:8080/TestApp/deadlock.jsp | | 200 | Remove |
| ⠿ | 3: | Parse employees with memory leak | 15s | http://192.168.56.241:8080/TestApp/memoryleak.jsp | | 200 | Remove |
| ⠿ | 4: | Emulate performance issue | 15s | http://192.168.56.241:8080/TestApp/performance.jsp | | 200 | Remove |

Add

Update    Clone    Clear history and trends    Delete    Cancel

# Graphs (before and after stopping tomcat)

## Tomcat web access: Speed

| | last | min | avg | max |
|---|---|---|---|---|
| Download speed for step "Parse Employees" of scenario "Tomcat web access". [avg] | 147.52 KBps | 107.83 KBps | 146.21 KBps | 241.58 KBps |
| Download speed for step "Emulate deadlock" of scenario "Tomcat web access". [avg] | 152.19 KBps | 63.79 KBps | 132.75 KBps | 198.13 KBps |
| Download speed for step "Parse employees with memory leak" of scenario "Tomcat web access". [avg] | 207.96 KBps | 166.99 KBps | 280.58 KBps | 520.71 KBps |
| Download speed for step "Emulate performance issue" of scenario "Tomcat web access". [avg] | 196.25 KBps | 95.69 KBps | 225.07 KBps | 406.52 KBps |

## Tomcat web access: Response time

| | last | min | avg | max |
|---|---|---|---|---|
| Response time for step "Parse Employees" of scenario "Tomcat web access". [avg] | 7.5ms | 4.6ms | 7.93ms | 10.3ms |
| Response time for step "Emulate deadlock" of scenario "Tomcat web access". [avg] | 5ms | 3.8ms | 6.43ms | 11.8ms |
| Response time for step "Parse employees with memory leak" of scenario "Tomcat web access". [avg] | 5.5ms | 2.2ms | 4.52ms | 6.8ms |
| Response time for step "Emulate performance issue" of scenario "Tomcat web access". [avg] | 4ms | 1.9ms | 3.97ms | 8.1ms |

## Details of web scenario: Tomcat web access

| Step | Speed | Response time | Response code | Status |
|------|-------|---------------|---------------|--------|
| Parse Employees | 145.41 KBps | 7.6ms | 200 | Error: Couldn't connect to server: Failed connect to 192.168.56.241:8080; Connection refused |
| Emulate deadlock | | | | Unknown |
| Parse employees with memory leak | | | | Unknown |
| Emulate performance issue | | | | Unknown |
| **TOTAL** | | **7.6ms** | | Error: Couldn't connect to server: Failed connect to 192.168.56.241:8080; Connection refused |

‹ Zoom out ›  Last 5 minutes

From  now-5m

To  now

Apply

| | | | |
|---|---|---|---|
| Last 2 days | Yesterday | Today | Last 5 minutes |
| Last 7 days | Day before yesterday | Today so far | Last 15 minute |
| Last 30 days | This day last week | This week | Last 30 minute |
| Last 3 months | Previous week | This week so far | Last 1 hour |
| Last 6 months | Previous month | This month | Last 3 hours |
| Last 1 year | Previous year | This month so far | Last 6 hours |
| Last 2 years | | This year | Last 12 hours |
| | | This year so far | Last 1 day |

Tomcat web access: Speed

1.0 MBps
0.8 MBps
0.6 MBps
0.4 MBps
0.2 MBps
0 Bps

10-20 12:43 ... 12:44:00 ... 12:45:00 ... 12:46:00 ... 12:47:00 ... 12:48:05 10-20 12:48

last     min     avg     max
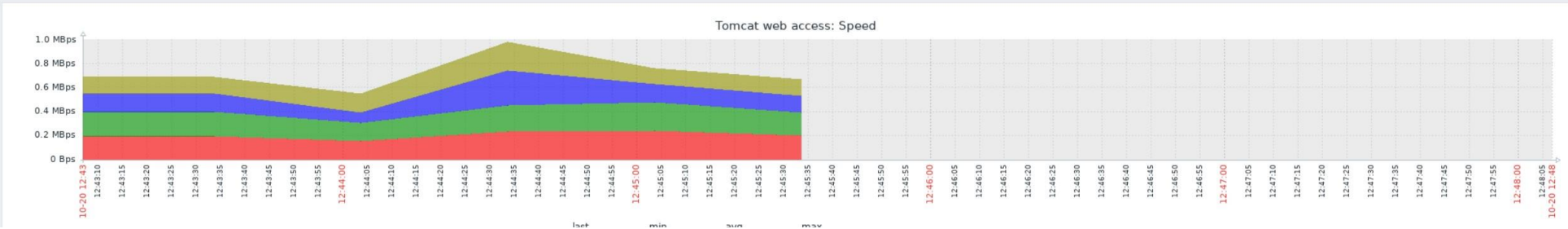
## Alert

| Time ▼ | ☐ | Severity | Recovery time | Status | Info | Host | Problem |
|--------|---|----------|---------------|--------|------|------|---------|
| 13:36:08 | ☐ | High | | PROBLEM | | 192.168.56.241 | web site is down |