

## ThreatFactor NSIA - Bug #367

### Exceptions from Web-client Connection Closures

12/02/2011 04:32 AM - Luke Murphey

<b>Status:</b>	Closed	<b>Start date:</b>	12/02/2011
<b>Priority:</b>	Normal	<b>Due date:</b>	12/05/2011
<b>Assignee:</b>	Luke Murphey	<b>% Done:</b>	100%
<b>Category:</b>	Web Interface	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0.6		

#### Description

NSIA keeps logging exceptions when connections to the web-client are closed.

See below for two examples of the exceptions thrown:

```
stack_trace = "EOFException(EOFException(java.net.SocketException: Connection reset by peer: socket write error))
org.mortbay.http.BufferedOutputStream.flush(BufferedOutputStream.java:209) at
org.mortbay.http.HttpOutputStream.flush(HttpOutputStream.java:478) at
org.mortbay.http.HttpOutputStream.write(HttpOutputStream.java:425) at
org.mortbay.http.HttpOutputStream.write(HttpOutputStream.java:414) at
org.mortbay.jetty.servlet.ServletOut.write(ServletOut.java:47) at
net.lukemurphey.nsia.web.MediaServlet.doRequest(MediaServlet.java:101) at
net.lukemurphey.nsia.web.MediaServlet.doGet(MediaServlet.java:29) at javax.servlet.http.HttpServlet.service(HttpServlet.java:115)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:92) at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:428)
at org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:473) at
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:568) at
org.mortbay.http.HttpContext.handle(HttpContext.java:1530) at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:633) at
org.mortbay.http.HttpContext.handle(HttpContext.java:1482) at org.mortbay.http.HttpServer.service(HttpServer.java:909) at
org.mortbay.http.HttpConnection.service(HttpConnection.java:820) at
org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:986) at
org.mortbay.http.HttpConnection.handle(HttpConnection.java:837) at
org.mortbay.http.SocketListener.handleConnection(SocketListener.java:245) at
org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:357) at
org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:534)"
```

```
stack_trace = "javax.servlet.ServletException: Exception thrown while generating view
net.lukemurphey.nsia.web.WebConsoleServlet.doRequest(WebConsoleServlet.java:92) at
net.lukemurphey.nsia.web.WebConsoleServlet.doPost(WebConsoleServlet.java:127) at
javax.servlet.http.HttpServlet.service(HttpServlet.java:154) at javax.servlet.http.HttpServlet.service(HttpServlet.java:92) at
org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:428) at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:473) at
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:568) at
org.mortbay.http.HttpContext.handle(HttpContext.java:1530) at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:633) at
org.mortbay.http.HttpContext.handle(HttpContext.java:1482) at org.mortbay.http.HttpServer.service(HttpServer.java:909) at
org.mortbay.http.HttpConnection.service(HttpConnection.java:820) at
org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:986) at
org.mortbay.http.HttpConnection.handle(HttpConnection.java:837) at
org.mortbay.http.SocketListener.handleConnection(SocketListener.java:245) at
org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:357) at
org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:534)"
```

Caused by:net.lukemurphey.nsia.web.ViewFailedException: EOFException(java.net.SocketException: Connection reset by peer: socket write error)

```
net.lukemurphey.nsia.web.views.WebDiscoveryRuleEditView.performActions(WebDiscoveryRuleEditView.java:215) at
net.lukemurphey.nsia.web.views.WebDiscoveryRuleEditView.process(WebDiscoveryRuleEditView.java:237) at
net.lukemurphey.nsia.web.views.RuleEditView.process(RuleEditView.java:256) at
net.lukemurphey.nsia.web.View.process(View.java:93) at net.lukemurphey.nsia.web.View.process(View.java:60) at
net.lukemurphey.nsia.web.WebConsoleServlet.doRequest(WebConsoleServlet.java:83) at
net.lukemurphey.nsia.web.WebConsoleServlet.doPost(WebConsoleServlet.java:127) at
```

```
javax.servlet.http.HttpServlet.service(HttpServlet.java:154) at javax.servlet.http.HttpServlet.service(HttpServlet.java:92) at
org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:428) at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:473) at
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:568) at
org.mortbay.http.HttpContext.handle(HttpContext.java:1530) at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:633) at
org.mortbay.http.HttpContext.handle(HttpContext.java:1482) at org.mortbay.http.HttpServer.service(HttpServer.java:909) at
org.mortbay.http.HttpConnection.service(HttpConnection.java:820) at
org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:986) at
org.mortbay.http.HttpConnection.handle(HttpConnection.java:837) at
org.mortbay.http.SocketListener.handleConnection(SocketListener.java:245) at
org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:357) at
org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:534)
```

```
Caused by: EOFException(java.net.SocketException: Connection reset by peer: socket write error)
org.mortbay.http.BufferedOutputStream.flush(BufferedOutputStream.java:209) at
org.mortbay.http.HttpOutputStream.flush(HttpOutputStream.java:478) at
org.mortbay.http.HttpConnection.commit(HttpConnection.java:745) at
org.mortbay.http.HttpResponse.commit(HttpResponse.java:439) at
org.mortbay.jetty.servlet.ServletHttpResponse.commit(ServletHttpResponse.java:152) at
org.mortbay.jetty.servlet.ServletHttpResponse.complete(ServletHttpResponse.java:160) at
org.mortbay.jetty.servlet.ServletHttpResponse.sendRedirect(ServletHttpResponse.java:462) at
net.lukemurphey.nsia.web.views.WebDiscoveryRuleEditView.performActions(WebDiscoveryRuleEditView.java:189) at
net.lukemurphey.nsia.web.views.WebDiscoveryRuleEditView.process(WebDiscoveryRuleEditView.java:237) at
net.lukemurphey.nsia.web.views.RuleEditView.process(RuleEditView.java:256) at
net.lukemurphey.nsia.web.View.process(View.java:93) at net.lukemurphey.nsia.web.View.process(View.java:60) at
net.lukemurphey.nsia.web.WebConsoleServlet.doRequest(WebConsoleServlet.java:83) at
net.lukemurphey.nsia.web.WebConsoleServlet.doPost(WebConsoleServlet.java:127) at
javax.servlet.http.HttpServlet.service(HttpServlet.java:154) at javax.servlet.http.HttpServlet.service(HttpServlet.java:92) at
org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:428) at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:473) at
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:568) at
org.mortbay.http.HttpContext.handle(HttpContext.java:1530) at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:633) at
org.mortbay.http.HttpContext.handle(HttpContext.java:1482) at org.mortbay.http.HttpServer.service(HttpServer.java:909) at
org.mortbay.http.HttpConnection.service(HttpConnection.java:820) at
org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:986) at
org.mortbay.http.HttpConnection.handle(HttpConnection.java:837) at
org.mortbay.http.SocketListener.handleConnection(SocketListener.java:245) at
org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:357) at
org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:534)"
```

**Related issues:**

Related to ThreatFactor NSIA - Bug #364: Duplicate rules are created on IE	<b>Closed</b>	<b>12/02/2011</b>	<b>12/05/2011</b>
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**History**

**#1 - 12/02/2011 06:56 AM - Luke Murphey**

The root cause of this exception is related to [#364](#). This exception is generated whenever a IE 9 client makes a HTTP auto-discovery rule.

**#2 - 12/02/2011 07:09 AM - Luke Murphey**

- Status changed from New to In Progress

**#3 - 12/02/2011 08:08 AM - Luke Murphey**

This turns out to be more difficult than expected. The problem is that the individual views (those sub-classing View) throw ViewFailedExceptions for IOExceptions. They really ought to ignore these since these are dependent on the network connection. For example, [IE will shut down the connection due to an unexpected mimetype](#).

**#4 - 12/03/2011 08:20 AM - Anonymous**

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

Applied in changeset r1228.