

## Runtime Infrastructure - Bug #2693

### terminating the server is broken (using ServerDriver -k)

09/08/2015 11:49 AM - Greg Shah

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Cleanup and Stabilization for GUI	<b>case_num:</b>	
<b>billable:</b>	No		
<b>vendor_id:</b>	GCD		
<b>Description</b>			

#### History

##### #1 - 09/08/2015 11:49 AM - Greg Shah

As reported by Constantin:

I get a "certificate\_unknown" error when trying to terminate the server via "-k".

##### #2 - 09/08/2015 12:45 PM - Greg Shah

To confirm, I started a server session:

```
P2J_HOME=/home/ges/projects/1811q/ ./server.sh -a ../../uast/build/lib/testcases.jar net:connection:secure=true net:serr:secure_port=3334
```

Then I tried to simply check its status:

```
P2J_HOME=/home/ges/projects/1811q/ ./server.sh -s net:connection:secure=true net:server:secure_port=3334
```

Error connecting to server

```
javax.net.ssl.SSLException: Connection has been shutdown: javax.net.ssl.SSLHandshakeException: sun.security.validator.ValidatorException: PKIX path building failed: sun.security.provider.certpath.SunCertPathBuilderException: unable to find valid certification path to requested target
```

```
    at sun.security.ssl.SSLSocketImpl.checkEOF(SSLSocketImpl.java:1508)
    at sun.security.ssl.SSLSocketImpl.checkWrite(SSLSocketImpl.java:1520)
    at sun.security.ssl.AppOutputStream.write(AppOutputStream.java:70)
    at java.io.ObjectOutputStream$BlockDataOutputStream.drain(ObjectOutputStream.java:1876)
    at java.io.ObjectOutputStream$BlockDataOutputStream.setBlockDataMode(ObjectOutputStream.java:1785)
    at java.io.ObjectOutputStream.<init>(ObjectOutputStream.java:247)
    at com.goldencode.p2j.net.NetSocket.<init>(NetSocket.java:79)
    at com.goldencode.p2j.net.SessionManager.createQueue(SessionManager.java:1036)
    at com.goldencode.p2j.net.LeafSessionManager.connectDirect(LeafSessionManager.java:201)
    at com.goldencode.p2j.main.ServerDriver.connect(ServerDriver.java:728)
    at com.goldencode.p2j.main.ServerDriver.statusWorker(ServerDriver.java:629)
    at com.goldencode.p2j.main.ServerDriver.status(ServerDriver.java:500)
    at com.goldencode.p2j.main.ServerDriver.start(ServerDriver.java:420)
    at com.goldencode.p2j.main.CommonDriver.process(CommonDriver.java:398)
    at com.goldencode.p2j.main.ServerDriver.process(ServerDriver.java:146)
    at com.goldencode.p2j.main.ServerDriver.main(ServerDriver.java:758)
```

```
Caused by: javax.net.ssl.SSLHandshakeException: sun.security.validator.ValidatorException: PKIX path building failed: sun.security.provider.certpath.SunCertPathBuilderException: unable to find valid certification path to requested target
```

```
    at sun.security.ssl.Alerts.getSSLException(Alerts.java:192)
    at sun.security.ssl.SSLSocketImpl.fatal(SSLSocketImpl.java:1916)
    at sun.security.ssl.Handshaker.fatalSE(Handshaker.java:279)
    at sun.security.ssl.Handshaker.fatalSE(Handshaker.java:273)
    at sun.security.ssl.ClientHandshaker.serverCertificate(ClientHandshaker.java:1469)
```



**#3 - 02/03/2016 07:50 AM - Paul E**

Just moving a reminder out of my email and into here:

Greg Shah wrote (in an email):

The key is that the ServerDriver can be used for more than just starting the server. It can be used with a -k to kill the server, a -s to check the status and a -w to wait until the server is initialized. All of these are exposed in our "standard" server.sh.

The status codes that can be returned from these operations include:

RUNNING 0  
TIMEOUT 1  
UNKNOWN 2  
STOPPED 3

At this time, we've broken something in the ServerDriver and/or standard configuration for our test environments. We can't currently use any of these modes. I think this is not going to work for you until we fix [#2693](#), but I haven't specifically tested the customer's server project.

So, once this is fixed we'll be able to replace our arbitrary long wait on starting a server with a status check loop.

**#4 - 03/23/2016 05:13 PM - Greg Shah**

- Target version changed from Milestone 12 to Milestone 16

**#5 - 11/16/2016 12:23 PM - Greg Shah**

- Target version changed from Milestone 16 to Cleanup and Stabilization for GUI