

## Java Client - Task #7131

Bug # 7058 (Closed): cannot successfully connect to SAEON node that only uses TLSv1.2

### implement a TLS protocol preference property in auth.properties

2015-05-26 23:29 - Rob Nahf

<b>Status:</b> Closed	<b>Start date:</b> 2015-05-26
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> Rob Nahf	<b>% Done:</b> 100%
<b>Category:</b> d1_libclient_java	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	
<b>Story Points:</b>	
<b>Description</b>	
Allow the user to configure a preference of TLS protocols to use, via a property called <code>tls.protocol.preferences</code> in <code>auth.properties</code> . Certificate manager will iterate over the list until it finds a protocol the runtime supports. This lets us specify the highest version of TLS we wish without worrying about what a particular runtime supports.  The preference list will allow libclient run under java 6 use TLSv1.0 (the highest it supports), under java7 and 8 use TLSv1.2.	
<b>Subtasks:</b>	
Task # 7132: implement protocol preference in d1_libclient_java v1.4 branch	<b>Closed</b>
Task # 7133: implement protocol preference in d1_libclient_java v2.0 (trunk)	<b>Closed</b>

### History

#### #1 - 2015-05-26 23:31 - Rob Nahf

- Status changed from *In Progress* to *Closed*

- % Done changed from 30 to 100

#### #2 - 2015-05-26 23:35 - Rob Nahf

added the `tls.protocol.preferences` property to `CertificateManager` to give maximum runtime compatibility and security for TLS connections. Default preferences support java 6,7, & 8 at their highest supported protocol version.