

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 tls.protocol.preferences in auth.properties. Certificate manage 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			Closed
Task # 7133: implement protocol preference in d1_libclient_java v2.0 (trunk)			Closed

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.