

Infrastructure - Bug #7267

Metacat replication got a handshake_failure message

2015-07-21 17:07 - Jing Tao

Status:	Closed	Start date:	2015-07-21
Priority:	Normal	Due date:	
Assignee:	Jing Tao	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	CCI-2.0.0	Story Points:	
Milestone:	None		
Product Version:	*		

Description

I set up the replication between valley.duckdns.org(my local host) and mn-demo-7.test.dataone.org. It got the error message when they were both running java 1.7 and one was running java 1.8 and the other was running java 1.7. Actually the replication worked couple weeks ago:

metacat 20150721-16:52:18: [INFO]: ReplicationService.getURLStream - Before sending request to:

<https://valley.duckdns.org/metacat/servlet/replication?action=forcereplicate&server=mn-demo-6.test.dataone.org/knb/servlet/replication&docid=autogen.2015072109514747505.1&dbaction=INSERT> [ReplicationLogging]

metacat 20150721-16:52:18: [ERROR]: Unexpected Throwable encountered. Logging and moving on:

javax.net.ssl.SSLHandshakeException: Received fatal alert: handshake_failure [ReplicationLogging]

metacat 20150721-16:52:18: [ERROR]: javax.net.ssl.SSLHandshakeException: Received fatal alert: handshake_failure

at sun.security.ssl.Alerts.getSSLException(Alerts.java:192)

at sun.security.ssl.Alerts.getSSLException(Alerts.java:154)

at sun.security.ssl.SSLSocketImpl.recvAlert(SSLSocketImpl.java:1979)

at sun.security.ssl.SSLSocketImpl.readRecord(SSLSocketImpl.java:1086)

at sun.security.ssl.SSLSocketImpl.readDataRecord(SSLSocketImpl.java:891)

at sun.security.ssl.AppInputStream.read(AppInputStream.java:102)

at org.apache.http.impl.io.SessionInputBufferImpl.streamRead(SessionInputBufferImpl.java:136)

at org.apache.http.impl.io.SessionInputBufferImpl.fillBuffer(SessionInputBufferImpl.java:152)

at org.apache.http.impl.io.SessionInputBufferImpl.readLine(SessionInputBufferImpl.java:270)

at org.apache.http.impl.conn.DefaultHttpResponseParser.parseHead(DefaultHttpResponseParser.java:140)

at org.apache.http.impl.conn.DefaultHttpResponseParser.parseHead(DefaultHttpResponseParser.java:57)

at org.apache.http.impl.io.AbstractMessageParser.parse(AbstractMessageParser.java:260)

at org.apache.http.impl.DefaultBHttpClientConnection.receiveResponseHeader(DefaultBHttpClientConnection.java:161)

at sun.reflect.GeneratedMethodAccessor74.invoke(Unknown Source)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:606)

at org.apache.http.impl.conn.CPoolProxy.invoke(CPoolProxy.java:138)

at com.sun.proxy.\$Proxy19.receiveResponseHeader(Unknown Source)

at org.apache.http.protocol.HttpRequestExecutor.doReceiveResponse(HttpRequestExecutor.java:271)

at org.apache.http.protocol.HttpRequestExecutor.execute(HttpRequestExecutor.java:123)

at org.apache.http.impl.execchain.MainClientExec.execute(MainClientExec.java:254)

at org.apache.http.impl.execchain.ProtocolExec.execute(ProtocolExec.java:195)

at org.apache.http.impl.execchain.RetryExec.execute(RetryExec.java:86)

at org.apache.http.impl.execchain.RedirectExec.execute(RedirectExec.java:108)

at org.apache.http.impl.client.InternalHttpClient.doExecute(InternalHttpClient.java:186)

at org.apache.http.impl.client.CloseableHttpClient.execute(CloseableHttpClient.java:82)

at org.apache.http.impl.client.CloseableHttpClient.execute(CloseableHttpClient.java:106)

at org.apache.http.impl.client.CloseableHttpClient.execute(CloseableHttpClient.java:57)

at org.dataone.client.rest.RestClient.doRequest(RestClient.java:294)

at org.dataone.client.rest.RestClient.doRequestNoBody(RestClient.java:230)

at org.dataone.client.rest.RestClient.doGetRequest(RestClient.java:148)

at edu.ucsb.nceas.metacat.replication.ReplicationService.getURLStream(ReplicationService.java:2315)

at edu.ucsb.nceas.metacat.replication.ReplicationService.getURLContent(ReplicationService.java:2291)

at edu.ucsb.nceas.metacat.replication.ForceReplicationHandler.run(ForceReplicationHandler.java:328)

at java.lang.Thread.run(Thread.java:745)

[ReplicationLogging]

History

#1 - 2015-07-23 04:33 - Jing Tao

- *Status changed from New to Closed*

- *% Done changed from 0 to 100*

There were two local issues. First my local apache server (version 2.4, coming with mac os Yosemite) doesn't support tls 1.2. I had to install another apache server from mac ports.

Second issue, the certificate of mn-demo-6 and geotrust_intermediate certificate were changed. But my local ca path still contained the old version. After I replaced them, the replication works.