Title: Hive JDBC SSL Handshake Timeout

Issue Summary:

When connecting to HiveServer2 using JDBC with SSL enabled, the client fails to complete the handshake process.

Error Message:

javax.net.ssl.SSLHandshakeException: Remote host terminated the handshake

Possible Causes:

- HiveServer2 SSL certificate is invalid or expired.

- Client truststore does not include the CA certificate.

- Network firewall is blocking SSL traffic on port 10000.

Recommended Steps:

1. Verify that HiveServer2 is running with `hive.server2.use.SSL=true`.

2. Confirm that the server certificate is valid (check expiry date).

3. Check if the client’s truststore contains the correct CA.

4. Run `openssl s\_client -connect host:10000` to debug SSL layer.

5. Look into Hive logs (`/var/log/hive`) for handshake errors.

Tags:

hive, jdbc, ssl, handshake, truststore, troubleshooting