Item 93
git_comments:

1. * * @return true if the parameters have been modified by this method

git_commits:

1. **summary:** GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465)
   message: GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine * addressing test issues * fixing error in SSLSocket endpoint validation * addressing Jake's comments * change test to use ArgumentCaptor - thanks Jake\! * check captured argument content

github_issues:

github_issues_comments:

github_pulls:

1. **title:** GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored
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github_pulls_comments:

github_pulls_reviews:

1. Should we verify that it is called with a `String[]` only containing the `"someCipher"`?
2. **body:** What about a test for `"any"`?
   label: test
3. yes, I was being lazy there. I've corrected that
4. Yes! I'm having lots of "fun" with "any" this week and that's an excellent idea.
5. Are you familiar with `ArgumentCaptors` in Mokito? I find it to be more readable approach to the argument validation than `doAnswer` approach. https://javadoc.io/doc/org.mockito/mockito-core/latest/org/mockito/Mockito.html#verify-T-
6. **body:** I was not familiar with ArgumentCaptor. Much simpler.
   label: code-design
7. You will want separate captors for each of these and then assert the values. ```java ArgumentCaptor<String[]> enabledProtocols = ArgumentCaptor.forClass(String[].class); verify(engine).setEnabledProtocols(enabledProtocols.capture()); assertThat(enabledProtocols.getValue()).containsExactly("someProtocol"); ArgumentCaptor<String[]> enabledCipherSuites = ArgumentCaptor.forClass(String[].class); verify(engine). setEnabledCipherSuites(enabledCipherSuites.capture()); assertThat(enabledCipherSuites.getValue()).containsExactly("someCipher"); ```
8. The captor in this commit does capture both String[] values. The first capture() returns the String[] with "someProtocol" and the second returns the String[] with "someCipher". I'll add the content checks.

jira_issues:

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jira_issues_comments:

1. bschuchardt opened a new pull request #5465: URL: https://github.com/apache/geode/pull/5465 Configure cipher suites when creating an SSLEngine Thank you for submitting a contribution to Apache Geode. In order to streamline the review of the contribution we ask you to ensure the following steps have been taken: ### For all changes: - [ ] Is there a JIRA ticket associated with this PR? Is it referenced in the commit message? - [ ] Has your PR been rebased against the latest commit within the target branch (typically `develop`)? - [ ] Is your initial contribution a single, squashed commit? - [ ] Does `gradlew build` run cleanly? - [ ] Have you written or updated unit tests to verify your changes? - [ ] If adding new dependencies to the code, are these dependencies licensed in a way that is compatible for inclusion under [ASF 2.0](http://www.apache.org/legal/resolved.html#category-a)? ### Note: Please ensure that once the PR is submitted, check Concourse for build issues and submit an update to your PR as soon as possible. If you need help, please send an email to dev@geode.apache.org. ---

2. pivotal-jbarrett commented on a change in pull request #5465: URL: https://github.com/apache/geode/pull/5465#discussion_r472521802 ########## File path: geode-core/src/test/java/org/apache/geode/internal/net/SocketCreatorJUnitTest.java ########## @@ -98,6 +102,30 @@ private void testBindExceptionMessageFormatting(InetAddress inetAddress) throws } } + @Test + public void configureSSLEngine() { + SSLConfig config = new SSLConfig.Builder().setCiphers("someCipher").setEnabled(true) + .setProtocols("someProtocol").setRequireAuth(true).setKeystore("someKeystore.jks") + .setAlias("someAlias").setTruststore("someTruststore.jks") + .setEndpointIdentificationEnabled(true).build(); + SSLContext context = mock(SSLContext.class); + SSLParameters parameters = mock(SSLParameters.class); + + SocketCreator socketCreator = new SocketCreator(config, context); + + SSLEngine engine = mock(SSLEngine.class); + when(engine.getSSLParameters()).thenReturn(parameters); + + engine.setEnableSessionCreation(true); + socketCreator.configureSSLEngine(engine, "somehost", 12345, true); + + verify(engine).setUseClientMode(isA(Boolean.class)); + verify(engine).setSSLParameters(parameters); + verify(engine).setEnabledCipherSuites(isA(String[].class)); Review comment: Should we verify that it is called with a `String[]` only containing the `"someCipher"`? ########## File path: geode-core/src/test/java/org/apache/geode/internal/net/SocketCreatorJUnitTest.java ########## @@ -98,6 +102,30 @@ private void testBindExceptionMessageFormatting(InetAddress inetAddress) throws } } + @Test + public void configureSSLEngine() { + SSLConfig config = new SSLConfig.Builder().setCiphers("someCipher").setEnabled(true) Review comment: What about a test for `"any"`?

3. bschuchardt commented on a change in pull request #5465: URL: https://github.com/apache/geode/pull/5465#discussion_r472538826 ########## File path: geode-core/src/test/java/org/apache/geode/internal/net/SocketCreatorJUnitTest.java ########## @@ -98,6 +102,30 @@ private void testBindExceptionMessageFormatting(InetAddress inetAddress) throws } } + @Test + public void configureSSLEngine() { + SSLConfig config = new SSLConfig.Builder().setCiphers("someCipher").setEnabled(true) + .setProtocols("someProtocol").setRequireAuth(true).setKeystore("someKeystore.jks") + .setAlias("someAlias").setTruststore("someTruststore.jks") + .setEndpointIdentificationEnabled(true).build(); + SSLContext context = mock(SSLContext.class); + SSLParameters parameters = mock(SSLParameters.class); + + SocketCreator socketCreator = new SocketCreator(config, context); + + SSLEngine engine = mock(SSLEngine.class); + when(engine.getSSLParameters()).thenReturn(parameters); + + engine.setEnableSessionCreation(true); + socketCreator.configureSSLEngine(engine, "somehost", 12345, true); + + verify(engine).setUseClientMode(isA(Boolean.class)); + verify(engine).setSSLParameters(parameters); + verify(engine).setEnabledCipherSuites(isA(String[].class)); Review comment: yes, I was being lazy there. I've corrected that

4. bschuchardt commented on a change in pull request #5465: URL: https://github.com/apache/geode/pull/5465#discussion_r472539017 ########## File path: geode-core/src/test/java/org/apache/geode/internal/net/SocketCreatorJUnitTest.java ########## @@ -98,6 +102,30 @@ private void testBindExceptionMessageFormatting(InetAddress inetAddress) throws } } + @Test + public void configureSSLEngine() { + SSLConfig config = new SSLConfig.Builder().setCiphers("someCipher").setEnabled(true) Review comment: Yes! I'm having lots of "fun" with "any" this week and that's an excellent idea.

5. pivotal-jbarrett commented on a change in pull request #5465: URL: https://github.com/apache/geode/pull/5465#discussion_r472543514 ########## File path: geode-core/src/test/java/org/apache/geode/internal/net/SocketCreatorJUnitTest.java ########## @@ -98,6

+106,65 @@ private void testBindExceptionMessageFormatting(InetAddress inetAddress) throws } } + @Test + public void configureSSLEngine() { + SSLConfig config = new SSLConfig.Builder().setCiphers("someCipher").setEnabled(true) + .setProtocols("someProtocol").setRequireAuth(true).setKeystore("someKeystore.jks") + .setAlias("someAlias").setTruststore("someTruststore.jks") + .setEndpointIdentificationEnabled(true).build(); + SSLContext context = mock(SSLContext.class); + SSLParameters parameters = mock(SSLParameters.class); + + SocketCreator socketCreator = new SocketCreator(config, context); + + SSLEngine engine = mock(SSLEngine.class); + when(engine.getSSLParameters()).thenReturn(parameters); + + final Object[] setProtocols = new Object[1]; + doAnswer((Answer<Void>) invocation -> { + setProtocols[0] = invocation.getArgument(0); + return null; + }).when(engine).setEnabledProtocols(any(String[].class)); + + final Object[] setCiphers = new Object[1]; + doAnswer((Answer<Void>) invocation -> { + setCiphers[0] = invocation.getArgument(0); + return null; + }).when(engine).setEnabledCipherSuites(any(String[].class)); + + socketCreator.configureSSLEngine(engine, "somehost", 12345, true); + + verify(engine).setUseClientMode(isA(Boolean.class)); Review comment: Are you familiar with `ArgumentCaptors` in Mokito? I find it to be more readable approach to the argument validation than `doAnswer` approach. https://javadoc.io/doc/org.mockito/mockito-core/latest/org/mockito/Mockito.html#verify-T- --- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

6. bschuchardt commented on a change in pull request #5465: URL: https://github.com/apache/geode/pull/5465#discussion_r473117796 ########## File path: geode-core/src/test/java/org/apache/geode/internal/net/SocketCreatorJUnitTest.java ########## @@ -98,6 +106,65 @@ private void testBindExceptionMessageFormatting(InetAddress inetAddress) throws } } + @Test + public void configureSSLEngine() { + SSLConfig config = new SSLConfig.Builder().setCiphers("someCipher").setEnabled(true) + .setProtocols("someProtocol").setRequireAuth(true).setKeystore("someKeystore.jks") + .setAlias("someAlias").setTruststore("someTruststore.jks") + .setEndpointIdentificationEnabled(true).build(); + SSLContext context = mock(SSLContext.class); + SSLParameters parameters = mock(SSLParameters.class); + + SocketCreator socketCreator = new SocketCreator(config, context); + + SSLEngine engine = mock(SSLEngine.class); + when(engine.getSSLParameters()).thenReturn(parameters); + + final Object[] setProtocols = new Object[1]; + doAnswer((Answer<Void>) invocation -> { + setProtocols[0] = invocation.getArgument(0); + return null; + }).when(engine).setEnabledProtocols(any(String[].class)); + + final Object[] setCiphers = new Object[1]; + doAnswer((Answer<Void>) invocation -> { + setCiphers[0] = invocation.getArgument(0); + return null; + }).when(engine).setEnabledCipherSuites(any(String[].class)); + + socketCreator.configureSSLEngine(engine, "somehost", 12345, true); + + verify(engine).setUseClientMode(isA(Boolean.class)); Review comment: I was not familiar with ArgumentCaptor. Much simpler. --- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

7. pivotal-jbarrett commented on a change in pull request #5465: URL: https://github.com/apache/geode/pull/5465#discussion_r473135846 ########## File path: geode-core/src/test/java/org/apache/geode/internal/net/SocketCreatorJUnitTest.java ########## @@ -120,28 +117,14 @@ public void configureSSLEngine() { SSLEngine engine = mock(SSLEngine.class); when(engine.getSSLParameters()).thenReturn(parameters); - final Object[] setProtocols = new Object[1]; - doAnswer((Answer<Void>) invocation -> { - setProtocols[0] = invocation.getArgument(0); - return null; - }).when(engine).setEnabledProtocols(any(String[].class)); - - final Object[] setCiphers = new Object[1]; - doAnswer((Answer<Void>) invocation -> { - setCiphers[0] = invocation.getArgument(0); - return null; - }).when(engine).setEnabledCipherSuites(any(String[].class)); + ArgumentCaptor<String[]> engineArgumentCaptor = ArgumentCaptor.forClass(String[].class); socketCreator.configureSSLEngine(engine, "somehost", 12345, true); verify(engine).setUseClientMode(isA(Boolean.class)); verify(engine).setSSLParameters(parameters); - verify(engine).setEnabledCipherSuites(isA(String[].class)); - assertThat(setProtocols[0]).isNotNull(); - String[] protocolStrings = (String[]) setProtocols[0]; - assertThat(protocolStrings[0].equals("someProtocol")); - String[] cipherStrings = (String[]) setCiphers[0]; - assertThat(cipherStrings[0].equals("someCipher")); +

verify(engine).setEnabledProtocols(engineArgumentCaptor.capture()); + verify(engine).setEnabledCipherSuites(engineArgumentCaptor.capture()); Review comment: You will want separate captors for each of these and then assert the values. ```java ArgumentCaptor<String[]> enabledProtocols = ArgumentCaptor.forClass(String[].class); verify(engine).setEnabledProtocols(enabledProtocols.capture()); assertThat(enabledProtocols.getValue()).containsExactly("someProtocol"); ArgumentCaptor<String[]> enabledCipherSuites = ArgumentCaptor.forClass(String[].class); verify(engine). setEnabledCipherSuites(enabledCipherSuites.capture()); assertThat(enabledCipherSuites.getValue()).containsExactly("someCipher"); ``` ------------------------------ -------------------------------------- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

8. bschuchardt commented on a change in pull request #5465: URL: https://github.com/apache/geode/pull/5465#discussion_r473192044 ########## File path: geode-core/src/test/java/org/apache/geode/internal/net/SocketCreatorJUnitTest.java ########## @@ -120,28 +117,14 @@ public void configureSSLEngine() { SSLEngine engine = mock(SSLEngine.class); when(engine.getSSLParameters()).thenReturn(parameters); - final Object[] setProtocols = new Object[1]; - doAnswer((Answer<Void>) invocation -> { - setProtocols[0] = invocation.getArgument(0); - return null; - }).when(engine).setEnabledProtocols(any(String[].class)); - - final Object[] setCiphers = new Object[1]; - doAnswer((Answer<Void>) invocation -> { - setCiphers[0] = invocation.getArgument(0); - return null; - }).when(engine).setEnabledCipherSuites(any(String[].class)); + ArgumentCaptor<String[]> engineArgumentCaptor = ArgumentCaptor.forClass(String[].class); socketCreator.configureSSLEngine(engine, "somehost", 12345, true); verify(engine).setUseClientMode(isA(Boolean.class)); verify(engine).setSSLParameters(parameters); - verify(engine).setEnabledCipherSuites(isA(String[].class)); - assertThat(setProtocols[0]).isNotNull(); - String[] protocolStrings = (String[]) setProtocols[0]; - assertThat(protocolStrings[0].equals("someProtocol")); - String[] cipherStrings = (String[]) setCiphers[0]; - assertThat(cipherStrings[0].equals("someCipher")); + verify(engine).setEnabledProtocols(engineArgumentCaptor.capture()); + verify(engine).setEnabledCipherSuites(engineArgumentCaptor.capture()); Review comment: The captor in this commit does capture both String[] values though. The first capture() returns the String[] with "someProtocol" and the second returns the String[] with "someCipher". I'll add the content checks. -- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

9. bschuchardt commented on a change in pull request #5465: URL: https://github.com/apache/geode/pull/5465#discussion_r473192044 ########## File path: geode-core/src/test/java/org/apache/geode/internal/net/SocketCreatorJUnitTest.java ########## @@ -120,28 +117,14 @@ public void configureSSLEngine() { SSLEngine engine = mock(SSLEngine.class); when(engine.getSSLParameters()).thenReturn(parameters); - final Object[] setProtocols = new Object[1]; - doAnswer((Answer<Void>) invocation -> { - setProtocols[0] = invocation.getArgument(0); - return null; - }).when(engine).setEnabledProtocols(any(String[].class)); - - final Object[] setCiphers = new Object[1]; - doAnswer((Answer<Void>) invocation -> { - setCiphers[0] = invocation.getArgument(0); - return null; - }).when(engine).setEnabledCipherSuites(any(String[].class)); + ArgumentCaptor<String[]> engineArgumentCaptor = ArgumentCaptor.forClass(String[].class); socketCreator.configureSSLEngine(engine, "somehost", 12345, true); verify(engine).setUseClientMode(isA(Boolean.class)); verify(engine).setSSLParameters(parameters); - verify(engine).setEnabledCipherSuites(isA(String[].class)); - assertThat(setProtocols[0]).isNotNull(); - String[] protocolStrings = (String[]) setProtocols[0]; - assertThat(protocolStrings[0].equals("someProtocol")); - String[] cipherStrings = (String[]) setCiphers[0]; - assertThat(cipherStrings[0].equals("someCipher")); + verify(engine).setEnabledProtocols(engineArgumentCaptor.capture()); + verify(engine).setEnabledCipherSuites(engineArgumentCaptor.capture()); Review comment: The captor in this commit does capture both String[] values. The first capture() returns the String[] with "someProtocol" and the second returns the String[] with "someCipher". I'll add the content checks. -- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

10. bschuchardt merged pull request #5465: URL: https://github.com/apache/geode/pull/5465 -- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

11. Commit 537721ff815cf40eff85fde65db9b5e787471c89 in geode's branch refs/heads/develop from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=537721f] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine * addressing test issues * fixing error in SSLSocket endpoint validation * addressing Jake's comments * change test to use ArgumentCaptor - thanks Jake\! * check captured argument content

12. Commit 537721ff815cf40eff85fde65db9b5e787471c89 in geode's branch refs/heads/develop from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=537721f] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine * addressing test issues * fixing error in SSLSocket endpoint validation * addressing Jake's comments * change test to use ArgumentCaptor - thanks Jake\! * check captured argument content

13. Commit 537721ff815cf40eff85fde65db9b5e787471c89 in geode's branch refs/heads/develop from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=537721f] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine * addressing test issues * fixing error in SSLSocket endpoint validation * addressing Jake's comments * change test to use ArgumentCaptor - thanks Jake\! * check captured argument content

14. Commit 537721ff815cf40eff85fde65db9b5e787471c89 in geode's branch refs/heads/develop from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=537721f] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine * addressing test issues * fixing error in SSLSocket endpoint validation * addressing Jake's comments * change test to use ArgumentCaptor - thanks Jake\! * check captured argument content

15. Commit 537721ff815cf40eff85fde65db9b5e787471c89 in geode's branch refs/heads/develop from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=537721f] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine * addressing test issues * fixing error in SSLSocket endpoint validation * addressing Jake's comments * change test to use ArgumentCaptor - thanks Jake\! * check captured argument content

16. Commit 537721ff815cf40eff85fde65db9b5e787471c89 in geode's branch refs/heads/develop from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=537721f] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine * addressing test issues * fixing error in SSLSocket endpoint validation * addressing Jake's comments * change test to use ArgumentCaptor - thanks Jake\! * check captured argument content

17. Commit 524dd58ecc6bed33d4b1774b2180a8d47179f638 in geode's branch refs/heads/feature/GEODE-8419-backport from Bill Burcham [https://gitbox.apache.org/repos/asf?p=geode.git;h=524dd58] GEODE-8419: backported forward

18. Bill opened a new pull request #5587: URL: https://github.com/apache/geode/pull/5587 **Not ready for merge yet.** - [x] Is there a JIRA ticket associated with this PR? Is it referenced in the commit message? - [x] Has your PR been rebased against the latest commit within the target branch (typically `develop`)? - [x] Is your initial contribution a single, squashed commit? - [x] Does `gradlew build` run cleanly? - [x] Have you written or updated unit tests to verify your changes? -- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

19. Bill commented on pull request #5587: URL: https://github.com/apache/geode/pull/5587#issuecomment-703755073 The only failure in CI was RedisTestOpenJDK11. That test runs in CI but the test isn't present on `support/1.12` so it's not a showstopper. -- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

20. Commit 8754e5fd0f0be1735c627e849e03345e351db683 in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bill Burcham [https://gitbox.apache.org/repos/asf?p=geode.git;h=8754e5f]

GEODE-8419: move SSLUtil to net package in preparation for cherry-pick

21. Commit ec649411c14b05c38aaf2edb8299a7daf7ed027b in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=ec64941] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

22. Commit ec649411c14b05c38aaf2edb8299a7daf7ed027b in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=ec64941] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

23. Commit 8754e5fd0f0be1735c627e849e03345e351db683 in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bill Burcham [https://gitbox.apache.org/repos/asf?p=geode.git;h=8754e5f] GEODE-8419: move SSLUtil to net package in preparation for cherry-pick

24. Commit ec649411c14b05c38aaf2edb8299a7daf7ed027b in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=ec64941] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

25. Commit ec649411c14b05c38aaf2edb8299a7daf7ed027b in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=ec64941] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

26. Bill opened a new pull request #5594: URL: https://github.com/apache/geode/pull/5594 Backport of GEODE-8419 to `support/1.13` Cherry-picked from `develop` Note that two commits will be merged: one to move `SSLUtil` and a second one with the actual cherry-picked changes from `develop`. See also: https://github.com/apache/geode/pull/5587 for `support/1.12` backport. - [x] Is there a JIRA ticket associated with this PR? Is it referenced in the commit message? - [x] Has your PR been rebased against the latest commit within the target branch (typically `develop`)? - [ ] Is your initial contribution a single, squashed commit? - [x] Does `gradlew build` run cleanly? - [x] Have you written or updated unit tests to verify your changes? -- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

27. Commit 0eedeb1ee7f4cb28e83fd963d8f3c6fa3fbbe823 in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bill Burcham [https://gitbox.apache.org/repos/asf?p=geode.git;h=0eedeb1] GEODE-8419: straggler spA

28. Commit 1ab6c115cb43c58773efcca2ac6f36246c9f3faf in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=1ab6c11] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

29. Commit 1ab6c115cb43c58773efcca2ac6f36246c9f3faf in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=1ab6c11] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

30. Commit 1ab6c115cb43c58773efcca2ac6f36246c9f3faf in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=1ab6c11] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

31. Commit 1ab6c115cb43c58773efcca2ac6f36246c9f3faf in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=1ab6c11] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

32. Commit 93a4ef9fd7af105a840e648fe878893eb5b28ab6 in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=93a4ef9] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine * addressing test issues * fixing error in SSLSocket endpoint validation * addressing Jake's comments * change test to use ArgumentCaptor - thanks Jake\! * check captured argument content (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

33. Commit 93a4ef9fd7af105a840e648fe878893eb5b28ab6 in geode's branch refs/heads/feature/GEODE-8419-backport-1-13 from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=93a4ef9] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine * addressing test issues * fixing error in SSLSocket endpoint validation * addressing Jake's comments * change test to use ArgumentCaptor - thanks Jake\! * check captured argument content (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

34. Bill commented on pull request #5594: URL: https://github.com/apache/geode/pull/5594#issuecomment-704594061 The only failure in CI was RedisTestOpenJDK11. That test runs in CI but the test isn't present on support/1.13 so it's not a showstopper. --- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

35. Bill merged pull request #5594: URL: https://github.com/apache/geode/pull/5594 --- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

36. Commit cf7b9e33a16d2cd8e9883400b44b389833c623b6 in geode's branch refs/heads/support/1.13 from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=cf7b9e3] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine * addressing test issues * fixing error in SSLSocket endpoint validation * addressing Jake's comments * change test to use ArgumentCaptor - thanks Jake\! * check captured argument content (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

37. Commit cf7b9e33a16d2cd8e9883400b44b389833c623b6 in geode's branch refs/heads/support/1.13 from Bruce Schuchardt [https://gitbox.apache.org/repos/asf?p=geode.git;h=cf7b9e3] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) * GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored Configure cipher suites when creating an SSLEngine * addressing test issues * fixing error in SSLSocket endpoint validation * addressing Jake's comments * change test to use ArgumentCaptor - thanks Jake\! * check captured argument content (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

38. Commit 467ee63578b136c4fd58becaaddc2e274138253b in geode's branch refs/heads/feature/GEODE-8419-backport from Bill Burcham [https://gitbox.apache.org/repos/asf?p=geode.git;h=467ee63] GEODE-8419: SSL/TLS protocol and cipher suite configuration is ignored (#5465) Configure cipher suites when creating an SSLEngine (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)

39. Bill commented on pull request #5587: URL: https://github.com/apache/geode/pull/5587#issuecomment-736094657 I'm about to merge this. Since it has sat for almost 8 weeks since the CI run was last completed, I rebased it locally to test the build (that passed.) Will wait for this CI build to complete but I won't wait for all the tests to run again before merging. Just wanted to ensure no sneaky conflicts had arisen and it appears that none have. --- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

40. Bill edited a comment on pull request #5587: URL: https://github.com/apache/geode/pull/5587#issuecomment-736094657 I'm about to merge this. Since it has sat for almost 8 weeks since the CI run was last completed, I rebased it locally to test the build (that passed.) Will wait for this CI build to complete but I won't wait for all the tests to run again before merging. Just wanted to ensure no sneaky build errors had arisen and it appears that none have. --- This is an automated message from the Apache Git Service. To respond to the message, please log on to GitHub and use the URL above to go to the specific comment. For queries about this service, please contact Infrastructure at: users@infra.apache.org

41. Bill merged pull request #5587: URL: https://github.com/apache/geode/pull/5587 ----------------------------
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the message, please log on to GitHub and use the URL above to go to the specific comment. For queries
about this service, please contact Infrastructure at: users@infra.apache.org
42. Commit a6f3ea2f47b5d22410c96293794f62440b79edf4 in geode's branch refs/heads/support/1.12 from
Bill Burcham [https://gitbox.apache.org/repos/asf?p=geode.git;h=a6f3ea2] GEODE-8419: SSL/TLS
protocol and cipher suite configuration is ignored (#5465) Configure cipher suites when creating an
SSLEngine (cherry picked from commit 537721ff815cf40eff85fde65db9b5e787471c89)