

```

1  "C:\Program Files\Amazon Corretto\jdk11.0.16_8\bin\java.exe" -ea
   -Didea.test.cyclic.buffer.size=1048576 "-javaagent:C:\dev\IntelliJ IDEA Community
   Edition 2022.2.1\lib\idea_rt.jar=55851:C:\dev\IntelliJ IDEA Community Edition
   2022.2.1\bin" -Dfile.encoding=UTF-8
   @C:\Users\punryy\AppData\Local\Temp\1\idea_arg_file748156781
   com.intellij.rt.junit.JUnitStarter -ideVersion5 -junit5
   com.nasdaq.nv.testcases.functional.clearing.cm.app.TcCollateralValuationEvaluation, testCo
   llateralValuationPerInst
2  Loading resource from:
   C:\dev\Project\test-sau\ptp-sau-tests\src\main\resources\application.properties
3  Sep 27, 2022 8:08:04 PM org.junit.platform.launcher.core.DefaultLauncher handleThrowable
4  WARNING: TestEngine with ID 'junit-vintage' failed to discover tests
5  org.junit.platform.commons.JUnitException: Unsupported version of junit:junit: 4.11.
   Please upgrade to version 4.12 or later.
6      at
       org.junit.vintage.engine.JUnit4VersionCheck.checkSupported(JUnit4VersionCheck.java:39
       )
7      at
       org.junit.vintage.engine.JUnit4VersionCheck.checkSupported(JUnit4VersionCheck.java:32
       )
8      at org.junit.vintage.engine.VintageTestEngine.discover(VintageTestEngine.java:61)
9      at
       org.junit.platform.launcher.core.DefaultLauncher.discoverEngineRoot(DefaultLauncher.j
       ava:177)
10     at
       org.junit.platform.launcher.core.DefaultLauncher.discoverRoot(DefaultLauncher.java:16
       4)
11     at org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:128)
12     at
       com.intellij.junit5.JUnit5IdeaTestRunner.startRunnerWithArgs(JUnit5IdeaTestRunner.jav
       a:57)
13     at com.intellij.rt.junit.IdeaTestRunner$Repeater$1.execute(IdeaTestRunner.java:38)
14     at com.intellij.rt.execution.junit.TestsRepeater.repeat(TestsRepeater.java:11)
15     at
       com.intellij.rt.junit.IdeaTestRunner$Repeater.startRunnerWithArgs(IdeaTestRunner.java
       :35)
16     at com.intellij.rt.junit.JUnitStarter.prepareStreamsAndStart(JUnitStarter.java:235)
17     at com.intellij.rt.junit.JUnitStarter.main(JUnitStarter.java:54)
18
19  Loading resource from: C:\dev\Project\test-sau\ptp-sau-tests\config.properties
20  Loading resource from: C:\dev\Project\test-sau\ptp-sau-tests\config.properties
21  Init SshSession
22  1 : 2022-09-27 20.08.05.335 <3> : : Message : : Init SshSession
23  Ssh session created for host sel0tdetdwl209 with user omex_sys_ptp
24  2 : 2022-09-27 20.08.05.343 <3> : : Message : : Ssh session created for host
   sel0tdetdwl209 with user omex_sys_ptp
25  SLF4J: Class path contains multiple SLF4J bindings.
26  SLF4J: Found binding in
   [jar:file:/C:/dev/.m2/repository/org/slf4j/slf4j-simple/1.7.10/slf4j-simple-1.7.10.jar!/o
   rg/slf4j/impl/StaticLoggerBinder.class]
27  SLF4J: Found binding in
   [jar:file:/C:/dev/.m2/repository/org/slf4j/slf4j-log4j12/1.6.4/slf4j-log4j12-1.6.4.jar!/o
   rg/slf4j/impl/StaticLoggerBinder.class]
28  SLF4J: Found binding in
   [jar:file:/C:/dev/.m2/repository/org/apache/logging/log4j/log4j-slf4j-impl/2.17.1/log4j-s
   lf4j-impl-2.17.1.jar!/org/slf4j/impl/StaticLoggerBinder.class]
29  SLF4J: See http://www.slf4j.org/codes.html#multiple\_bindings for an explanation.
30  SLF4J: Actual binding is of type [org.slf4j.impl.SimpleLoggerFactory]
31  [main] INFO net.schmizz.sshj.transport.random.BouncyCastleRandom - Generating random
   seed from SecureRandom.
32  3 : 2022-09-27 20.08.05.899 <2> : : WARNING : : Disabling host key verification for
   host sel0tdetdwl209 and user omex_sys_ptp
33  [main] INFO net.schmizz.sshj.transport.TransportImpl - Client identity string:
   SSH-2.0-SSHJ_0.27.0
34  [main] INFO net.schmizz.sshj.transport.TransportImpl - Server identity string:
   SSH-2.0-OpenSSH_7.4
35  SSH Session connected to host sel0tdetdwl209 with user omex_sys_ptp
36  4 : 2022-09-27 20.08.10.085 <3> : : Message : : SSH Session connected to host
   sel0tdetdwl209 with user omex_sys_ptp

```

```
37 cat: /opt/omex/ptp/ptp/config/kit_info.txt: No such file or directory
38 Will send command amsc OMEX_BUSINESS_DATE
39 NVS session created for host: sel0tdetdwl209, user: NVS, port: 30010, password: passwd
40 6 : 2022-09-27 20.08.15.387 <3> : : Message : : NVS session created for host:
    sel0tdetdwl209, user: NVS, port: 30010, password: passwd
41 Sending: NvsRdmQuery
42 ReferenceDataToolbox loaded 8 markets in 2 s 481 ms
43 ReferenceDataToolbox loaded 8 markets in 2 s 481 ms
44 8 : 2022-09-27 20.08.17.876 <3> : : Message : : ReferenceDataToolbox loaded 8 markets
    in 2 s 481 ms
45 Sending: NvsRdmQuery
46 ReferenceDataToolbox loaded 36 instrument types in 586 ms
47 ReferenceDataToolbox loaded 36 instrument types in 586 ms
48 10 : 2022-09-27 20.08.18.464 <3> : : Message : : ReferenceDataToolbox loaded 36
    instrument types in 586 ms
49 Sending: NvsRdmQuery
50 Sending: NvsRdmQuery
51 Sending: NvsRdmQuery
52 ReferenceDataToolbox loaded 890 instrument classes in 2 s 701 ms
53 ReferenceDataToolbox loaded 890 instrument classes in 2 s 701 ms
54 14 : 2022-09-27 20.08.21.166 <3> : : Message : : ReferenceDataToolbox loaded 890
    instrument classes in 2 s 701 ms
55 Sending: NvsRdmQuery
56 Sending: NvsRdmQuery
57 ReferenceDataToolbox loaded 890 instrument series in 22 s 264 ms
58 ReferenceDataToolbox loaded 890 instrument series in 22 s 264 ms
59 17 : 2022-09-27 20.08.43.431 <3> : : Message : : ReferenceDataToolbox loaded 890
    instrument series in 22 s 264 ms
60 ReferenceDataToolbox built the cache in 28 s 85 ms
61 ReferenceDataToolbox built the cache in 28 s 85 ms
62 18 : 2022-09-27 20.08.43.457 <3> : : Message : : ReferenceDataToolbox built the cache
    in 28 s 85 ms
63 SeriesTradeableFilter filtered out 786 items of total 890
64 SeriesExpiryDateFilter filtered out 772 items of total 786
65 SeriesLastTradingDateFilter filtered out 772 items of total 772
66 SeriesFirstTradingDateFilter filtered out 772 items of total 772
67 SeriesInstTypeFilter filtered out 193 items of total 772
68 24 : 2022-09-27 20.08.46.410 <2> : : BACKEND : : Backend: sel0tdetdwl209
69 25 : 2022-09-27 20.08.46.410 <2> : : KITS : : Installed Kits: Customization=N/A,
    Build=N/A,      BAS      6.0.18.155 gd5993b,      ETR      6.0.18.155 gd5993b,
    OMN      6.0.18.208 g4665d5,      SCE      6.0.18.155 gd5993b,      GO
    6.0.18.208 g4665d5,      GEN      6.0.18.208 g4665d5,      DSF      6.0.18.155
    gd5993b,      SU      6.0.18.157 g1855df,      CS      6.0.18.155,      CX
    6.0.18.160 gd6eaa6,      RDM      6.0.18.188 gc13544,      SE      6.0.18.178
    gac148e,      WS      6.0.18.195 g8fe802,      CL      6.0.18.168 gd6c303,
    API      6.0.18.208 g4665d5,      CM      6.0.18.169 g7b8ee4,      GW
    6.0.18.235 g938a7a,      LAB      6.0.18.155 g5f6e63,      DD      6.0.18.153,
    TO      6.0.18.153,      NVS      6.0.18.156,      PS      6.0.18.174 g846bde,
    RD      6.0.18.162 g7422e1,      RM      6.0.18.155 g62c130,      PRV
    6.0.18.210 g43e647,      PTP-TEST 6.0.18.210,      CL-EXT 6.0.18.226,      CM-EXT
    6.0.18.226,      CX-EXT 6.0.18.226,      GO-EXT 6.0.18.226,      GWX
    6.0.18.226 gad25aa,      PS-EXT 6.0.18.226,      RD-EXT 6.0.18.226,      RDM-EXT
    6.0.18.226,      SE-EXT 6.0.18.226,      WS-EXT 6.0.18.226,
70 Will send command amsc OMEX_BUSINESS_DATE
71 Loaded session: om.omexus.common.ssh.SSHSession@3727f0ee
72 27 : 2022-09-27 20.08.47.427 <3> : : Message : : Loaded session:
    om.omexus.common.ssh.SSHSession@3727f0ee
73 Sending: FB10011 subscription
74 Sending: FQ2070
75 list-----> :: com.nasdaq.api.ptp.cm.messages.FA2070@46185a1b[
76   answerCollateral=com.nasdaq.api.ptp.cm.structures.AnswerCollateral@fd9ebde[
77   transactionType=com.nasdaq.api.ptp.common.structures.TransactionType@14982a82[
78   centralModule=F
79   serverType=A
80   transactionNumber=2070
81 ]
82   segmentNumber=0
83   items=2
84 ]
```

```

85     fa2070Item=[com.nasdaq.api.ptp.cm.structures.FA2070Item@323f3c96[
86     runInfo=com.nasdaq.api.ptp.cm.structures.RunInfo@290d10ef[
87     batchRunId=5956
88     requestNbr=21
89     marginSequenceNbr=0
90     valuationDate={2,0,2,2,0,7,0,6}
91     createdAt={2,0,2,2,0,9,0,9}
92     createdTime={0,9,0,2,3,9}
93     marginDate={2,0,2,2,0,7,0,6}
94     marginTime={0,0,0,0,0,0}
95     clhId={S,A,U, , , , , , , , }
96     collateralEvaluationType=4
97     createDirectDebit=2
98     intradayEvaluation=1
99     isFinal=0
100 ]
101     collValPerSeries=<null>
102     collValPerSeriesBaseCur=<null>
103     securityNse=<null>
104     collateralValueNse=<null>
105 ], com.nasdaq.api.ptp.cm.structures.FA2070Item@62e93c3a[
106     runInfo=<null>
107     collValPerSeries=com.nasdaq.api.ptp.cm.structures.CollValPerSeries@673919a7[
108     collateralAccount=com.nasdaq.api.ptp.common.structures.Account@25d93198[
109     countryId={S,A}
110     exCustomer={0,0,1, , }
111     accountId={C,C,O,H,0,0,0,0,0,1, , , , , , }
112 ]
113     marginAccount=com.nasdaq.api.ptp.common.structures.Account@4c777e7b[
114     countryId={S,A}
115     exCustomer={0,0,1, , }
116     accountId={C,C,O,H,0,0,0,0,0,1, , , , , , }
117 ]
118     series=com.nasdaq.api.ptp.common.structures.Series@59f93db8[
119     country=101
120     market=1
121     instrumentGroup=8
122     modifier=0
123     commodity=260
124     expirationDate=0
125     strikePrice=0
126 ]
127     currency=com.nasdaq.api.ptp.common.structures.Series@1aabf50d[
128     country=255
129     market=255
130     instrumentGroup=255
131     modifier=0
132     commodity=100
133     expirationDate=0
134     strikePrice=0
135 ]
136     collateralAmount=10000
137     marketValue=103980000
138     collValueInsCurBeforeLimitAdjust=83184000
139     collValueInsCurAfterLimitAdjust=9047400
140     exRate=1000000
141     collValueInsCurAfterSerLimitAdjust=42807000
142     collateralPrice=10398
143     percentageAfterHaircut=800000
144     vagId={E,Q,U,I,T,Y, , , , , , }
145     decInRate=6
146     decInAmount=0
147     decInCollateralPrice=2
148     isinCode={S,A,0,0,0,7,8,7,9,0,5,5}
149     issuer={1,0,2,0, , }
150     collateralType=6
151     isCashCollateral=2
152 ]
153

```

```

collValPerSeriesBaseCur=com.nasdaq.api.ptp.cm.structures.CollValPerSeriesBaseCur@582a76
4a[
154 baseCurrency=com.nasdaq.api.ptp.common.structures.Series@64984b0f[
155 country=255
156 market=255
157 instrumentGroup=255
158 modifier=0
159 commodity=100
160 expirationDate=0
161 strikePrice=0
162 ]
163 collValueBaseCurrBeforeLimitAdjust=83184000
164 collValueBaseCurrAfterLimitAdjust=9047400
165 collValueBaseCurAfterSerLimitAdjust=42807000
166 seriesLimit=50
167 ]
168 securityNse=<null>
169 collateralValueNse=<null>
170 ]]
171 ]
172 FA2070 :: com.nasdaq.api.ptp.cm.messages.FA2070@46185a1b[
173 answerCollateral=com.nasdaq.api.ptp.cm.structures.AnswerCollateral@fd9ebde[
174 transactionType=com.nasdaq.api.ptp.common.structures.TransactionType@14982a82[
175 centralModule=F
176 serverType=A
177 transactionNumber=2070
178 ]
179 segmentNumber=0
180 items=2
181 ]
182 fa2070Item=[com.nasdaq.api.ptp.cm.structures.FA2070Item@323f3c96[
183 runInfo=com.nasdaq.api.ptp.cm.structures.RunInfo@290d10ef[
184 batchRunId=5956
185 requestNbr=21
186 marginSequenceNbr=0
187 valuationDate={2,0,2,2,0,7,0,6}
188 createdDate={2,0,2,2,0,9,0,9}
189 createdTime={0,9,0,2,3,9}
190 marginDate={2,0,2,2,0,7,0,6}
191 marginTime={0,0,0,0,0,0}
192 clhId={S,A,U, , , , , , , , }
193 collateralEvaluationType=4
194 createDirectDebit=2
195 intradayEvaluation=1
196 isFinal=0
197 ]
198 collValPerSeries=<null>
199 collValPerSeriesBaseCur=<null>
200 securityNse=<null>
201 collateralValueNse=<null>
202 ], com.nasdaq.api.ptp.cm.structures.FA2070Item@62e93c3a[
203 runInfo=<null>
204 collValPerSeries=com.nasdaq.api.ptp.cm.structures.CollValPerSeries@673919a7[
205 collateralAccount=com.nasdaq.api.ptp.common.structures.Account@25d93198[
206 countryId={S,A}
207 exCustomer={0,0,1, , }
208 accountId={C,C,O,H,0,0,0,0,0,1, , , , , , }
209 ]
210 marginAccount=com.nasdaq.api.ptp.common.structures.Account@4c777e7b[
211 countryId={S,A}
212 exCustomer={0,0,1, , }
213 accountId={C,C,O,H,0,0,0,0,0,1, , , , , , }
214 ]
215 series=com.nasdaq.api.ptp.common.structures.Series@59f93db8[
216 country=101
217 market=1
218 instrumentGroup=8
219 modifier=0
220 commodity=260

```

```

221     expirationDate=0
222     strikePrice=0
223 ]
224     currency=com.nasdaq.api.ptp.common.structures.Series@1aabf50d[
225     country=255
226     market=255
227     instrumentGroup=255
228     modifier=0
229     commodity=100
230     expirationDate=0
231     strikePrice=0
232 ]
233     collateralAmount=10000
234     marketValue=103980000
235     collValueInsCurBeforeLimitAdjust=83184000
236     collValueInsCurAfterLimitAdjust=9047400
237     exRate=1000000
238     collValueInsCurAfterSerLimitAdjust=42807000
239     collateralPrice=10398
240     percentageAfterHaircut=800000
241     vagId={E,Q,U,I,T,Y, , , , , }
242     decInRate=6
243     decInAmount=0
244     decInCollateralPrice=2
245     isinCode={S,A,0,0,0,7,8,7,9,0,5,5}
246     issuer={1,0,2,0, , }
247     collateralType=6
248     isCashCollateral=2
249 ]
250
251     collValPerSeriesBaseCur=com.nasdaq.api.ptp.cm.structures.CollValPerSeriesBaseCur@582a76
252     4a[
253     baseCurrency=com.nasdaq.api.ptp.common.structures.Series@64984b0f[
254     country=255
255     market=255
256     instrumentGroup=255
257     modifier=0
258     commodity=100
259     expirationDate=0
260     strikePrice=0
261 ]
262     collValueBaseCurrBeforeLimitAdjust=83184000
263     collValueBaseCurrAfterLimitAdjust=9047400
264     collValueBaseCurAfterSerLimitAdjust=42807000
265     seriesLimit=50
266 ]
267     securityNse=<null>
268     collateralValueNse=<null>
269 ]]
270 ]
271 30 : 2022-09-27 20.08.47.984 <3> : : Message : : FA2070 ::
272 com.nasdaq.api.ptp.cm.messages.FA2070@46185a1b[
273     answerCollateral=com.nasdaq.api.ptp.cm.structures.AnswerCollateral@fd9ebde[
274     transactionType=com.nasdaq.api.ptp.common.structures.TransactionType@14982a82[
275     centralModule=F
276     serverType=A
277     transactionNumber=2070
278 ]
279 ]
280     segmentNumber=0
281     items=2
282 ]
283     fa2070Item=[com.nasdaq.api.ptp.cm.structures.FA2070Item@323f3c96[
284     runInfo=com.nasdaq.api.ptp.cm.structures.RunInfo@290d10ef[
285     batchRunId=5956
286     requestNbr=21
287     marginSequenceNbr=0
288     valuationDate={2,0,2,2,0,7,0,6}
289     createdDate={2,0,2,2,0,9,0,9}
290     createdTime={0,9,0,2,3,9}

```

```

287     marginDate={2,0,2,2,0,7,0,6}
288     marginTime={0,0,0,0,0,0}
289     clhId={S,A,U, , , , , , , , }
290     collateralEvaluationType=4
291     createDirectDebit=2
292     intradayEvaluation=1
293     isFinal=0
294 ]
295     collValPerSeries=<null>
296     collValPerSeriesBaseCur=<null>
297     securityNse=<null>
298     collateralValueNse=<null>
299 ], com.nasdaq.api.ptp.cm.structures.FA2070Item@62e93c3a[
300     runInfo=<null>
301     collValPerSeries=com.nasdaq.api.ptp.cm.structures.CollValPerSeries@673919a7[
302     collateralAccount=com.nasdaq.api.ptp.common.structures.Account@25d93198[
303     countryId={S,A}
304     exCustomer={0,0,1, , }
305     accountId={C,C,O,H,0,0,0,0,0,1, , , , , , }
306 ]
307     marginAccount=com.nasdaq.api.ptp.common.structures.Account@4c777e7b[
308     countryId={S,A}
309     exCustomer={0,0,1, , }
310     accountId={C,C,O,H,0,0,0,0,0,1, , , , , , }
311 ]
312     series=com.nasdaq.api.ptp.common.structures.Series@59f93db8[
313     country=101
314     market=1
315     instrumentGroup=8
316     modifier=0
317     commodity=260
318     expirationDate=0
319     strikePrice=0
320 ]
321     currency=com.nasdaq.api.ptp.common.structures.Series@1aabf50d[
322     country=255
323     market=255
324     instrumentGroup=255
325     modifier=0
326     commodity=100
327     expirationDate=0
328     strikePrice=0
329 ]
330     collateralAmount=10000
331     marketValue=103980000
332     collValueInsCurBeforeLimitAdjust=83184000
333     collValueInsCurAfterLimitAdjust=9047400
334     exRate=1000000
335     collValueInsCurAfterSerLimitAdjust=42807000
336     collateralPrice=10398
337     percentageAfterHaircut=800000
338     vagId={E,Q,U,I,T,Y, , , , , , }
339     decInRate=6
340     decInAmount=0
341     decInCollateralPrice=2
342     isinCode={S,A,0,0,0,7,8,7,9,0,5,5}
343     issuer={1,0,2,0, , }
344     collateralType=6
345     isCashCollateral=2
346 ]
347
348     collValPerSeriesBaseCur=com.nasdaq.api.ptp.cm.structures.CollValPerSeriesBaseCur@582a76
349     4a[
350     baseCurrency=com.nasdaq.api.ptp.common.structures.Series@64984b0f[
351     country=255
352     market=255
353     instrumentGroup=255
354     modifier=0
355     commodity=100

```

```
354     expirationDate=0
355     strikePrice=0
356 ]
357     collValueBaseCurrBeforeLimitAdjust=83184000
358     collValueBaseCurrAfterLimitAdjust=9047400
359     collValueBaseCurAfterSerLimitAdjust=42807000
360     seriesLimit=50
361 ]
362     securityNse=<null>
363     collateralValueNse=<null>
364 ]]
365 ]
366 Run after each test
367 31 : 2022-09-27 20.08.47.986 <3> : : Message : : Run after each test
368 Closing NVS session
369 32 : 2022-09-27 20.08.47.990 <4> : : Info : : Closing NVS session
370 Wait for NVS to finish processing
371 33 : 2022-09-27 20.08.47.990 <3> : : Message : : Wait for NVS to finish processing
372 Waiting... 5 seconds left.
373 34 : 2022-09-27 20.08.47.991 <3> : : Message : : Waiting... 5 seconds left.
374 Closing NVS session
375 35 : 2022-09-27 20.08.53.022 <3> : : Message : : Closing NVS session
376 Closing SSH Session to backend
377 36 : 2022-09-27 20.08.53.022 <3> : : Message : : Closing SSH Session to backend
378 ProactivelyLogOut: true
379 37 : 2022-09-27 20.08.53.022 <3> : : Message : : ProactivelyLogOut: true
380 Reconnect triggered on lastSequenceNumber: 23523
381 38 : 2022-09-27 20.08.53.027 <3> : : Message : : Reconnect triggered on
lastSequenceNumber: 23523
382 [main] INFO net.schmizz.sshj.transport.TransportImpl - Disconnected - BY_APPLICATION
383 Logout SSH Session
384 39 : 2022-09-27 20.08.53.363 <3> : : Message : : Logout SSH Session
385 Disconnecting TcCollateralValuationEvaluation
386 40 : 2022-09-27 20.08.53.363 <4> : TcCollateralValuationEvaluation : Info : :
Disconnecting TcCollateralValuationEvaluation
387 Disconnection of TcCollateralValuationEvaluation completed
388 41 : 2022-09-27 20.08.53.363 <4> : TcCollateralValuationEvaluation : Info : :
Disconnection of TcCollateralValuationEvaluation completed
389
390 Process finished with exit code 0
391
```