Server schema versions supported:
  1.3.1.1
  1.4.1.1

Server capabilities for schema version 1.4.1.1:

<capServers xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
version="1.4.1">
  <capServer apiVers="1.4.1">
    <contact>
      <name>Laversab</name>
      <email>EDRsupport@laversab.com</email>
      <phone>+1(281)325-8300</phone>
    </contact>
    <name>WITSML server</name>
    <description>Laversab WITSML Server Copyright 2017-2020</description>
    <vendor>Laversab</vendor>
    <version>5.3</version>
    <schemaVersion>1.4.1.1</schemaVersion>
    <changeDetectionPeriod>10</changeDetectionPeriod>
    <maxRequestLatestValues>720</maxRequestLatestValues>
    <growingTimeoutPeriod dataObject="log">20</growingTimeoutPeriod>
    <growingTimeoutPeriod dataObject="mudLog">20</growingTimeoutPeriod>
    <growingTimeoutPeriod dataObject="trajectory">20</growingTimeoutPeriod>
    <cascadedDelete>true</cascadedDelete>
    <supportUomConversion>false</supportUomConversion>
    <compressionMethod>none</compressionMethod>
    <function name="WMLS_GetCap">
      <dataObject>capServer</dataObject>
    </function>
    <function name="WMLS_GetFromStore">
      <dataObject>changeLog</dataObject>
      <dataObject maxDataNodes="10000" maxDataPoints="10000">log</dataObject>
      <dataObject maxDataNodes="10000">mudLog</dataObject>
      <dataObject maxDataNodes="10000">trajectory</dataObject>
      <dataObject>well</dataObject>
      <dataObject>wellbore</dataObject>
    </function>
    <function name="WMLS_AddToStore">
      <dataObject maxDataNodes="10000">mudLog</dataObject>
      <dataObject maxDataNodes="10000">trajectory</dataObject>
      <dataObject>well</dataObject>
      <dataObject>wellbore</dataObject>
    </function>
  </capServer>
</capServers>
Results Summary
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Script: testsuite (Duration: 271.85 sec)
  Script: test1a Pass (Duration: 0.78 sec)
    Partial Pass: Selection by 'uid' succeeded
    Partial Pass: Selection by 'name' succeeded
    Partial Pass: Selection by 'dTimLastChange' succeeded
    Partial Pass: Newer well included in results of query by dTimLastChange
    Partial Pass: Older well not included in results of query by dTimLastChange
  Script: test1b Pass (Duration: 0.39 sec)
    Partial Pass: Selection by 'numAPI' succeeded
  Script: test1c Pass (Duration: 0.36 sec)
    Partial Pass: Selection by 'numGovt' succeeded
  Script: test2 Pass (Duration: 0.17 sec)
    Partial Pass: '1.4.1.x' exists in the returned string
  Script: test3 Pass (Duration: 0.17 sec)
    Partial Pass: correct apiVers returned
  Script: test4 Pass (Duration: 0.16 sec)
    Partial Pass: correct version returned
Script:test5 Pass (Duration:0.53 sec)
Partial Pass: Server supports case-insensitive comparisons

Script:test8 Pass (Duration:0.63 sec)
Partial Pass: Server supports requesting data subset for a point index object

Script:test9a Pass (Duration:0.44 sec)
Partial Pass: Server returned a log whose content is consistent
Partial Pass: Server returned a log whose content is consistent
Partial Pass: Server returned a subset of log data rows as expected.

Script:test9b Pass (Duration:0.41 sec)
Partial Pass: Server returned a log whose content is consistent
Partial Pass: Server returned a subset of log data rows as expected.
Partial Pass: Server returned a log whose content is consistent

Script:test10 Pass (Duration:0.17 sec)
Partial Pass: Server returned the expected log Curve mnemonics.

Script:test11 Pass (Duration:0.20 sec)
Partial Pass: Server supports the item ObjectGrowing and returns only logs that are growing

Script:test14 Pass (Duration:0.41 sec)
Partial Pass: The dTimLastChange in the well object matches the dTimChange in the latest changeHistory of the changeLog.

Script:test15 Pass (Duration:0.20 sec)
Partial Pass: Single well was returned
Partial Pass: uid returned
Partial Pass: name returned
Partial Pass: dTimLastChange returned
Partial Pass: Minimum attributes and elements returned for requestObjectSelectionCapability met

Script:test16 Pass (Duration:0.18 sec)

Script:test17 Pass (Duration:0.16 sec)
Partial Pass: Data schema versions are returned in order from oldest to newest.
Script:test18  Pass  (Duration:0.56 sec)  
Partial Pass: Server constrains GetFromStore requests according to maxReturnNodes  
Script:test20  Pass  (Duration:0.80 sec)  
Partial Pass: Server did return a well with a newer dTimLastChange  
Partial Pass: Server did not return a well with a matching dTimLastChange  
Partial Pass: Server did not return a well with an older dTimLastChange  
Script:test21  Pass  (Duration:2.77 sec)  
Partial Pass: Server preserves uid case for AddToStore  
Script:test22  Pass  (Duration:5.97 sec)  
Partial Pass: DeleteFromStore with cascadedDelete succeeded.  
Partial Pass: Well has been cascadeDeleted  
Partial Pass: Wellbore has been cascadeDeleted  
Partial Pass: Log has been cascadeDeleted  
Script:test23  Pass  (Duration:0.29 sec)  
Partial Pass: GetFromStore optionsIn id-only is supported for a Trajectory  
Script:test24a  Pass  (Duration:0.36 sec)  
Partial Pass: SQ-010 and SQ-015 indexes match  
Partial Pass: SQ-015 logData indexes are consistent with startIndex and endIndex  
Script:test24b  Pass  (Duration:0.39 sec)  
Partial Pass: minIndex and maxIndex match from both queries  
Partial Pass: SQ-015 logData indexes are consistent with SQ-010 minIndex and maxIndex  
Script:test25a  Pass  (Duration:0.51 sec)  
Partial Pass: Return code +2 received  
Partial Pass: startIndex matches in the two queries  
Partial Pass: endIndex in second query is smaller than endIndex in first query  
Partial Pass: Server did not return more points than maxDataPoints  
Script:test25b  Pass  (Duration:0.77 sec)  
Partial Pass: Return code +2 received  
Partial Pass: startIndex matches in the two queries  
Partial Pass: endIndex in second query is smaller than endIndex in first query
endIndex in first query
  Partial Pass: Server did not return more nodes than maxDataNodes
  Partial Pass: Server truncated data correctly
Script:test25c  Pass (Duration:0.70 sec)
  Partial Pass: Return code +2 received
  Partial Pass: startDateDateTimeIndex matches in the two queries
  Partial Pass: endDateDateTimeIndex in second query is earlier than endIndex in first query
  Partial Pass: Server did not return more points than maxDataPoints
  Partial Pass: Server truncated data correctly
Script:test25d  Pass (Duration:0.79 sec)
  Partial Pass: Return code +2 received
  Partial Pass: startDateDateTimeIndex matches in the two queries
  Partial Pass: endDateDateTimeIndex in second query is earlier than endIndex in first query
  Partial Pass: Server did not return more nodes than maxDataNodes
  Partial Pass: Server truncated data correctly
Script:test26  Pass (Duration:0.74 sec)
  Partial Pass: WMLS_AddToStore succeeded well
  Partial Pass: WMLS_GetFromStore succeeded
  Partial Pass: Object retrieved matches object loaded
Script:test27  Pass (Duration:0.77 sec)
  Partial Pass: retrieved well name
  Partial Pass: WMLS_AddToStore succeeded wellbore
  Partial Pass: WMLS_GetFromStore succeeded
  Partial Pass: Object retrieved matches object loaded
Script:test30  Pass (Duration:1.02 sec)
  Partial Pass: retrieved well/wellbore name
  Partial Pass: WMLS_AddToStore succeeded log
  Partial Pass: WMLS_GetFromStore succeeded log
  Partial Pass: Object retrieved matches object loaded
Script:test32  Pass (Duration:0.87 sec)
  Partial Pass: retrieved well/wellbore name
  Partial Pass: WMLS_AddToStore succeeded trajectory
  Partial Pass: WMLS_GetFromStore succeeded trajectory
  Partial Pass: Object retrieved matches object loaded
Script:test34  Pass (Duration:0.90 sec)
  Partial Pass: retrieved well/wellbore name
  Partial Pass: WMLS_AddToStore succeeded mudLog
  Partial Pass: WMLS_GetFromStore succeeded mudLog
Partial Pass: Object retrieved matches object loaded
Script:test56 Pass (Duration:0.41 sec)

Partial Pass: AddToStore succeeded
Partial Pass: Server generate uid for new well
Partial Pass: One well returned and uid is ok
Script:test57 Pass (Duration:0.21 sec)

Partial Pass: Have more than 1 wellbore under desired well
Partial Pass: All mandatory properties exist in all wellbores
Partial Pass: All wellbores have the correct uidWell
Script:test59 Pass (Duration:0.67 sec)

Partial Pass: Received change history entry for well
Partial Pass: Received change history entry for wellbore
Partial Pass: Server supports SQ-017 What has been added to the server since a specified time
Script:test60 Pass (Duration:4.32 sec)

Partial Pass: Received change history entry for well
Script:test61 Pass (Duration:14.30 sec)

Partial Pass: The correct changeLog object received
Partial Pass: Two 'update' changeHistory entries received
Partial Pass: dTimChange of first changeHistory entry is correct
Partial Pass: dTimChange of second changeHistory entry is correct
Script:test62 Pass (Duration:0.16 sec)

Partial Pass: growingTimeoutPeriod is defined in the GetCap response for log
Script:test63 Pass (Duration:0.16 sec)

Partial Pass: growingTimeoutPeriod is defined in the GetCap response for mudLog
Script:test64 Pass (Duration:0.17 sec)

Partial Pass: growingTimeoutPeriod is defined in the GetCap response for trajectory
Script:test65a Pass (Duration:1.64 sec)

Partial Pass: Server ignored attempt to change dTimCreation.
Script:test65b Pass (Duration:1.68 sec)

Partial Pass: Server did not modify dTimCreation upon updates to a well object.
Script:test66 Pass (Duration:1.39 sec)
Partial Pass: The server ignores attempts to change objectGrowing.

Script:test67 Pass (Duration:0.40 sec)

Partial Pass: dTimCreation set within the last 10 minutes

Script:test68 Pass (Duration:0.48 sec)

Partial Pass: Server returned growing trajectory
Partial Pass: Server did not return non-growing trajectory

Script:test69 Pass (Duration:0.16 sec)

Partial Pass: Server does register support for ChangeLog object

Script:test70 Pass (Duration:0.38 sec)

Partial Pass: nameWell in changeLog is correct
Partial Pass: nameWellbore in changeLog is correct
Partial Pass: nameObject in changeLog is correct
Partial Pass: uidWell in changeLog is correct
Partial Pass: uidWellbore in changeLog is correct
Partial Pass: uidObject in changeLog is correct

Script:test71 Pass (Duration:0.20 sec)

Partial Pass: Latest changeType matches latest entry in changeHistory
Partial Pass: Latest changeInfo matches latest entry in changeHistory
Partial Pass: LastChangeType and lastChangeInfo match latest changeType and changeInfo in changeHistory

Script:test72 Pass (Duration:1.86 sec)

Partial Pass: Add to store succeeded
Partial Pass: Clearing range for curve is based on curve data received in update

Script:test73 Pass (Duration:0.90 sec)

Partial Pass: trajectory objects received
Partial Pass: All required elements are included
Partial Pass: trajectoryStation is not included

Script:test76a Pass (Duration:0.38 sec)

Partial Pass: GetFromStore (requestLatestValues = 1) returned successfully.
Partial Pass: log_verify_check_requestLatestValue_header_and_data returned successfully.
Partial Pass: GetFromStore header-only returned successfully.
Partial Pass: log_verify_check_log_header_only returned successfully.
successfully.

Partial Pass: Server returned the correct maxDateTimeIndex for each curve between queries

Script:test76b  Pass (Duration:0.60 sec)

Partial Pass: Add to store succeeded

Partial Pass: Server returned the latest values for each curve

Script:test77  Pass (Duration:0.20 sec)

Partial Pass: Server returned one value for each curve

Partial Pass: maxRequestLatestValues is included in response.

Partial Pass: maxRequestLatestValues is greater or equal to 1

Script:test78  Pass (Duration:34.00 sec)

Partial Pass: ObjectGrowing stays false when a new log is added

Partial Pass: ObjectGrowing is set to true when new row is added to a curve with index value greater than original

Partial Pass: ObjectGrowing returns to false after growingTimeoutPeriod has elapsed.

Partial Pass: The server supports growingTimeoutPeriod for Logs.

Script:test79a  Pass (Duration:61.26 sec)

Partial Pass: ObjectGrowing stays false when adding a new log

Partial Pass: ObjectGrowing stays false when adding a new curve to an existing log

Partial Pass: ObjectGrowing stays false when the interior portion of the log is updated

Partial Pass: ObjectGrowing stays false when updating the logCurveInfo for one of the curves.

Partial Pass: Append behavior for ObjectGrowing functionality for logs has been verified

Script:test79b  Pass (Duration:36.61 sec)

Partial Pass: ObjectGrowing stays false when adding a new log

Partial Pass: ObjectGrowing stays false when deleting a curve of an existing log

Partial Pass: ObjectGrowing stays false when deleting a row from a log

Partial Pass: Delete behavior for ObjectGrowing functionality for logs has been verified
Script:test80                         Pass  (Duration:36.72 sec)
  Partial Pass:  ObjectGrowing stays false when adding a new trajectory with a trajectoryStation
  Partial Pass:  ObjectGrowing stays false when updating a trajectory station
  Partial Pass:  ObjectGrowing turns true when adding a new trajectory station
  Partial Pass:  ObjectGrowing functionality for append behaviour of trajectories has been verified.
Script:test81                         Pass  (Duration:7.92 sec)
  Partial Pass:  Add to store succeeded for well with maximum size uid
  Partial Pass:  Add to store succeeded for wellbore with maximum size uid
  Partial Pass:  Add to store succeeded for log with maximum size uid
  Partial Pass:  Maximum uid length supported for well
  Partial Pass:  Maximum uid length supported for wellbore
  Partial Pass:  Maximum uid length supported for log
Script:test81b                        Pass  (Duration:7.98 sec)
  Partial Pass:  Add to store succeeded for well with minimum size uid
  Partial Pass:  Add to store succeeded for wellbore with minimum size uid
  Partial Pass:  Add to store succeeded for log with minimum size uid
  Partial Pass:  Minimum uid length supported for well
  Partial Pass:  Minimum uid length supported for wellbore
  Partial Pass:  Minimum uid length supported for log
Script:test85                         Pass  (Duration:2.14 sec)
  Partial Pass:  Add to store succeeded
  Partial Pass:  Data received after the update is correct
Script:test86                         Pass  (Duration:1.79 sec)
  Partial Pass:  AddToStore succeeds and a uid is returned in SuppMsgOut
  Partial Pass:  The first GetFromStore returns success and returns the expected well.
  Partial Pass:  DeleteFromStore was successful.
  Partial Pass:  The second GetFromStore request returns success and returns no wells.
  Partial Pass:  Server properly deletes an object
Script:test87                         Pass  (Duration:1.87 sec)
  Partial Pass:  Add to store succeeded
  Partial Pass:  One well returned and wells/well/wellDatum/
datumName[@code] is ok
Partial Pass: wells/well/wellDatum/datumName[@code] is deleted

Script:test88 Pass (Duration:2.11 sec)
  Partial Pass: GetFromStore contains a log with all the expected curves.
  Partial Pass: GetFromStore contains a log without deleted curve.
  Partial Pass: The server supports proper deletion of a curve.

Script:test89 Pass (Duration:0.64 sec)
  Partial Pass: AddToStore is successful.
  Partial Pass: GetFromStore is successful.
  Partial Pass: Log is decreasing.
  Partial Pass: minIndex/maxIndex values are being set to the MATHEMATICAL min/max index for a decreasing log.

Script:test90 Pass (Duration:0.23 sec)
  Partial Pass: Expected wellbores in the data model received
  Partial Pass: Only expected attributes and elements received for each wellbore

Script:test91 Pass (Duration:0.20 sec)
  Partial Pass: Correct wellbore was returned
  Partial Pass: Wellbore validates against write schema

Script:test92a Pass (Duration:2.60 sec)
  Partial Pass: Only trajectoryStation are included in each trajectory
  Partial Pass: All mandatory elements and attributes included for all trajectoryStation

Script:test92b Pass (Duration:0.26 sec)
  Partial Pass: Only geologyInterval and parameter are included in each mudLog
  Partial Pass: All mandatory elements and attributes included for all geologyInterval
  Partial Pass: All mandatory elements and attributes included for all parameter

Script:test92c Pass (Duration:0.26 sec)
  Partial Pass: Only logData is included in each log
  Partial Pass: Correct elements included for logData

Script:test93 Pass (Duration:3.83 sec)
  Partial Pass: Only trajectoryStation are included in each trajectory
  Partial Pass: All mandatory elements and attributes
included for all trajectoryStation
Partial Pass: Only station-location-only elements returned in each trajectoryStation
Script: test94a  Pass (Duration: 3.38 sec)
  Partial Pass: WMLS_AddToStore succeeded well
  Partial Pass: GetFromStore changeLogs after Add succeeded
  Partial Pass: changeLogs returned are write schema valid
  Partial Pass: No changeHistory in changeLogs exist, succeed
  Partial Pass: well changeLog with only Add in lastChangeType succeed
  Partial Pass: well changeLog with only add has dTimLastChange succeed
  Partial Pass: UpdateInStore well succeeded
  Partial Pass: GetFromStore changeLogs after Update succeeded
  Partial Pass: changeLogs returned are write schema valid
  Partial Pass: No changeHistory in changeLogs exist, succeed
  Partial Pass: well changeLog with only update in lastChangeType succeed
  Partial Pass: well changeLog with only update has dTimLastChange succeed
  Partial Pass: well changeLog with only update
  dTimLastChange > changeLog with Add succeed
  Partial Pass: DeleteFromStore well succeeded
  Partial Pass: GetFromStore changeLogs after Delete succeeded
  Partial Pass: changeLogs returned are write schema valid
  Partial Pass: No changeHistory in changeLogs exist, succeed
  Partial Pass: well changeLog with only delete in lastChangeType succeed
  Partial Pass: well changeLog with only delete has dTimLastChange succeed
  Partial Pass: well changeLog with only delete
dTimLastChange > changeLog with update succeed
Script: test94b  Pass (Duration: 3.48 sec)
  Partial Pass: WMLS_GetFromStore succeeded well
  Partial Pass: WMLS_AddToStore succeeded wellbore
  Partial Pass: GetFromStore changeLogs after Add succeeded
  Partial Pass: changeLogs returned are write schema valid
  Partial Pass: No changeHistory in changeLogs exist, succeed
  Partial Pass: wellbore changeLog with only Add in lastChangeType succeed
  Partial Pass: wellbore changeLog with only add has dTimLastChange succeed
  Partial Pass: UpdateInStore wellbore succeeded
  Partial Pass: GetFromStore changeLogs after Update succeeded
  Partial Pass: changeLogs returned are write schema valid
Partial Pass: No changeHistory in changeLogs exist, succeed
Partial Pass: wellbore changeLog with only update in
lastChangeType succeed
Partial Pass: wellbore changeLog with only update has
dTimLastChange succeed
Partial Pass: wellbore changeLog with only update
dTimLastChange > changeLog with Update succeed
Partial Pass: DeleteFromStore wellbore succeeded
Partial Pass: GetFromStore changeLogs after Delete
succeeded
Partial Pass: changeLogs returned are write schema valid
Partial Pass: No changeHistory in changeLogs exist, succeed
Partial Pass: wellbore changeLog with only delete in
lastChangeType succeed
Partial Pass: wellbore changeLog with only delete has
dTimLastChange succeed
Partial Pass: wellbore changeLog with only delete
dTimLastChange > changeLog with update succeed
Script: test94c
Pass (Duration: 3.42 sec)
Partial Pass: WMLS_GetFromStore succeeded wellbore
Partial Pass: WMLS_AddToStore succeeded trajectory
Partial Pass: GetFromStore changeLogs after Add succeeded
Partial Pass: changeLogs returned are write schema valid
Partial Pass: No changeHistory in changeLogs exist, succeed
Partial Pass: trajectory changeLog with only add in
lastChangeType succeed
Partial Pass: trajectory changeLog with only add has
dTimLastChange succeed
Partial Pass: UpdateInStore trajectory succeeded
Partial Pass: GetFromStore changeLogs after Update
succeeded
Partial Pass: changeLogs returned are write schema valid
Partial Pass: No changeHistory in changeLogs exist, succeed
Partial Pass: trajectory changeLog with only update in
lastChangeType succeed
Partial Pass: trajectory changeLog with only update has
dTimLastChange succeed
Partial Pass: trajectory changeLog with only update
dTimLastChange > changeLog with Update succeed
Partial Pass: DeleteFromStore trajectory succeeded
Partial Pass: GetFromStore changeLogs after Delete
succeeded
Partial Pass: changeLogs returned are write schema valid
Partial Pass: No changeHistory in changeLogs exist, succeed
Partial Pass: trajectory changeLog with only delete in
lastChangeType succeed
Partial Pass: trajectory changeLog with only delete has
dTimLastChange succeed
Partial Pass: trajectory changeLog with only delete
dTimLastChange > changeLog with update succeed
  Script: test94d   Pass (Duration: 3.48 sec)
  Partial Pass: WMLS_GetFromStore succeeded wellbore
  Partial Pass: WMLS_AddToStore succeeded log
  Partial Pass: GetFromStore changeLogs after Add succeeded
  Partial Pass: changeLogs returned are write schema valid
  Partial Pass: No changeHistory in changeLogs exist, succeed
  Partial Pass: log changeLog with only Add in lastChangeType
  succeeded
  Partial Pass: log changeLog with only add has

  dTimLastChange succeed
  Partial Pass: UpdateInStore log succeeded
  Partial Pass: GetFromStore changeLogs after Update
  succeeded
  Partial Pass: changeLogs returned are write schema valid
  Partial Pass: No changeHistory in changeLogs exist, succeed
  Partial Pass: log changeLog with only update in lastChangeType
  succeeded
  Partial Pass: log changeLog with only update has

  dTimLastChange > changeLog with update succeed
  Partial Pass: DeleteFromStore log succeeded
  Partial Pass: GetFromStore changeLogs after Delete
  succeeded
  Partial Pass: changeLogs returned are write schema valid
  Partial Pass: No changeHistory in changeLogs exist, succeed
  Partial Pass: log changeLog with only delete in lastChangeType
  succeeded
  Partial Pass: log changeLog with only delete has

  dTimLastChange succeed
  Partial Pass: log changeLog with only delete dTimLastChange
  Partial Pass: WMLS_GetFromStore succeeded wellbore
  Partial Pass: WMLS_AddToStore succeeded mudLog
  Partial Pass: GetFromStore changeLogs after Add succeeded
  Partial Pass: changeLogs returned are write schema valid
  Partial Pass: No changeHistory in changeLogs exist, succeed
  Partial Pass: log changeLog with only Add in lastChangeType
  succeeded
  Partial Pass: log changeLog with only add has

  dTimLastChange succeed
  Partial Pass: UpdateInStore mudLog succeeded
  Partial Pass: GetFromStore changeLogs after Update
  succeeded
  Partial Pass: changeLogs returned are write schema valid
  Partial Pass: No changeHistory in changeLogs exist, succeed
Partial Pass: log changeLog with only update in lastChangeType succeed
Partial Pass: log changeLog with only update has dTimLastChange succeed
Partial Pass: log changeLog with only update dTimLastChange > changeLog with Update succeed
Partial Pass: DeleteFromStore mudLog succeeded
Partial Pass: GetFromStore changeLogs after Delete succeeded
Partial Pass: changeLogs returned are write schema valid
Partial Pass: No changeHistory in changeLogs exist, succeed
Partial Pass: log changeLog with only delete in lastChangeType succeed
Partial Pass: log changeLog with only delete has dTimLastChange succeed
Partial Pass: log changeLog with only delete dTimLastChange > changeLog with update succeed

Totals
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Run         75
  Pass       75
  Fail       0
  Skipped    0