

Server schema versions supported:
1.4.1.1

Server capabilities for schema version 1.4.1.1:

```
<capServers xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:dc="http://purl.org/
dc/terms/" version="1.4.1">
  <capServer apiVers="1.4.1">
    <contact>
      <name>VISIONARY SAS support</name>
      <email>support@visionary-saas.com</email>
      <phone>+5713000909</phone>
    </contact>
    <description>VISIONARY WITSML Server</description>
    <name>VISIONARY.TGTransferWML</name>
    <vendor>VISIONARY SAS</vendor>
    <version>1.0.00</version>
    <schemaVersion>1.4.1.1</schemaVersion>
    <changeDetectionPeriod>5</changeDetectionPeriod>
    <growingTimeoutPeriod dataObject="log">20</growingTimeoutPeriod>
    <growingTimeoutPeriod dataObject="trajectory">400</
growingTimeoutPeriod>
    <growingTimeoutPeriod dataObject="mudLog">400</
growingTimeoutPeriod>
    <maxRequestLatestValues>200</maxRequestLatestValues>
    <cascaedDelete>true</cascaedDelete>
    <supportUomConversion>false</supportUomConversion>
    <compressionMethod>gzip</compressionMethod>
    <function name="WMLS_GetBaseMsg"/>
    <function name="WMLS_GetVersion"/>
    <function name="WMLS_GetFromStore">
      <dataObject>well</dataObject>
      <dataObject>wellbore</dataObject>
      <dataObject maxDataNodes="30000" maxDataPoints="6000000">log</
dataObject>
      <dataObject>mudLog</dataObject>
      <dataObject>trajectory</dataObject>
      <dataObject>changeLog</dataObject>
    </function>
    <function name="WMLS_AddToStore">
      <dataObject>well</dataObject>
      <dataObject>wellbore</dataObject>
      <dataObject maxDataNodes="30000" maxDataPoints="6000000">log</
dataObject>
      <dataObject>mudLog</dataObject>
      <dataObject>trajectory</dataObject>
      <dataObject>changeLog</dataObject>
    </function>
    <function name="WMLS_UpdateInStore">
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    <dataObject>well</dataObject>
    <dataObject>wellbore</dataObject>
    <dataObject maxDataNodes="30000" maxDataPoints="6000000">log</
dataObject>
    <dataObject>mudLog</dataObject>
    <dataObject>trajectory</dataObject>
    <dataObject>changeLog</dataObject>
  </function>
  <function name="WMLS_DeleteFromStore">
    <dataObject>well</dataObject>
    <dataObject>wellbore</dataObject>
    <dataObject maxDataNodes="30000" maxDataPoints="6000000">log</
dataObject>
    <dataObject>mudLog</dataObject>
    <dataObject>trajectory</dataObject>
    <dataObject>changeLog</dataObject>
  </function>
</capServer>
</capServers>

```

Results Summary

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Script:testsuite
  Script:test1a                                Pass
    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
    Partial Pass: Selection by 'numAPI' succeeded
  Script:test1c                                Pass
    Partial Pass: Selection by 'numGovt' succeeded
  Script:test2                                 Pass
    Partial Pass: '1.4.1.x' exists in the returned string
  Script:test3                                 Pass
    Partial Pass: correct apiVers returned
  Script:test4                                 Pass
    Partial Pass: correct version returned
  Script:test5                                 Pass
    Partial Pass: Server supports case-insensitive comparisons
  Script:test8                                 Pass
    Partial Pass: Server supports requesting data subset for a
point index object
  Script:test9a                                Pass
    Partial Pass: Server returned a log whose content is

```

consistent
Partial Pass: Server returned a log whose content is consistent

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

consistent
Partial Pass: Server returned a subset of log data rows as expected.
Partial Pass: Server returned a log whose content is consistent

consistent
Script:test10 Pass
Partial Pass: Server returned the expected log Curve mnemonics.
Script:test11 Pass
Partial Pass: Server supports the item ObjectGrowing and returns only logs that are growing

Script:test14 Pass
Partial Pass: The dTimLastChange in the well object matches the dTimChange in the latest changeHistory of the changeLog.

Script:test15 Pass
Partial Pass: Single well was returned
Partial Pass: uid returned
Partial Pass: name returned
Partial Pass: numGovt returned
Partial Pass: numAPI returned
Partial Pass: dTimLastChange returned
Partial Pass: Minimum attributes and elements returned for requestObjectSelectionCapability met

Script:test16 Pass
Partial Pass: Received correct Schema Version

Script:test17 Pass
Partial Pass: Data schema versions are returned in order from oldest to newest.

Script:test18 Pass
Partial Pass: Server constrains GetFromStore requests according to maxReturnNodes

Script:test20 Pass
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
Partial Pass: Server preserves uid case for AddToStore

Script:test22 Pass
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
Partial Pass: GetFromStore optionsIn id-only is supported
for a Trajectory
Script:test24a Pass
Partial Pass: SQ-010 and SQ-015 indexes match
Partial Pass: SQ-015 logData indexes are consistent with
startIndex and endIndex
Script:test24b Pass
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
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
Partial Pass: Server truncated data correctly
Script:test25b Pass
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 nodes than
maxDataNodes
Partial Pass: Server truncated data correctly
Script:test25c Pass
Partial Pass: Return code +2 received
Partial Pass: startDateTimeIndex matches in the two queries
Partial Pass: endDateTimeIndex in second query is earlier
than endDateIndex in first query
Partial Pass: Server did not return more points than
maxDataPoints
Partial Pass: Server truncated data correctly
Script:test25d Pass
Partial Pass: Return code +2 received
Partial Pass: startDateTimeIndex matches in the two queries
Partial Pass: endDateTimeIndex in second query is earlier
than endDateIndex in first query
Partial Pass: Server did not return more nodes than
maxDataNodes
Partial Pass: Server truncated data correctly
Script:test26 Pass
Partial Pass: WMLS_AddToStore succeeded well
Partial Pass: WMLS_GetFromStore succeeded
Partial Pass: Object retrieved matches object loaded

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Script:test27                                     Pass
  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
  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
  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
  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
  Partial Pass:  AddToStore succeeded
  Partial Pass:  Server generate uid for new well
  Partial Pass:  One well returned and uid is ok
Script:test57                                     Pass
  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
  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
  Partial Pass:  Received change history entry for well
Script:test61                                     Pass
  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
  Partial Pass:  growingTimeoutPeriod is defined in the GetCap
response for log
Script:test63                                     Pass
  Partial Pass:  growingTimeoutPeriod is defined in the GetCap
response for mudLog
Script:test64                                     Pass

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Partial Pass: growingTimeoutPeriod is defined in the GetCap
 response for trajectory
 Script:test65a Pass
 Partial Pass: Server ignored attempt to change
 dTimCreation.
 Script:test65b Pass
 Partial Pass: Server did not modify dTimCreation upon
 updates to a well object.
 Script:test66 Pass
 Partial Pass: The server ignores attempts to change
 objectGrowing.
 Script:test67 Pass
 Partial Pass: dTimCreation set within the last 10 minutes
 Script:test68 Pass
 Partial Pass: Server returned growing trajectory
 Partial Pass: Server did not return non-growing trajectory
 Script:test69 Pass
 Partial Pass: Server does register support for ChangeLog
 object
 Script:test70 Pass
 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
 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
 Partial Pass: Add to store succeeded
 Partial Pass: Clearing range for curve is based on curve
 data received in update
 Script:test73 Pass
 Partial Pass: trajectory objects received
 Partial Pass: All required elements are included
 Partial Pass: trajectoryStation is not included
 Script:test76a Pass
 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.

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

Script:test76b Pass

Partial Pass: Add to store succeeded

Partial Pass: Server returned the latest values for each curve

Partial Pass: Server returned one value for each curve

Script:test77 Pass

Partial Pass: maxRequestLatestValues is included in

response.

Partial Pass: maxRequestLatestValues is greater or equal to

1

Script:test78 Pass

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

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: ObjectGrowing is set to true when adding a new row to a curve with index value less than the minimum index for the log curve.

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

Script:test79b Pass

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

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

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

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

Partial Pass: Add to store succeeded

Partial Pass: Data received after the update is correct

Script:test86 Pass

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

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

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

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
 Partial Pass: Expected wellbores in the data model received
 Partial Pass: Only expected attributes and elements
 received for each wellbore
 Script:test91 Pass
 Partial Pass: Correct wellbore was returned
 Partial Pass: Wellbore validates against write schema
 Script:test92a Pass
 Partial Pass: Only trajectoryStation are included in each
 trajectory
 Partial Pass: All mandatory elements and attributes
 included for all trajectoryStation
 Script:test92b Pass
 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
 Partial Pass: Only logData is included in each log
 Partial Pass: Correct elements included for logData
 Script:test93 Pass
 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
 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
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
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
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
succeed
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 succeed
Partial Pass: log changeLog with only update has
dTimLastChange succeed
Partial Pass: log changeLog with only update dTimLastChange
> changeLog with Update succeed

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    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 succeed
    Partial Pass: log changeLog with only delete has
dTimLastChange succeed
    Partial Pass: log changeLog with only delete dTimLastChange
> changeLog with update succeed
    Script:test94e Pass
    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
succeed
    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

Run	75
Pass	75
Fail	0

Skipped

0