

Server schema versions supported:

1.3.1.1

1.4.1.1

Server capabilities for schema version 1.4.1.1:

```
<capServers xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" version="1.4.1">
  <capServer apiVers="1.4.1">
    <contact>
      <name>Customer Support North America</name>
      <email>rto@halliburton.com</email>
      <phone>1-877-263-6071</phone>
    </contact>
    <description>RTS WITSML Server</description>
    <name>RTS WITSML</name>
    <vendor>Halliburton</vendor>
    <version>13.0</version>
    <schemaVersion>1.4.1.1</schemaVersion>
    <changeDetectionPeriod>60</changeDetectionPeriod>
    <growingTimeoutPeriod dataObject="log">3600</growingTimeoutPeriod>
    <growingTimeoutPeriod dataObject="trajectory">3600</
growingTimeoutPeriod>
    <growingTimeoutPeriod dataObject="mudLog">3600</
growingTimeoutPeriod>
    <maxRequestLatestValues>500</maxRequestLatestValues>
    <cascaedDelete>>false</cascaedDelete>
    <supportUomConversion>>false</supportUomConversion>
    <compressionMethod>gzip</compressionMethod>
    <function name="WMLS_GetCap">
      <dataObject>capServer</dataObject>
    </function>
    <function name="WMLS_GetVersion"/>
    <function name="WMLS_GetBaseMsg"/>
    <function name="WMLS_GetFromStore">
      <dataObject>well</dataObject>
      <dataObject>wellbore</dataObject>
      <dataObject maxDataNodes="10000"
maxDataPoints="3000000">trajectory</dataObject>
      <dataObject maxDataNodes="10000" maxDataPoints="3000000">log</
dataObject>
      <dataObject maxDataNodes="10000"
maxDataPoints="3000000">mudLog</dataObject>
      <dataObject>tubular</dataObject>
      <dataObject>bhaRun</dataObject>
      <dataObject>changeLog</dataObject>
      <dataObject>fluidsReport</dataObject>
      <dataObject>wbGeometry</dataObject>
      <dataObject>formationMarker</dataObject>
      <dataObject>rig</dataObject>
```

```
</function>
</capServer>
</capServers>
```

Results Summary

```
Script:testsuite-HAL-RDOnly          Pass (Duration:501.82 sec)
  Script:test2                        Pass (Duration:0.29
sec)
    Partial Pass: '1.4.1.x' exists in the returned string
  Script:test3                        Pass (Duration:0.29
sec)
    Partial Pass: correct apiVers returned
  Script:test4                        Pass (Duration:0.30
sec)
    Partial Pass: correct version returned
  Script:test5                        Pass (Duration:4.62
sec)
    Partial Pass: Server supports case-insensitive comparisons
  Script:test8                        Pass (Duration:131.25
sec)
    Partial Pass: Server supports requesting data subset for a
point index object
  Script:test9a                       Pass (Duration:71.97
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                       Fail (Duration:12.63
sec)
    Partial Pass: Server returned a log whose content is
consistent
    Fail: Bad value received
  Script:test10                       Pass (Duration:9.64
sec)
    Partial Pass: Server returned the expected log Curve
mnemonics.
  Script:test15                       Pass (Duration:0.38
sec)
    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 (Duration:3.51 sec)

Partial Pass: Received correct Schema Version
Script:test17 Pass (Duration:0.29 sec)

Partial Pass: Data schema versions are returned in order from oldest to newest.
Script:test18 Pass (Duration:29.58 sec)

Partial Pass: Server constrains GetFromStore requests according to maxReturnNodes
Script:test20 Pass (Duration:14.41 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:test23 Pass (Duration:9.88 sec)

Partial Pass: GetFromStore optionsIn id-only is supported for a Trajectory
Script:test25a Pass (Duration:24.75 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
Partial Pass: Server truncated data correctly
Script:test25b Pass (Duration:73.53 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 nodes than maxDataNodes
Partial Pass: Server truncated data correctly
Script:test62 Pass (Duration:0.32 sec)

Partial Pass: growingTimeoutPeriod is defined in the GetCap response for log
Script:test63 Pass (Duration:0.31 sec)

Partial Pass: growingTimeoutPeriod is defined in the GetCap

response for mudLog
Script:test64 Pass (Duration:0.32
sec)
Partial Pass: growingTimeoutPeriod is defined in the GetCap
response for trajectory
Script:test69 Pass (Duration:0.31
sec)
Partial Pass: Server does register support for ChangeLog
object
Script:test73 Pass (Duration:7.20
sec)
Partial Pass: trajectory objects received
Partial Pass: All required elements are included
Partial Pass: trajectoryStation is not included
Script:test76a Pass (Duration:21.98
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.
Partial Pass: Server returned the correct maxDateTimeIndex
for each curve between queries
Script:test77 Pass (Duration:0.31
sec)
Partial Pass: maxRequestLatestValues is included in
response.
Partial Pass: maxRequestLatestValues is greater or equal to
1
Script:test92a Pass (Duration:11.04
sec)
Partial Pass: Only trajectoryStation are included in each
trajectory
Partial Pass: All mandatory elements and attributes
included for all trajectoryStation
Script:test92c Pass (Duration:61.94
sec)
Partial Pass: Only logData is included in each log
Partial Pass: Correct elements included for logData
Script:test93 Pass (Duration:10.77
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:testsuite-HAL-RDOnly (Duration:463.58 sec)
    Script:test2 Pass (Duration:0.30
sec)
      Partial Pass: '1.4.1.x' exists in the returned string
    Script:test3 Pass (Duration:0.29
sec)
      Partial Pass: correct apiVers returned
    Script:test4 Pass (Duration:0.30
sec)
      Partial Pass: correct version returned
    Script:test5 Pass (Duration:5.37
sec)
      Partial Pass: Server supports case-insensitive comparisons
    Script:test8 Pass (Duration:131.00
sec)
      Partial Pass: Server supports requesting data subset for a
point index object
    Script:test9a Pass (Duration:66.54
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:test10 Pass (Duration:9.96
sec)
      Partial Pass: Server returned the expected log Curve
mnemonics.
    Script:test15 Pass (Duration:0.38
sec)
      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 (Duration:3.78
sec)
      Partial Pass: Received correct Schema Version
    Script:test17 Pass (Duration:0.29
sec)
      Partial Pass: Data schema versions are returned in order
from oldest to newest.
    Script:test18 Pass (Duration:30.21
sec)
      Partial Pass: Server constrains GetFromStore requests

```

according to maxReturnNodes
 Script:test20 Pass (Duration:14.43
 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:test23 Pass (Duration:10.58
 sec)
 Partial Pass: GetFromStore optionsIn id-only is supported
 for a Trajectory
 Script:test25a Pass (Duration:22.76
 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
 Partial Pass: Server truncated data correctly
 Script:test25b Pass (Duration:64.27
 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 nodes than
 maxDataNodes
 Partial Pass: Server truncated data correctly
 Script:test62 Pass (Duration:0.30
 sec)
 Partial Pass: growingTimeoutPeriod is defined in the GetCap
 response for log
 Script:test63 Pass (Duration:0.30
 sec)
 Partial Pass: growingTimeoutPeriod is defined in the GetCap
 response for mudLog
 Script:test64 Pass (Duration:0.28
 sec)
 Partial Pass: growingTimeoutPeriod is defined in the GetCap
 response for trajectory
 Script:test69 Pass (Duration:0.28
 sec)
 Partial Pass: Server does register support for ChangeLog
 object
 Script:test73 Pass (Duration:6.98
 sec)
 Partial Pass: trajectory objects received

Partial Pass: All required elements are included
 Partial Pass: trajectoryStation is not included
 Script:test76a Pass (Duration:20.91
 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.
 Partial Pass: Server returned the correct maxDateTimeIndex
 for each curve between queries
 Script:test77 Pass (Duration:0.29
 sec)
 Partial Pass: maxRequestLatestValues is included in
 response.
 Partial Pass: maxRequestLatestValues is greater or equal to
 1
 Script:test92a Pass (Duration:10.00
 sec)
 Partial Pass: Only trajectoryStation are included in each
 trajectory
 Partial Pass: All mandatory elements and attributes
 included for all trajectoryStation
 Script:test92c Pass (Duration:53.73
 sec)
 Partial Pass: Only logData is included in each log
 Partial Pass: Correct elements included for logData
 Script:test93 Pass (Duration:10.00
 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

Totals

Run	26
Pass	26
Fail	0
Skipped	0