Enabler Test Specification for WML Script Language
Approved Version, 18th November 2004

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Contents

1. Scope

This document describes test cases for OMA WMLS version 28 September 2001.

2. References

2.1. Normative References

[WMLScript]	"WMLScript Language Specification", Open Mobile Alliance™. WAP-193-WMLS. URL:http://www.openmobilealliance.org/
[VSWAP 2.0]	Compliancy test suite for WAP 2.0 testing URL: http://member.openmobilealliance.org/ftp/iop/iop-Browsing/gen_info/IOP-Browsing-Test-Suite.shtml
[TestEnv]	Browsing 2.2 Test Environment URL:http://www.openmobilealliance.org/
[RFC2119]	"Key words for use in RFCs to Indicate Requirement Levels". S. Bradner. March 1997. URL:http://www.ietf.org/rfc/rfc2119.txt

2.2. Informative References

3. Terminology and Conventions

3.1. Conventions

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except "Scope" and "Introduction", are normative, unless they are explicitly indicated to be informative.

The following numbering scheme is used:

xxx-y.z-con-number where:

xxx	Name of enabler, e.g. MMS or Browsing
y.z	Version of enabler release, e.g. 1.2 or 1.2.1
con	Indicating this test is a conformance test case
number	Leap number for the test case

Or

xxx-y.z-int-number where:

xxx	Name of enabler, e.g. MMS or Browsing
y.z	Version of enabler release, e.g. 1.2 or 1.2.1
int	Indicating this test is a interoperability test case
number	Leapnumber for the test case

3.2. Definitions

None.

3.3. Abbreviations

ETR	Enabler Test Requirements
ETS	Enabler Test Specification
WML	Wireless Markup Language
SCR	Static Conformance Statement

4. Introduction

The purpose of this document is to provide test cases for OMA WMLS 28 September 2001 [WMLScript].

5. Conformance and Inter-operability Test Cases

5.1. WMLScript Core

5.1.1. Lexical Structure

5.1.1.1. Case Sensitivity

Test Case ID	WMLS-2.0-con-1
Test Object	Client and Gateway
Test Case Assertion	WMLScript variables are case-sensitive.
Specification Reference	[WMLScript] Section 6.1.1
SCR Reference	WMLS-S-003
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/case/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-2
Test Object	Client and Gateway
Test Case Assertion	WMLScript function names are case-sensitive.
Specification Reference	[WMLScript] Section 6.1.1
SCR Reference	WMLS-S-003
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/case/27
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.1.2. Whitespace and Line Breaks

Test Case ID	WMLS-2.0-con-3
Test Object	Client and Gateway
Test Case Assertion	Ensure that whitespace tokens <TAB>, <VT>, <FF>, <SP>, <LF> and <CR> are ignored between program tokens.
Specification Reference	[WMLScript] Section 6.1.2
SCR Reference	WMLS-S-004
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/whitespace/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.1.3. Comments

Test Case ID	WMLS-2.0-con-4
Test Object	Client and Gateway
Test Case Assertion	When a line starts with a double-slash (//), it is a single line comment. This comment is ignored by the script processor.
Specification Reference	[WMLScript] Section 6.1.4
SCR Reference	WMLS-S-006
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/comments/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-5
Test Object	Client and Gateway
Test Case Assertion	When a line starts with a multi-line comment delimiter (/*), the block between that delimiter and the closing comment delimiter (*/) is ignored by the script processor.
Specification Reference	[WMLScript] Section 6.1.4
SCR Reference	WMLS-S-006
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/comments/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.1.4. Literals

5.1.1.4.1. Floating-Pont Literas

Test Case ID	WMLS-2.0-con-6
Test Object	Client and Gateway
Test Case Assertion	Floating point literals can be defined using the syntax "DecimalIntegerLiteral. DecimalDigits ExponentPart".
Specification Reference	[WMLScript] Section 6.1.5.2
SCR Reference	WMLS-S-009
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/literals/floating/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-7
Test Object	Client and Gateway
Test Case Assertion	Floating point literals can be defined using the syntax ". DecimalDigits ExponentPart".
Specification Reference	[WMLScript] Section 6.1.5.2
SCR Reference	WMLS-S-009
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/literals/floating/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-8
Test Object	Client and Gateway
Test Case Assertion	Floating point literals can be defined using the syntax "DecimalIntegerLiteral ExponentPart".
Specification Reference	[WMLScript] Section 6.1.5.2
SCR Reference	WMLS-S-009
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/literals/floating/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-9
Test Object	Client and Gateway
Test Case Assertion	Floating point literals can be defined using the syntax

	"DecimalIntegerLiteral . ExponentPart".
Specification Reference	[WMLScript] Section 6.1.5.2
SCR Reference	WMLS-S-009
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/literals/floating/5
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.1.4.2. String Literals

Test Case ID	WMLS-2.0-con-10
Test Object	Client and Gateway
Test Case Assertion	When an escape sequence (as described in the table in 6.1.5.3) is encountered within a string literal, it is replaced with its character equivalent in the literal.
Specification Reference	[WMLScript] Section 6.1.5.3
SCR Reference	WMLS-S-011
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/literals/string/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-11
Test Object	Client and Gateway
Test Case Assertion	String literals of length 0 can be defined.
Specification Reference	[WMLScript] Section 6.1.5.3

SCR Reference	WMLS-S-010
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/literals/string/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.1.4.3. Boolean Literals

Test Case ID	WMLS-2.0-con-12
Test Object	Client and Gateway
Test Case Assertion	Boolean literals of true and false can be defined using "true" and "false".
Specification Reference	[WMLScript] Section 6.1.5.4
SCR Reference	WMLS-S-012
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/literals/boolean/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.1.4.4. Invalid Literal

Test Case ID	WMLS-2.0-con-13
Test Object	Client and Gateway
Test Case Assertion	An invalid literal can be defined using "invalid".
Specification Reference	[WMLScript] Section 6.1.5.5
SCR Reference	WMLS-S-013
Tool	[VSWAP 2.0]

Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/literals/invalid/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.1.5. Names Spaces

Test Case ID	WMLS-2.0-con-14
Test Object	Client and Gateway
Test Case Assertion	Function names have their own name space.
Specification Reference	[WMLScript] Section 6.1.8
SCR Reference	-
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/namespaces/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-15
Test Object	Client and Gateway
Test Case Assertion	Function parameters have their own name space.
Specification Reference	[WMLScript] Section 6.1.8
SCR Reference	-
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/namespaces/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-16
Test Object	Client and Gateway
Test Case Assertion	Variables have their own name space.
Specification Reference	[WMLScript] Section 6.1.8
SCR Reference	-
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/namespaces/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-17
Test Object	Client and Gateway
Test Case Assertion	Pragmas have their own name space.
Specification Reference	[WMLScript] Section 6.1.8
SCR Reference	-
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/lexical/namespaces/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.2. Variables and Data Types

5.1.2.1. Variable Scope and Lifetime

Test Case ID	WMLS-2.0-con-18
Test Object	Client and Gateway
Test Case Assertion	Within the function where it is declared, a WMLScript variable is visible outside of the block statement where it has been declared.
Specification Reference	[WMLScript] Section 6.2.2
SCR Reference	WMLS-S-015
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/variables/scope/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-19
Test Object	Client and Gateway
Test Case Assertion	A WMLScript variable has a value from its declaration up to the end of the function.
Specification Reference	[WMLScript] Section 6.2.2
SCR Reference	WMLS-S-015
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/variables/scope/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.2.2. Numeric Values

5.1.2.2.1. Integer Size

Test Case ID	WMLS-2.0-con-20
Test Object	Client and Gateway
Test Case Assertion	A WMLScript variable can hold integer values ranging from Lang.minInt() to Lang.maxInt().
Specification Reference	[WMLScript] Section 6.2.7.1
SCR Reference	WMLS-S-016
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/variables/integer/size/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-21
Test Object	Client and Gateway
Test Case Assertion	If an operation results in an integer value outside the range of supported integer values then the result is 'invalid'.
Specification Reference	[WMLScript] Section 6.2.7.1 ??? 12.4.1.2
SCR Reference	WMLS-S-016
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/variables/integer/size/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.2.2.2. Floating Point Size

Test Case ID	WMLS-2.0-con-22
Test Object	Client and Gateway
Test Case Assertion	A WMLScript variable can hold floating-point positive values ranging from Float.minFloat() to Float.maxFloat().
Specification Reference	[WMLScript] Section 6.2.7.2
SCR Reference	WMLS-S-017, WMLS-C-071
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/variables/float/size/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-23
Test Object	Client and Gateway
Test Case Assertion	If an operation results in a floating-point number outside the range of supported floating-point values then the result is 'invalid'.
Specification Reference	[WMLScript] Section 6.2.7.2
SCR Reference	WMLS-S-017, WMLS-C-071
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/variables/float/size/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-24
Test Object	Client and Gateway

Test Case Assertion	A WMLScript variable which is initialized to, or assigned, a positive floating-point value lower than Float.minFloat() gets set to 0.0.
Specification Reference	[WMLScript] Section 6.2.7.2
SCR Reference	WMLS-S-017, WMLS-C-071
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/variables/float/size/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-25
Test Object	Client and Gateway
Test Case Assertion	A WMLScript variable of value '-0.0' is equal to a variable of value '+0.0'.
Specification Reference	[WMLScript] Section 6.2.7.2
SCR Reference	WMLS-S-017, WMLS-C-071
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/variables/float/size/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.3. Operators and Expressions

5.1.3.1. Assignement Operators

Test Case ID	WMLS-2.0-con-26
Test Object	Client and Gateway
Test Case Assertion	The '=' operator assigns the rhs value to the WMLScript variable on the lhs.

Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-27
Test Object	Client and Gateway
Test Case Assertion	The '+=' operator applies the '+' operator with the value of the WMLScript variable on the lhs as the first operand and the value on the rhs as the second operand and assigns the result to this variable.
Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-28
Test Object	Client and Gateway
Test Case Assertion	The '-=' operator applies the '-' operator with the value of the WMLScript variable on the lhs as the first operand and the value on the rhs as the second operand and assigns the result to this variable.
Specification Reference	[WMLScript] Section 6.3.1

SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-29
Test Object	Client and Gateway
Test Case Assertion	The '*=' operator applies the '*' operator with the value of the WMLScript variable on the lhs as the first operand and the value on the rhs as the second operand and assigns the result to this variable.
Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-30
Test Object	Client and Gateway
Test Case Assertion	The '/=' operator applies the '/' operator with the value of the WMLScript variable on the lhs as the first operand and the value on the rhs as the second operand and assigns the result to this variable.
Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018

Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/5
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-31
Test Object	Client and Gateway
Test Case Assertion	The 'div=' operator applies the 'div' operator with the value of the WMLScript variable on the lhs as the first operand and the value on the rhs as the second operand and assigns the result to this variable.
Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/6
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-32
Test Object	Client and Gateway
Test Case Assertion	The '%=' operator applies the '%' operator with the value of the WMLScript variable on the lhs as the first operand and the value on the rhs as the second operand and assigns the result to this variable.
Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]

Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/7
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-33
Test Object	Client and Gateway
Test Case Assertion	The '<<=' operator applies the '<<' operator with the value of the WMLScript variable on the lhs as the first operand and the value on the rhs as the second operand and assigns the result to this variable.
Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/8
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-34
Test Object	Client and Gateway
Test Case Assertion	The '>>=' operator applies the '>>' operator with the value of the WMLScript variable on the lhs as the first operand and the value on the rhs as the second operand and assigns the result to this variable.
Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]
Test Code	See test procedure.

Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/9
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-35
Test Object	Client and Gateway
Test Case Assertion	The '>>>=' operator applies the '>>>' operator with the value of the WMLScript variable on the lhs as the first operand and the value on the rhs as the second operand and assigns the result to this variable.
Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/10
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-36
Test Object	Client and Gateway
Test Case Assertion	The '&=' operator applies the '&' operator with the value of the WMLScript variable on the lhs as the first operand and the value on the rhs as the second operand and assigns the result to this variable.
Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/11
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-37
Test Object	Client and Gateway
Test Case Assertion	The '^=' operator applies the '^' operator with the value of the WMLScript variable on the lhs as the first operand and the value on the rhs as the second operand and assigns the result to this variable.
Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/12
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-38
Test Object	Client and Gateway
Test Case Assertion	The '|=' operator applies the '|' operator with the value of the WMLScript variable on the lhs as the first operand and the value on the rhs as the second operand and assigns the result to this variable.
Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/13

Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-39
Test Object	Client and Gateway
Test Case Assertion	An assignment operator of one variable does not change the binding of any other variable.
Specification Reference	[WMLScript] Section 6.3.1
SCR Reference	WMLS-S-018
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/assignment/14
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.3.2. Arithmetic Operators

Test Case ID	WMLS-2.0-con-40
Test Object	Client and Gateway
Test Case Assertion	When both operands are numbers (integer or floating-point values), the '+' operator adds the value of the first operand to the value of the second operand.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/1
Execution Type	Automatic

Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-41
Test Object	Client and Gateway
Test Case Assertion	The '-' operator subtracts the value of the second operand from the value of the first operand.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-42
Test Object	Client and Gateway
Test Case Assertion	The '*' operator multiplies the value of the first operand by the value of the second operand.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-43

Test Object	Client and Gateway
Test Case Assertion	The '/' operator divides the value of the first operand by the value of the second operand.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-44
Test Object	Client and Gateway
Test Case Assertion	The 'div' operator divides the value of the first operand by the value of the second operand and returns the integral part of the result.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/5
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-45
Test Object	Client and Gateway
Test Case Assertion	The '%' operator integer divides the value of the first operand by the value of the second operand and returns the remainder part of the result.

Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/6
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-46
Test Object	Client and Gateway
Test Case Assertion	The '<<' operator left shifts the bits of the value of the first operand by the number of bits specified by the value of the second operand, filling the shifted bits with a zero bit.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/7
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-47
Test Object	Client and Gateway
Test Case Assertion	The '>>' operator right shifts the bits of the value of the first operand by the number of bits specified by the value of the second operand, filling the shifted bits with the sign bit of the first operand.
Specification Reference	[WMLScript] Section 6.3.2

SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/8
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-48
Test Object	Client and Gateway
Test Case Assertion	The '>>>' operator right shifts the bits of the value of the first operand by the number of bits specified by the value of the second operand, filling the shifted bits with a zero bit.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/9
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-49
Test Object	Client and Gateway
Test Case Assertion	The '&' operator performs a bitwise logical AND operation on the bits of the value of the first operand and the bits of the value of the second operand.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]

Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/10
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-50
Test Object	Client and Gateway
Test Case Assertion	The '|' operator performs a bitwise logical OR operation on the bits of the value of the first operand and the bits of the value of the second operand.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/11
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-51
Test Object	Client and Gateway
Test Case Assertion	The '^' operator performs a bitwise logical XOR operation on the bits of the value of the first operand and the bits of the value of the second operand.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/12
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-52
Test Object	Client and Gateway
Test Case Assertion	The '~' operator performs a bitwise logical NOT operation on the bits of the value of the operand.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/13
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-53
Test Object	Client and Gateway
Test Case Assertion	The unary '+' operator does not change the value of its operand.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/14
Execution Type	Automatic

Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-54
Test Object	Client and Gateway
Test Case Assertion	The unary '-' operator changes the sign bit of its operand.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/15
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-55
Test Object	Client and Gateway
Test Case Assertion	When a prefix '++' operator is used, the value of the variable is incremented by 1 before the evaluation of the complete expression.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/16
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-56

Test Object	Client and Gateway
Test Case Assertion	When a postfix '++' operator is used, the value of the variable is incremented by 1 after the evaluation of the complete expression.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/17
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-57
Test Object	Client and Gateway
Test Case Assertion	When a prefix '--' operator is used, the value of the variable is decremented by 1 before the evaluation of the complete expression.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/19
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-58
Test Object	Client and Gateway
Test Case Assertion	When a postfix '--' operator is used, the value of the variable is decremented by 1 after the evaluation of the complete expression.

Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/20
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-59
Test Object	Client and Gateway
Test Case Assertion	When both operands are strings, the '+' operator concatentates the strings together.
Specification Reference	[WMLScript] Section 6.3.2
SCR Reference	WMLS-S-019
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/arithmetic/22
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.3.3. Logical Operators

Test Case ID	WMLS-2.0-con-60
Test Object	Client and Gateway
Test Case Assertion	If the first operand of the '&&' operator evaluates to 'true' then the result of the operation is the result of the evaluation of the second operand.
Specification Reference	[WMLScript] Section 6.3.3

SCR Reference	WMLS-S-020
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/logical/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-61
Test Object	Client and Gateway
Test Case Assertion	If the first operand of the '&&' operator evaluates to 'false' then the result of the operation is 'false' and the second operand is not evaluated.
Specification Reference	[WMLScript] Section 6.3.3
SCR Reference	WMLS-S-020
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/logical/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-62
Test Object	Client and Gateway
Test Case Assertion	If the first operand of the '||' operator evaluates to 'false' then the result of the operation is the result of the evaluation of the second operand.
Specification Reference	[WMLScript] Section 6.3.3
SCR Reference	WMLS-S-020
Tool	[VSWAP 2.0]
Test Code	See test procedure.

Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/logical/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-63
Test Object	Client and Gateway
Test Case Assertion	If the first operand of the '||' operator evaluates to 'true' then the result of the operation is 'true' and the second operand is not evaluated.
Specification Reference	[WMLScript] Section 6.3.3
SCR Reference	WMLS-S-020
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/logical/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-64
Test Object	Client and Gateway
Test Case Assertion	If the operand of the unary '!' operator evaluates to 'true', then the result of the operation is 'false'. If the operand evaluates to 'false', then the result is 'true'.
Specification Reference	[WMLScript] Section 6.3.3
SCR Reference	WMLS-S-020
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/logical/5
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-65
Test Object	Client and Gateway
Test Case Assertion	If the first operand of the '&&' operator evaluates to 'invalid' then the result of the operation is 'invalid' and the second operand is not evaluated.
Specification Reference	[WMLScript] Section 6.3.3
SCR Reference	WMLS-S-020
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/logical/6
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-66
Test Object	Client and Gateway
Test Case Assertion	If the first operand of the '||' operator evaluates to 'invalid' then the result of the operation is 'invalid' and the second operand is not evaluated.
Specification Reference	[WMLScript] Section 6.3.3
SCR Reference	WMLS-S-020
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/logical/7
Execution Type	Automatic

Pass-Criteria	The verification criterias in the test suite are met.

5.1.3.4. String Operators

Test Case ID	WMLS-2.0-con-67
Test Object	Client and Gateway
Test Case Assertion	When the '+' operator is applied to string operands, the result of the operation is the concatenation of both operands.
Specification Reference	[WMLScript] Section 6.3.4
SCR Reference	WMLS-S-021
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/string/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-68
Test Object	Client and Gateway
Test Case Assertion	When the '+=' operator is applied to string operands, the result of the operation is the concatenation of both operands.
Specification Reference	[WMLScript] Section 6.3.4
SCR Reference	WMLS-S-021
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/string/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.3.5. Comparision Operators

Test Case ID	WMLS-2.0-con-69
Test Object	Client and Gateway
Test Case Assertion	The boolean literal 'true' is larger than 'false'.
Specification Reference	[WMLScript] Section 6.3.5
SCR Reference	WMLS-S-022
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/comparison/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-70
Test Object	Client and Gateway
Test Case Assertion	Comparison of integer values is based on the given integer values.
Specification Reference	[WMLScript] Section 6.3.5
SCR Reference	WMLS-S-022
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/comparison/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-71
Test Object	Client and Gateway
Test Case Assertion	Comparison of floating-point values is based on the given floating-point

	values.
Specification Reference	[WMLScript] Section 6.3.5
SCR Reference	WMLS-S-022
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/comparison/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-72
Test Object	Client and Gateway
Test Case Assertion	Comparison of string operands is based on the order of character codes of the given string values, as defined by the character set supported by the device.
Specification Reference	[WMLScript] Section 6.3.5
SCR Reference	WMLS-S-022
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/comparison/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-73
Test Object	Client and Gateway
Test Case Assertion	When at least one of the operands of a comparison operator is 'invalid' then the result is 'invalid'.
Specification Reference	[WMLScript] Section 6.3.5

SCR Reference	WMLS-S-022
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/comparison/5
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.3.6. Comma Operators

Test Case ID	WMLS-2.0-con-74
Test Object	Client and Gateway
Test Case Assertion	The result of the comma operator is the result of the evaluation of the second operand.
Specification Reference	[WMLScript] Section 6.3.7
SCR Reference	WMLS-S-024
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/comma/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.3.7. Conditional Operator

Test Case ID	WMLS-2.0-con-75
Test Object	Client and Gateway
Test Case Assertion	If the first operand of a conditional operator '?:' evaluates to 'true', then the result of the operation is the result of the evaluation of the second operand and the third operand is not evaluated.
Specification Reference	[WMLScript] Section 6.3.8

SCR Reference	WMLS-S-025
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/conditional/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-76
Test Object	Client and Gateway
Test Case Assertion	If the first operand of a conditional operator '?:' evaluates to 'false' or 'invalid', then the result of the operation is the result of the evaluation of the third operand and the second operand is not evaluated.
Specification Reference	[WMLScript] Section 6.3.8
SCR Reference	WMLS-S-025
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/conditional/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.3.8. typof Operator

Test Case ID	WMLS-2.0-con-77
Test Object	Client and Gateway
Test Case Assertion	If the operand of the 'typeof' operator evaluates to an integer value, then the result of the operation is '0'.
Specification Reference	[WMLScript] Section 6.3.9
SCR Reference	WMLS-S-026

Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/typeof/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-78
Test Object	Client and Gateway
Test Case Assertion	If the operand of the 'typeof' operator evaluates to a floating-point value, then the result of the operation is '1'.
Specification Reference	[WMLScript] Section 6.3.9
SCR Reference	WMLS-S-026
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/typeof/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-79
Test Object	Client and Gateway
Test Case Assertion	If the operand of the 'typeof' operator evaluates to a string value, then the result of the operation is '2'.
Specification Reference	[WMLScript] Section 6.3.9
SCR Reference	WMLS-S-026
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to

	[TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/typeof/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-80
Test Object	Client and Gateway
Test Case Assertion	If the operand of the 'typeof' operator evaluates to a boolean value, then the result of the operation is '3'.
Specification Reference	[WMLScript] Section 6.3.9
SCR Reference	WMLS-S-026
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/typeof/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-81
Test Object	Client and Gateway
Test Case Assertion	If the operand of the 'typeof' operator evaluates to the 'invalid' value, then the result of the operation is '4'.
Specification Reference	[WMLScript] Section 6.3.9
SCR Reference	WMLS-S-026
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/typeof/5

Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-82
Test Object	Client and Gateway
Test Case Assertion	When the typeof operator is used to identify the type of an expression an integer value is returned.
Specification Reference	[WMLScript] Section 6.3.9
SCR Reference	WMLS-S-026
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/typeof/6
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.3.9. isvalid Operator

Test Case ID	WMLS-2.0-con-83
Test Object	Client and Gateway
Test Case Assertion	If the operand of the 'isvalid' operator evaluates to the 'invalid' value, then the result of the operation is the boolean literal 'false'.
Specification Reference	[WMLScript] Section 6.3.10
SCR Reference	WMLS-S-027
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/isvalid/1
Execution Type	Automatic

Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-84
Test Object	Client and Gateway
Test Case Assertion	If the operand of the 'isvalid' operator does not evaluate to the 'invalid' value, then the result of the operation is the boolean literal 'true'.
Specification Reference	[WMLScript] Section 6.3.10
SCR Reference	WMLS-S-027
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/isvalid/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.3.10. Expression Bindings

Test Case ID	WMLS-2.0-con-85
Test Object	Client and Gateway
Test Case Assertion	The WMLScript operators respect the operator precedence rules defined in the table of section 6.3.12.
Specification Reference	[WMLScript] Section 6.3.12
SCR Reference	WMLS-S-028
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/bindings/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-86
Test Object	Client and Gateway
Test Case Assertion	The WMLScript operators return 'invalid' when one of the operands is 'invalid'.
Specification Reference	[WMLScript] Section 6.3.12
SCR Reference	WMLS-S-028
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/bindings/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-87
Test Object	Client and Gateway
Test Case Assertion	The WMLScript operators return 'invalid' when type conversions fail.
Specification Reference	[WMLScript] Section 6.3.12
SCR Reference	WMLS-S-028
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/bindings/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-88
Test Object	Client and Gateway
Test Case Assertion	The result type of the WMLScript operators is correct according to the table in section 7.3.12.

Specification Reference	[WMLScript] Section 6.3.12
SCR Reference	WMLS-S-028
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/operators/bindings/5
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.4. Functions

5.1.4.1. Declarations

Test Case ID	WMLS-2.0-con-89
Test Object	Client and Gateway
Test Case Assertion	All parameters to functions are passed by value. A modification to the value of a parameter does not affect the value of the calling argument.
Specification Reference	[WMLScript] Section 6.4.1
SCR Reference	WMLS-S-029
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/functions/declaration/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-90
Test Object	Client and Gateway
Test Case Assertion	Function parameters are local variables that have been initialized before the execution of the function body. As for any other variable, they loose their value at the end of the function.

Specification Reference	[WMLScript] Section 6.4.1
SCR Reference	WMLS-S-029
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/functions/declaration/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-91
Test Object	Client and Gateway
Test Case Assertion	When a function call returns a return value is always returned to the calling function.
Specification Reference	[WMLScript] Section 6.4.1
SCR Reference	WMLS-S-029
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/functions/declaration/7
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.4.2. Function Calls

5.1.4.2.1. Local Script Functions

Test Case ID	WMLS-2.0-con-92
Test Object	Client and Gateway
Test Case Assertion	Functions defined in the same compilation unit can be called before they have been declared.

Specification Reference	[WMLScript] Section 6.4.2.1
SCR Reference	WMLS-S-030
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/functions/call/local/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.4.2.1.1. External Functions

Test Case ID	WMLS-2.0-con-93
Test Object	Client and Gateway
Test Case Assertion	A call to a function using the 'external#function(arguments)' syntax must be resolved by calling the function defined in the external compilation unit used as prefix.
Specification Reference	[WMLScript] Section 6.4.2.2
SCR Reference	WMLS-S-031
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/functions/call/external/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.4.3. Default Return Value

Test Case ID	WMLS-2.0-con-94
Test Object	Client and Gateway
Test Case Assertion	A function returns an empty string "" by default.

Specification Reference	[WMLScript] Section 6.4.3
SCR Reference	WMLS-S-033
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/functions/return/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-95
Test Object	Client and Gateway
Test Case Assertion	A function can be called as a statement.
Specification Reference	[WMLScript] Section 6.4.3
SCR Reference	WMLS-S-033
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/functions/return/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.5. Statements

5.1.5.1. Variable Statement

Test Case ID	WMLS-2.0-con-96
Test Object	Client and Gateway
Test Case Assertion	When a variable statement does not contain a variable initializer, the variable is initialized to the empty string "" by default.
Specification Reference	[WMLScript] Section 6.5.4

SCR Reference	WMLS-S-034
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/variable/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-97
Test Object	Client and Gateway
Test Case Assertion	The variable initializer expression is evaluated every time the variable statement is executed.
Specification Reference	[WMLScript] Section 6.5.4
SCR Reference	WMLS-S-035???
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/variable/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.5.2. If Statement

Test Case ID	WMLS-2.0-con-98
Test Object	Client and Gateway
Test Case Assertion	If the condition expression of an if statement evaluates to 'true', then only the first statement is executed.
Specification Reference	[WMLScript] Section 6.5.5
SCR Reference	WMLS-S-037

Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/if/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-99
Test Object	Client and Gateway
Test Case Assertion	If the condition expression of an if statement evaluates to 'false' or 'invalid', then only the second optional 'else' statement is executed.
Specification Reference	[WMLScript] Section 6.5.5
SCR Reference	WMLS-S-037
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/if/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-100
Test Object	Client and Gateway
Test Case Assertion	When 'if' statements are nested, an 'else' statement is always tied to the closest 'if' statement.
Specification Reference	[WMLScript] Section 6.5.5
SCR Reference	WMLS-S-037
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to

	[TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/if/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.5.3. While Statement

Test Case ID	WMLS-2.0-con-101
Test Object	Client and Gateway
Test Case Assertion	The condition expression of a 'while' statement is evaluated at each iteration of the statement.
Specification Reference	[WMLScript] Section 6.5.6
SCR Reference	WMLS-S-038
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/while/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-102
Test Object	Client and Gateway
Test Case Assertion	The loop statement of a 'while' statement is executed as long as the condition expression evaluates to 'true'.
Specification Reference	[WMLScript] Section 6.5.6
SCR Reference	WMLS-S-038
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/while/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-103
Test Object	Client and Gateway
Test Case Assertion	When the condition expression of a 'while' statement evaluates to 'false' or 'invalid', the execution continues with the statement following the loop statement.
Specification Reference	[WMLScript] Section 6.5.6
SCR Reference	WMLS-S-038
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/while/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.5.4. For Statement

Test Case ID	WMLS-2.0-con-104
Test Object	Client and Gateway
Test Case Assertion	The initializer expression of a 'for' statement is evaluated only once for each execution of the statement.
Specification Reference	[WMLScript] Section 6.5.7
SCR Reference	WMLS-S-039
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/for/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-105
Test Object	Client and Gateway
Test Case Assertion	The optional condition expression of a 'for' statement is evaluated at each iteration of the statement.
Specification Reference	[WMLScript] Section 6.5.7
SCR Reference	WMLS-S-039
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/for/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-106
Test Object	Client and Gateway
Test Case Assertion	The loop statement of a 'for' statement is executed as long as the optional condition expression evaluates to 'true'.
Specification Reference	[WMLScript] Section 6.5.7
SCR Reference	WMLS-S-039
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/for/3
Execution Type	Automatic

Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-107
Test Object	Client and Gateway
Test Case Assertion	When the optional condition expression of a 'for' statement is omitted it always evaluates to 'true'.
Specification Reference	[WMLScript] Section 6.5.7
SCR Reference	WMLS-S-039
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/for/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-108
Test Object	Client and Gateway
Test Case Assertion	When the condition expression of a 'for' statement evaluates to 'false' or 'invalid', the execution continues with the statement following the loop statement.
Specification Reference	[WMLScript] Section 6.5.7
SCR Reference	WMLS-S-039
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/for/5
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-109
Test Object	Client and Gateway
Test Case Assertion	The optional increment expression is evaluated each time and after the loop statement is executed. It is evaluated before the condition expression for the next iteration.
Specification Reference	[WMLScript] Section 6.5.7
SCR Reference	WMLS-S-039
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/for/6
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.5.5. Break Statement

Test Case ID	WMLS-2.0-con-110
Test Object	Client and Gateway
Test Case Assertion	When a 'break' statement is executed as part of the loop statement of a 'while' statement, the execution continues with the statement after the closest enclosing loop statement of the 'while' statement.
Specification Reference	[WMLScript] Section 6.5.8
SCR Reference	WMLS-S-040
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/break/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-111
Test Object	Client and Gateway
Test Case Assertion	When a 'break' statement is executed as part of the loop statement of a 'for' statement, the execution continues with the statement after the closest enclosing loop statement of the 'for' statement.
Specification Reference	[WMLScript] Section 6.5.8
SCR Reference	WMLS-S-040
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/break/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.5.6. Continue Statement

Test Case ID	WMLS-2.0-con-112
Test Object	Client and Gateway
Test Case Assertion	When a 'continue' statement is executed as part of the loop statement of a 'while' statement, the execution continues with the condition expression of the closest enclosing 'while' statement.
Specification Reference	[WMLScript] Section 6.5.9
SCR Reference	WMLS-S-041
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/continue/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-113
Test Object	Client and Gateway
Test Case Assertion	When a 'continue' statement is executed as part of the loop statement of a 'for' statement, the execution continues with the increment expression of the closest enclosing 'for' statement.
Specification Reference	[WMLScript] Section 6.5.9
SCR Reference	WMLS-S-041
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/continue/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.5.7. Return Statement

Test Case ID	WMLS-2.0-con-114
Test Object	Client and Gateway
Test Case Assertion	When a return statement is executed, the execution of the function terminates and its return value is the result of the evaluation of the expression specified in the statement.
Specification Reference	[WMLScript] Section 6.5.10
SCR Reference	WMLS-S-042
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/return/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-115
Test Object	Client and Gateway
Test Case Assertion	When a return statement is executed and there is no return expression, the execution of the function terminates and its return value is the empty string "".
Specification Reference	[WMLScript] Section 6.5.10
SCR Reference	WMLS-S-042
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/statements/return/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.6. Pragmas

5.1.6.1. External Compilation Units

Test Case ID	WMLS-2.0-con-116
Test Object	Client and Gateway
Test Case Assertion	Relative URLs defined without a hash or fragment identifier can be used as the URL for a pragma declaration.
Specification Reference	[WMLScript] Section 6.7.1
SCR Reference	WMLS-S-043
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/pragmas/external/2
Execution Type	Manual
Pass-Criteria	The verification criterias in the test suite are met.

5.1.6.2. Access Control

Test Case ID	WMLS-2.0-con-117
Test Object	Client and Gateway
Test Case Assertion	When an external function is invoked, an access control check is performed to ensure that the destination compilation unit can be accessed from the current compilation unit.
Specification Reference	[WMLScript] Section 6.7.2
SCR Reference	WMLS-S-044
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/pragmas/access/1
Execution Type	Manual
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-118
Test Object	Client and Gateway
Test Case Assertion	When the 'domain' attribute of the 'access' pragma is not set in the destination compilation unit, it defaults to the domain of the current compilation unit.
Specification Reference	[WMLScript] Section 6.7.2
SCR Reference	WMLS-S-044
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/pragmas/access/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-119

Test Object	Client and Gateway
Test Case Assertion	When the 'path' attribute of the 'access' pragma is not set in the destination compilation unit, it defaults to the value "/".
Specification Reference	[WMLScript] Section 6.7.2
SCR Reference	WMLS-S-044
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/pragmas/access/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-120
Test Object	Client and Gateway
Test Case Assertion	When the 'domain' attribute of the 'access' pragma of a destination compilation unit is set to a period separated domain suffix, the domain of the current compilation unit is compared to this suffix - where each element specified must match exactly for access to be granted.
Specification Reference	[WMLScript] Section 6.7.2
SCR Reference	WMLS-S-044
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/pragmas/access/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-121
Test Object	Client and Gateway

Test Case Assertion	When the 'path' attribute of the 'access' pragma of a destination compilation unit is specified as an absolute path, it defines the path prefix that is permitted access to the compilation unit - where each element of the prefix must match that of the current compilation unit exactly for access to be granted.
Specification Reference	[WMLScript] Section 6.7.2
SCR Reference	WMLS-S-044
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/pragmas/access/5
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-122
Test Object	Client and Gateway
Test Case Assertion	When the 'path' attribute of the 'access' pragma of a destination compilation unit is specified as a relative path, it is converted to an absolute path by the user agent. It then defines the path prefix that is permitted access to the compilation unit - where each element of the prefix must match that of the current compilation unit exactly for access to be granted.
Specification Reference	[WMLScript] Section 6.7.2
SCR Reference	WMLS-S-044
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/pragmas/access/6
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-123

Test Object	Client and Gateway
Test Case Assertion	When there is no 'access' pragma in a destination compilation unit, this is equivalent to having an 'access' pragma with the 'public' attribute, and access is granted to any current compilation unit.
Specification Reference	[WMLScript] Section 6.7.2
SCR Reference	WMLS-S-044
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/core/pragmas/access/8
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.7. Automatic Data Type Conversion Rules

5.1.7.1. General Conversion Rules

Test Case ID	WMLS-2.0-con-124
Test Object	Client and Gateway
Test Case Assertion	The 'typeof' operator does not perform any type conversion and returns the exact type of a variable or expression.
Specification Reference	[WMLScript] Section 6.8.1
SCR Reference	???
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.7.2. Converstion to String

Test Case ID	WMLS-2.0-con-125
Test Object	Client and Gateway
Test Case Assertion	An integer value is converted to a string containing the digits that form the decimal representation of its value.
Specification Reference	[WMLScript] Section 6.8.2
SCR Reference	WMLS-C-072
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/string/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-126
Test Object	Client and Gateway
Test Case Assertion	A floating-point value is converted to an implementation-dependent string containing the digits that form the decimal representation of its value. The resulting string representation must be equal to the original value.
Specification Reference	[WMLScript] Section 6.8.2
SCR Reference	WMLS-C-072
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/string/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-127

Test Object	Client and Gateway
Test Case Assertion	The boolean value 'true' is converted to string "true". The boolean value 'false' is converted to string "false".
Specification Reference	[WMLScript] Section 6.8.2
SCR Reference	WMLS-C-072
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/string/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-128
Test Object	Client and Gateway
Test Case Assertion	The value 'invalid' cannot be converted to a string value.
Specification Reference	[WMLScript] Section 6.8.2
SCR Reference	WMLS-C-072
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/string/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.7.3. Converstion to Integer

Test Case ID	WMLS-2.0-con-129
Test Object	Client and Gateway
Test Case Assertion	A string can be converted to an integer value only if it contains a decimal

	representation of an integer number.
Specification Reference	[WMLScript] Section 6.8.3
SCR Reference	WMLS-C-073
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/integer/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-130
Test Object	Client and Gateway
Test Case Assertion	A floating-point value cannot be converted to an integer value.
Specification Reference	[WMLScript] Section 6.8.3
SCR Reference	WMLS-C-073
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/integer/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-131
Test Object	Client and Gateway
Test Case Assertion	The boolean value 'true' is converted to integer value '1'. The boolean value 'false' is converted to integer value '0'.
Specification Reference	[WMLScript] Section 6.8.3
SCR Reference	WMLS-C-073

Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/integer/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-132
Test Object	Client and Gateway
Test Case Assertion	The value 'invalid' cannot be converted to an integer value.
Specification Reference	[WMLScript] Section 6.8.3
SCR Reference	WMLS-C-073
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/integer/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.7.4. Conversion to Floating-Point

Test Case ID	WMLS-2.0-con-133
Test Object	Client and Gateway
Test Case Assertion	A string can be converted to a floating-point value only if it contains a valid decimal representation of a floating-point number.
Specification Reference	[WMLScript] Section 6.8.4
SCR Reference	WMLS-C-074
Tool	[VSWAP 2.0]
Test Code	See test procedure.

Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/float/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-134
Test Object	Client and Gateway
Test Case Assertion	An integer value is converted to a corresponding floating-point value.
Specification Reference	[WMLScript] Section 6.8.4
SCR Reference	WMLS-C-074
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/float/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-135
Test Object	Client and Gateway
Test Case Assertion	The boolean value 'true' is converted to floating-point value '1.0'. The boolean value 'false' is converted to floating-point value '0.0'.
Specification Reference	[WMLScript] Section 6.8.4
SCR Reference	WMLS-C-074
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/float/3

Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-136
Test Object	Client and Gateway
Test Case Assertion	The value 'invalid' cannot be converted to a floating-point value.
Specification Reference	[WMLScript] Section 6.8.4
SCR Reference	WMLS-C-074
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/float/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.7.5. Conversion to Boolean

Test Case ID	WMLS-2.0-con-137
Test Object	Client and Gateway
Test Case Assertion	The empty string is converted to boolean value 'false'. All other strings are converted to boolean value 'true'.
Specification Reference	[WMLScript] Section 6.8.5
SCR Reference	WMLS-C-075
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/boolean/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-138
Test Object	Client and Gateway
Test Case Assertion	An integer value '0' is converted to boolean value 'false'. All other integer numbers are converted to boolean value 'true'.
Specification Reference	[WMLScript] Section 6.8.5
SCR Reference	WMLS-C-075
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/boolean/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-139
Test Object	Client and Gateway
Test Case Assertion	A floating-point value '0.0' is converted to boolean value 'false'. All other floating-point numbers are converted to boolean value 'true'.
Specification Reference	[WMLScript] Section 6.8.5
SCR Reference	WMLS-C-075
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/boolean/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-140
Test Object	Client and Gateway

Test Case Assertion	The value 'invalid' cannot be converted to a boolean value.
Specification Reference	[WMLScript] Section 6.8.5
SCR Reference	WMLS-C-075
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/conversion/boolean/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.1.8. Operator Data Type Conversion Rules

Test Case ID	WMLS-2.0-con-141
Test Object	Client and Gateway
Test Case Assertion	When an operator expects operands of type boolean, if the operand is of type boolean or can be converted to a boolean value, then the operation is performed on the boolean values and its result is returned.
Specification Reference	[WMLScript] Section 6.9
SCR Reference	WMLS-C-077
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/operator/1
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-142
Test Object	Client and Gateway
Test Case Assertion	When an operator expects operands of type Integer, if the operand is of type Integer or can be converted to an Integer value, then the operation is

	performed on the Integer values and its result is returned.
Specification Reference	[WMLScript] Section 6.9
SCR Reference	WMLS-C-077
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/operator/2
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-143
Test Object	Client and Gateway
Test Case Assertion	When an operator expects operands of type Float, if the operand is of type Float or can be converted to a Float value, then the operation is performed on the Float values and its result is returned.
Specification Reference	[WMLScript] Section 6.9
SCR Reference	WMLS-C-077
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/operator/3
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-144
Test Object	Client and Gateway
Test Case Assertion	When a unary operator expects operands of either Integer or Floating Point, if the operand is of type Integer or Floating Point or can be converted to a Integer or Floating Point value, then the operation is performed on the Integer or Floating Point values and its result is returned.

Specification Reference	[WMLScript] Section 6.9
SCR Reference	WMLS-C-077
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/type/operator/4
Execution Type	Automatic
Pass-Criteria	The verification criterias in the test suite are met.

5.2. WMLScript Bytecode Interpreter

5.2.1. Character Set

Test Case ID	WMLS-2.0-con-145
Test Object	Client and Gateway
Test Case Assertion	The interpreter charset can be requested by using the Lang.characterSet() library function.
Specification Reference	[WMLScript] Section 8.2
SCR Reference	WMLS-C???
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/interpreter/charset/2
Execution Type	Manual
Pass-Criteria	The verification criterias in the test suite are met.

5.2.2. WMLScript and URLs

5.2.2.1. URL Calls and Parameter Passing

Test Case ID	WMLS-2.0-con-146

Test Object	Client and Gateway
Test Case Assertion	When a call to an external WMLScript function is made via the use of a URL fragment anchor the call will fail if the function does not exist in the external compliation unit.
Specification Reference	[WMLScript] Section 8.3.4
SCR Reference	WMLS-S-046, WMLS-C-083
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/interpreter/urls/calls/2
Execution Type	Manual
Pass-Criteria	The verification criterias in the test suite are met.

Test Case ID	WMLS-2.0-con-147
Test Object	Client and Gateway
Test Case Assertion	When a call to an external WMLScript function is made via the use of a URL fragment anchor the parameters list is passed to the external function.
Specification Reference	[WMLScript] Section 8.3.4
SCR Reference	WMLS-S-046, WMLS-C-083
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/interpreter/urls/calls/4
Execution Type	Manual
Pass-Criteria	The verification criterias in the test suite are met.

5.2.2.2. Relative URLs

Test Case ID	WMLS-2.0-con-148
Test Object	Client and Gateway

Test Case Assertion	When a call to an external WMLScript function is made via the use of a relative URL the calling scripts base URL is used as the base URL to identify the external compliation unit location.
Specification Reference	[WMLScript] Section 8.3.6
SCR Reference	WMLS-C-082
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscript/interpreter/urls/relative/1
Execution Type	Manual
Pass-Criteria	The verification criterias in the test suite are met.

6. SCR Mapping

Item	Mandatory/Optional	ETS Reference	Number of Test cases	Comments
WMLS-S-001	M	-	-	No Test case.
WMLS-S-002	M	-	-	No Test case.
WMLS-S-003	M	[5.1.1.1]	2	-
WMLS-S-004	M	[5.1.1.2]	1	-
WMLS-S-005	M	-	-	No Test case.
WMLS-S-006	M	[5.1.1.3]	2	-
WMLS-S-007	M	-	-	No Test case.
WMLS-S-008	M	-	-	No Test case.
WMLS-S-009	M	[5.1.1.4.1]	4	-
WMLS-S-010	M	[5.1.1.4.2]	1	-
WMLS-S-011	M	[5.1.1.4.2]	1	-
WMLS-S-012	M	[5.1.1.4.3]	1	-
WMLS-S-013	M	[5.1.1.4.4]	1	-
WMLS-S-014	M	-	-	No Test case.
WMLS-S-015	M	[5.1.2.1]	2	-.
WMLS-S-016	M	[5.1.2.2.1]	2	-
WMLS-S-017	M	[5.1.2.2.2]	4	-
WMLS-S-018	M	[5.1.3.1]	14	-
WMLS-S-019	M	[5.1.3.2]	20	-
WMLS-S-020	M	[5.1.3.3]	7	-
WMLS-S-021	M	[5.1.3.4]	2	-
WMLS-S-022	M	[5.1.3.5]	5	-
WMLS-S-023	M	-	-	No Test case.
WMLS-S-024	M	[5.1.3.6]	1	-
WMLS-S-025	M	[5.1.3.7]	2	-
WMLS-S-026	M	[5.1.3.8]	6	-
WMLS-S-027	M	[5.1.3.9]	2	-
WMLS-S-028	M	[5.1.3.10]	4	-

WMLS-S-029	M	[5.1.4.1]	3	-
WMLS-S-030	M	[5.1.4.2.1]	1	-
WMLS-S-031	M	[5.1.4.2.1.1]	1	-
WMLS-S-032	M	-	-	No Test case.
WMLS-S-033	M	[5.1.4.3]	2	-
WMLS-S-034	M	[5.1.5.1]	1	-
WMLS-S-035	M	-	-	No Test case.
WMLS-S-036	M	-	-	No Test case.
WMLS-S-037	M	[5.1.5.2]	3	-
WMLS-S-038	M	[5.1.5.3]	3	-
WMLS-S-039	M	[5.1.5.4]	6	-
WMLS-S-040	M	[5.1.5.5]	2	-
WMLS-S-041	M	[5.1.5.6]	2	-
WMLS-S-042	M	[5.1.5.7]	2	-
WMLS-S-043	M	[5.1.6.1]	1	-
WMLS-S-044	M	[5.1.6.2]	7	-
WMLS-S-045	M	-	-	No Test case.
WMLS-S-046	M	[5.2.2.1]	2	-
WMLS-S-047	M	-	-	No Test case.
WMLS-S-048	M	-	-	No Test case.
WMLS-S-049	M	-	-	No Test case.
WMLS-S-050	M	-	-	No Test case.
WMLS-S-051	M	-	-	No Test case.
WMLS-S-052	M	-	-	No Test case.
WMLS-S-053	M	-	-	No Test case.
WMLS-S-054	M	-	-	No Test case.
WMLS-S-055	M	-	-	No Test case.
WMLS-S-056	M	-	-	No Test case.
WMLS-S-057	M	-	-	No Test case.
WMLS-S-058	M	-	-	No Test case.
WMLS-S-059	M	-	-	No Test case.

WMLS-S-060	M	-	-	No Test case.
WMLS-S-061	M	-	-	No Test case.
WMLS-S-062	M	-	-	No Test case.
WMLS-S-063	M	-	-	No Test case.
WMLS-S-064	M	-	-	No Test case.
WMLS-S-065	M	-	-	No Test case.
WMLS-S-068	O	-	-	No Test case.
WMLS-C-069	M	-	-	No Test case.
WMLS-C-070	M	-	-	No Test case.
WMLS-C-071	O	[5.1.2.2.2]	4	-
WMLS-C-072	M	[5.1.7.2]	4	-
WMLS-C-073	M	[5.1.7.3]	4	-
WMLS-C-074	O	[5.1.7.4]	4	-
WMLS-C-075	M	[5.1.7.5]	4	-
WMLS-C-076	M	-	-	No Test case.
WMLS-C-077	M	[5.1.8]	4	-
WMLS-C-078	M	-	-	No Test case.
WMLS-C-079	M	-	-	No Test case.
WMLS-C-080	M	-	-	No Test case.
WMLS-C-081	M	-	-	No Test case.
WMLS-C-082	M	[5.2.2.2]	1	-
WMLS-C-083	M	[5.2.2.1]	2	-
WMLS-C-084	M	-	-	No Test case.
WMLS-C-085	M	-	-	No Test case.
WMLS-C-086	M	-	-	No Test case.
WMLS-C-087	M	-	-	No Test case.
WMLS-C-088	M	-	-	No Test case.
WMLS-C-089	M	-	-	No Test case.
WMLS-C-090	M	-	-	No Test case.
WMLS-C-091	M	-	-	No Test case.
WMLS-C-092	M	-	-	No Test case.

WMLS-C-093	M	-	-	No Test case.
WMLS-C-094	M	-	-	No Test case.
WMLS-C-095	M	-	-	No Test case.
WMLS-C-096	M	-	-	No Test case.
WMLS-C-097	M	-	-	No Test case.
WMLS-C-098	M	-	-	No Test case.
WMLS-C-099	M	-	-	No Test case.
WMLS-C-100	M	-	-	No Test case.
WMLS-C-101	M	-	-	No Test case.
WMLS-C-102	M	-	-	No Test case.
WMLS-C-103	M	-	-	No Test case.
WMLS-C-104	M	-	-	No Test case.
WMLS-C-105	M	-	-	No Test case.
WMLS-C-106	M	-	-	No Test case.
WMLS-C-107	M	-	-	No Test case.
WMLS-C-108	M	-	-	No Test case.
WMLS-C-109	M	-	-	No Test case.
WMLS-C-110	M	-	-	No Test case.
WMLS-C-111	M	-	-	No Test case.
WMLS-C-112	O	-	-	No Test case.
-	-	[5.1.1.5]	4	No Test case.
-	-	[5.1.7.1]	1	
-	-	[5.2.1]	1	

Appendix A.   Change History   (Informative)

A.1   Approved Version History

Reference	Date	Description
n/a	N/a	No prior version –or- No previous version within OMA

A.2   Draft/Candidate Version 1.1 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-IOP-WML-ETS-v1_0	2004-06-18		Initial draft.
Draft Versions OMA-IOP-WML-ETS-v1_1	2004-06-28		Secod draft, WML Script and Script Lib were added.
OMA-ETS_WML-V280901-20040909	2004-09-09		Splitted the initial document in 4 documents (WML 1.3, WML 2.0, WMLScript and WMLScriptLib.
OMA-ETS_WMLS-20040929	2004-09-29		Final Draft