

DRAFT

STANDARDS Landscape Information by W3C

Submitted By Philippe Le Hégaré**\$Date: 2005/02/22 18:31:01 \$****IDENTIFICATION**

1. The name of the specification	SOAP Version 1.2 Part 1: Messaging Framework
2. A short statement (<100 words) of the purpose and function of the specification	SOAP Version 1.2 is a lightweight protocol intended for exchanging structured information in a decentralized, distributed environment. "Part 1: Messaging Framework" defines, using XML technologies, an extensible messaging framework containing a message construct that can be exchanged over a variety of underlying protocols.
3. The version number (or other distinct identifier) of the most recently approved version of the specification	http://www.w3.org/TR/2003/REC-soap12-part1-20030624/
4. If the specification is part of a group of explicitly related specifications from the same source, the name of the group of specifications	SOAP Version 1.2
5. URI for the normative text of the specification	http://www.w3.org/TR/2003/REC-soap12-part1-20030624/

SOURCE

6. The name of the SDO that generated/authored/hosted the specification.	World Wide Web Consortium (W3C)
--	---------------------------------

7. URI for the SDO	http://www.w3.org/
8. The level of approval that the SDO has conferred on the specification as described by the SDO's process	W3C Recommendation
9. The language or languages in which the specification is available	English, French

SUBJECT

10. Which of the ITU-T TMN FCAPS model layers does the specification's functionality address?

Fault Management: Fixing broken resources.

Configuration Management: Controlling a resource's operational parameters.

Accounting Management: Recording and analyzing resource use.

Performance Management: Controlling speed and efficiency of resource use.

Security Management: Controlling access to resources.

11. Where does the specification directly operate, as among the layers defined in the ISO Open System Interconnect (OSI) model?

Physical layer

Data link layer

Network layer

Transport layer

Session layer



Presentation layer

Application layer.

12. Which of the following (CIM based) functional areas does the model of the specification address?:

Policy

	Management Infrastructure
	Physical Networks
	Logical Networks
	Physical Systems
	Logical Systems
	Physical Devices
	Logical Devices
	Physical Storage
	Physical Storage
	Operating Systems
	Databases
	Application Servers
	Application
	Users
	Security
	Support

OPTIONAL		
13. [Optional] The level of approval of the specification in this generic lifecycle taxonomy:		Proposed work
		Contributions received
		Preliminary SDO draft

		Initial public review
		Final approval
	✓	Product availability
		End-of-life (superceded, withdrawn, etc.)
14. [Optional] URI for the applicable SDO's patent and copyright rules, if any, applicable to development and use of the specification.	<p>This document has been produced under the 24 January 2002 CPP [1] as amended by the W3C Patent Policy Transition Procedure [2].</p> <ol style="list-style-type: none"> 1. http://www.w3.org/TR/2002/NOTE-patent-practice-20020124 2. http://www.w3.org/2004/02/05-pp-transition 	
15. [Optional] URI for the SDO's posting location, (if any) for notices from participants or individuals regarding claims under number 14	http://www.w3.org/2000/xp/Group/2/10/16-IPR-statements.html	
16. [Optional] Interoperability, conformance, or certification test activity for the specification (by owner name or URI)	http://www.w3.org/TR/2003/REC-soap12-testcollection-20030624/	
17. [Optional] Known implementations of the specification (by owner name or URI)	http://www.w3.org/2000/xp/Group/2/03/soap1.2implementation.html	

18. [Optional] A list (or URI pointer to same) of the other specifications that are normatively referenced in the specification.

- [1] W3C Working Draft "SOAP Version 1.2 Part 2: Adjuncts", Martin Gudgin, Marc Hadley, Jean-Jacques Moreau, Henrik Frystyk Nielsen, 26 June 2002 (See <http://www.w3.org/TR/2002/WD-soap12-part2-20020626>.)
- [2] IETF "RFC 2616: Hypertext Transfer Protocol -- HTTP/1.1", R. Fielding, J. Gettys, J. C. Mogul, H. Frystyk Nielsen, T. Berners-Lee, January 1997. (See <http://www.ietf.org/rfc/rfc2616.txt>.)
- [3] IETF "RFC 2119: Key words for use in RFCs to Indicate Requirement Levels", S. Bradner, March 1997. (See <http://www.ietf.org/rfc/rfc2119.txt>.)
- [4] W3C Recommendation "XML Schema Part 1: Structures", Henry S. Thompson, David Beech, Murray Maloney, Noah Mendelsohn, 2 May 2001. (See <http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/>.)
- [5] W3C Recommendation "XML Schema Part 2: Datatypes", Paul V. Biron, Ashok Malhotra, 2 May 2001. (See <http://www.w3.org/TR/2001/REC-xmlschema-2-20010502/>.)
- [6] IETF "RFC 2396: Uniform Resource Identifiers (URI): Generic Syntax", T. Berners-Lee, R. Fielding, L. Masinter, August 1998. (See <http://www.ietf.org/rfc/rfc2396.txt>.)
- [7] W3C Recommendation "Namespaces in XML", Tim Bray, Dave Hollander, Andrew Layman, 14 January 1999. (See <http://www.w3.org/TR/1999/REC-xml-names-19990114/>.)
- [8] W3C Recommendation "Extensible Markup Language (XML) 1.0 (Second Edition)", Tim Bray, Jean Paoli, C. M. Sperberg-McQueen, Eve Maler, 6 October 2000. (See <http://www.w3.org/TR/2000/REC-xml-20001006>.)
- [9] W3C Recommendation "XML Linking Language (XLink) Version 1.0", Steve DeRose, Eve Maler, David Orchard, 27 June 2001. (See <http://www.w3.org/TR/2001/REC-xlink-20010627/>.)
- [10] W3C Recommendation "XML Information Set", John Cowan, Richard Tobin, 24 October 2001. (See <http://www.w3.org/TR/2001/REC-xml->

[infoaset-20011024/.](http://www.w3.org/TR/2001/REC-xmlbase-20010627/))

[11]

W3C Recommendation "XML Base", Johnathan Marsh, 27 June 2001.
(See [http://www.w3.org/TR/2001/REC-xmlbase-20010627/.](http://www.w3.org/TR/2001/REC-xmlbase-20010627/))

[12]

IETF "RFC 2732: Format for Literal IPv6 Addresses in URL's", R. Hinden, B. Carpenter, L. Masinter, December 1999. (See <http://www.ietf.org/rfc/rfc2732.txt>.)

[13]

IETF Internet Draft "The 'application/soap+xml' media type", M. Baker, M. Nottingham, "draft-baker-soap-media-reg-01.txt" June 19, 2002. (Work in progress). (See <http://www.w3.org/2000/xp/Group/2/06/18/draft-baker-soap-media-reg-01.txt>.)

19. [Optional] A list (or URI pointer to same) of the other specifications that are explicitly referenced in the specification (except the ones listed in number 17).

20. [Optional] A list (or URI pointer to same) of other specifications with which the specification may (speculatively) interoperate or act in complementary, compatible fashion.

21. [Optional] A list (or URI pointer to same) of other specifications. (Whether or not substitutable.)

IDENTIFICATION

1. The name of the specification	SOAP Version 1.2 Part 2: Adjuncts
2. The version number (or other distinct identifier) of the most recently approved version of the specification.	http://www.w3.org/TR/2003/REC-soap12-part2-20030624/
3. If the specification is part of a group of explicitly related specifications from the same source, the name of the group of specifications.	SOAP Version 1.2

SOURCE

4. The name of the SDO that generated/authored/hosted the specification.	World Wide Web Consortium (W3C)
5. The level of approval that the SDO has conferred on the specification as described by the SDO's process.	W3C Recommendation
6. The level of approval of the specification in this generic lifecycle taxonomy:	Proposed work

		Contributions received
		Preliminary SDO draft
		Initial public review
		First final approval
	✓	Commercially available
		End-of-life (superceded, withdrawn, etc.)
7. URI for the normative text of the specification		http://www.w3.org/TR/2003/REC-soap12-part2-20030624/
8. URI for the SDO		http://www.w3.org/
9. The language or languages in which the specification is available.		English, French

SUBJECT

10. Which of the ITU-T TMN FCAPS model layers does the specification's functionality address?

Fault Management: Fixing broken resources.

Configuration Management: Controlling a resource's operational parameters.

Accounting Management: Recording and analyzing resource use..

Performance Management: Controlling speed and efficiency of resource use.

Security Management: Controlling access to resources.

11. Where does the specification directly operate, as among the layers defined in the ISO Open System Interconnect (OSI) model?

Physical layer

Data link layer

		Network layer
	✓	Transport layer
		Session layer
	✓	Presentation layer
		Application layer.

OPTIONAL

12. [Optional] URI for the applicable SDO's patent and copyright rules, if any, applicable to development and use of the specification.

This document has been produced under the [24 January 2002 CPP](#) [1] as amended by the [W3C Patent Policy Transition Procedure](#) [2].

1. <http://www.w3.org/TR/2002/NOTE-patent-practice-20020124>
2. <http://www.w3.org/2004/02/05-pp-transition>

13. [Optional] URI for the SDO's posting location, (if any) for notices from participants or individuals regarding claims under item 6.3c.

<http://www.w3.org/2000/xp/Group/2/10/16-IPR-statements.html>

14. [Optional] Interoperability, conformance, or certification test activity for the specification (by owner name or URI).

<http://www.w3.org/TR/2003/REC-soap12-testcollection-20030624/>

<p>15. [Optional] Known implementations of the specification (by owner name or URI).</p>	<p>http://www.w3.org/2000/xp/Group/2/03/soap1.2implementation.html</p>
<p>16. [Optional] A short statement (<100 words) of the purpose and function of the specification.</p>	<p>SOAP Version 1.2 is a lightweight protocol intended for exchanging structured information in a decentralized, distributed environment. SOAP Version 1.2 Part 2: Adjuncts defines a set of adjuncts that may be used with SOAP Version 1.2 Part1: Messaging Framework. This specification depends on SOAP Version 1.2 Part 1: Messaging Framework.</p>
<p>17. [Optional] A list (or URI pointer to same) of the other specifications that are explicitly referenced in the specification.</p>	<p>[1] W3C Working Draft "SOAP Version 1.2 Part 1: Messaging Framework", Martin Gudgin, Marc Hadley, Jean-Jacques Moreau, Henrik Frystyk Nielsen, 26 June 2002 (See http://www.w3.org/TR/2002/WD-soap12-part1-20020626.)</p> <p>[2] IETF "RFC 2616: Hypertext Transfer Protocol -- HTTP/1.1", R. Fielding, J. Gettys, J. C. Mogul, H. Frystyk, T. Berners-Lee, January 1997. (See http://www.ietf.org/rfc/rfc2616.txt.)</p> <p>[3] IETF "RFC 2119: Key words for use in RFCs to Indicate Requirement Levels", S. Bradner, March 1997. (See http://www.ietf.org/rfc/rfc2119.txt.)</p> <p>[4] W3C Recommendation "XML Schema Part 1: Structures", Henry S. Thompson, David Beech, Murray Maloney, Noah Mendelsohn, 2 May 2001. (See http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/.)</p> <p>[5] W3C Recommendation "XML Schema Part 2: Datatypes", Paul V. Biron, Ashok Malhotra, 2 May 2001. (See http://www.w3.org/TR/2001/REC-xmlschema-2-20010502/.)</p> <p>[6] IETF "RFC 2396: Uniform Resource Identifiers (URI): Generic Syntax", T. Berners-Lee, R. Fielding, L. Masinter, August 1998. (See http://www.ietf.org/rfc/rfc2396.txt.)</p> <p>[7] W3C Recommendation "Namespaces in XML", Tim Bray, Dave Hollander, Andrew Layman, 14 January 1999. (See</p>

[http://www.w3.org/TR/1999/REC-xml-names-19990114/.](http://www.w3.org/TR/1999/REC-xml-names-19990114/))

[8]

W3C Recommendation "Extensible Markup Language (XML) 1.0 (Second Edition)", Tim Bray, Jean Paoli, C. M. Sperberg-McQueen, Eve Maler, 6 October 2000. (See <http://www.w3.org/TR/2000/REC-xml-20001006>.)

[9]

W3C Recommendation "XML Linking Language (XLink) Version 1.0", Steve DeRose, Eve Maler, David Orchard, 27 June 2001. (See [http://www.w3.org/TR/2001/REC-xlink-20010627/.](http://www.w3.org/TR/2001/REC-xlink-20010627/))

[10]

W3C Recommendation "XML Information Set", John Cowan, Richard Tobin, 24 October 2001. (See [http://www.w3.org/TR/2001/REC-xml-infoset-20011024/.](http://www.w3.org/TR/2001/REC-xml-infoset-20011024/))

[11]

IETF "RFC 3023: XML Media Types", M. Murata, S. St. Laurent, D. Kohn, July 1998. (See <http://www.ietf.org/rfc/rfc3023.txt>.)

[12]

IETF Internet Draft "The 'application/soap+xml' media type", M. Baker, M. Nottingham, "draft-baker-soap-media-reg-01.txt" June 19, 2002. (Work in progress). (See <http://www.w3.org/2000/xp/Group/2/06/18/draft-baker-soap-media-reg-01.txt>.)

18. [Optional] A list (or URI pointer to same) of other specifications with which the specification may (speculatively) interoperate or act in complementary, compatible fashion.

19. [Optional] A list (or URI pointer to same) of other similar or applicable specifications. (Whether or not substitutable.)

IDENTIFICATION

1. The name of the specification	SOAP Message Transmission Optimization Mechanism
2. The version number (or other distinct identifier) of the most recently approved version of the specification.	http://www.w3.org/TR/2005/REC-soap12-mtom-20050125/
3. If the specification is part of a group of explicitly related specifications from the same source, the name of the group of specifications.	

SOURCE

4. The name of the SDO that generated/authored/hosted the specification.	World Wide Web Consortium (W3C)
5. The level of approval that the SDO has conferred on the specification as described by the SDO's process.	W3C Recommendation

6. The level of approval of the specification in this generic lifecycle taxonomy:	Proposed work	
	Contributions received	
	Preliminary SDO draft	
	Initial public review	
	✓	First final approval
		Commercially available
		End-of-life (superceded, withdrawn, etc.)
7. URI for the normative text of the specification	http://www.w3.org/TR/2005/REC-soap12-mtom-20050125/	
8. URI for the SDO	http://www.w3.org/	
9. The language or languages in which the specification is available.	English	

SUBJECT

10. Which of the ITU-T TMN FCAPS model layers does the specification's functionality address?	Fault Management: Fixing broken resources.	
	Configuration Management: Controlling a resource's operational parameters.	
	Accounting Management: Recording and analyzing resource use..	
	Performance Management: Controlling speed and efficiency of resource use.	
	Security Management: Controlling access to resources.	
11. Where does the specification directly operate, as among the layers defined in the ISO	Physical layer	

Open System Interconnect (OSI) model?

Data link layer

Network layer



Transport layer

Session layer



Presentation layer

Application layer.

OPTIONAL

12. [Optional] URI for the applicable SDO's patent and copyright rules, if any, applicable to development and use of the specification.

This document has been produced under the [24 January 2002 CPP](#) [1] as amended by the [W3C Patent Policy Transition Procedure](#) [2].

1. <http://www.w3.org/TR/2002/NOTE-patent-practice-20020124>
2. <http://www.w3.org/2004/02/05-pp-transition>

13. [Optional] URI for the SDO's posting location, (if any) for notices from participants or individuals regarding claims under item 6.3c.

<http://www.w3.org/2000/xp/Group/2/10/16-IPR-statements.html>

14. [Optional] Interoperability, conformance, or certification test activity for the specification (by owner name or URI).

<http://www.w3.org/2000/xp/Group/4/08/implementation.html#test-traces>

<p>15. [Optional] Known implementations of the specification (by owner name or URI).</p>	<p>http://www.w3.org/2000/xp/Group/4/08/implementation.html</p>
<p>16. [Optional] A short statement (<100 words) of the purpose and function of the specification.</p>	<p>This document describes an abstract feature and a concrete implementation of it for optimizing the transmission and/or wire format of SOAP messages. The concrete implementation relies on the [XML-binary Optimized Packaging] format for carrying SOAP messages.</p>
<p>17. [Optional] A list (or URI pointer to same) of the other specifications that are explicitly referenced in the specification.</p>	<p>SOAP Version 1.2 Part 1: Messaging Framework <i>SOAP Version 1.2 Part 1: Messaging Framework</i>, Marc Hadley, Noah Mendelsohn, Jean-Jacques Moreau, <i>et. al.</i>, Editors. World Wide Web Consortium, 24 June 2003. This version is http://www.w3.org/TR/2003/REC-soap12-part1-20030624/. The latest version is available at http://www.w3.org/TR/soap12-part1/.</p> <p>SOAP Version 1.2 Part 2: Adjuncts <i>SOAP Version 1.2 Part 2: Adjuncts</i>, Henrik Frystyk Nielsen, Noah Mendelsohn, Jean-Jacques Moreau, <i>et. al.</i>, Editors. World Wide Web Consortium, 24 June 2003. This version is http://www.w3.org/TR/2003/REC-soap12-part2-20030624/. The latest version is available at http://www.w3.org/TR/soap12-part2/.</p> <p>XML-binary Optimized Packaging <i>XML-binary Optimized Packaging</i>, Mark Nottingham, Noah Mendelsohn, Martin Gudgin, and Hervé Ruellan, Editors. World Wide Web Consortium, 25 January 2005. This version is http://www.w3.org/TR/2005/REC-xop10-20050125/. The latest version is available at http://www.w3.org/TR/xop10/.</p> <p>SOAP 1.2 Attachment Feature <i>SOAP 1.2 Attachment Feature</i>, Hervé Ruellan and Henrik Frystyk Nielsen, Editors. World Wide Web Consortium, 08 June 2004. This version is http://www.w3.org/TR/2004/NOTE-soap12-af-20040608/. The latest version is available at http://www.w3.org/TR/soap12-af/.</p> <p>SOAP Optimized Serialization Use Cases and Requirements <i>SOAP Optimized Serialization Use Cases and Requirements</i>, Tony Graham, Mark Jones, and Anish Karmarkar, Editors. World Wide Web Consortium, 08 June 2004. This version is</p>

<http://www.w3.org/TR/2004/WD-soap12-os-ucr-20040608/>. The [latest version](#) is available at <http://www.w3.org/TR/soap12-os-ucr/>.

Resource Representation SOAP Header Block

[Resource Representation SOAP Header Block](#), Martin Gudgin, Yves Lafon, and Anish Karmarkar, Editors. World Wide Web Consortium, 25 January 2005. This version is <http://www.w3.org/TR/2005/REC-soap12-rep-20050125/>. The [latest version](#) is available at <http://www.w3.org/TR/soap12-rep/>.

Assigning Media Types to Binary Data in XML

[Assigning Media Types to Binary Data in XML](#), Ümit Yalçınalp and Anish Karmarkar, Editors. World Wide Web Consortium, 02 November 2004. This version is <http://www.w3.org/TR/2004/WD-xml-media-types-20041102/>. The [latest version](#) is available at <http://www.w3.org/TR/xml-media-types>.

Extensible Markup Language (XML) 1.0 (Third Edition)

[Extensible Markup Language \(XML\) 1.0 \(Third Edition\)](#), Jean Paoli, Eve Maler, Tim Bray, *et. al.*, Editors. World Wide Web Consortium, 04 February 2004. This version is <http://www.w3.org/TR/2004/REC-xml-20040204/>. The [latest version](#) is available at <http://www.w3.org/TR/REC-xml>.

Namespaces in XML

[Namespaces in XML](#), Andrew Layman, Dave Hollander, and Tim Bray, Editors. World Wide Web Consortium, 14 January 1999. This version is <http://www.w3.org/TR/1999/REC-xml-names-19990114/>. The [latest version](#) is available at <http://www.w3.org/TR/REC-xml-names>.

XML Information Set (Second Edition)

[XML Information Set \(Second Edition\)](#), Richard Tobin and John Cowan, Editors. World Wide Web Consortium, 04 Feb 2004. This version is <http://www.w3.org/TR/2004/REC-xml-infoset-20040204/>. The [latest version](#) is available at <http://www.w3.org/TR/xml-infoset>.

XML Schema Part 1: Structures Second Edition

[XML Schema Part 1: Structures Second Edition](#), David Beech, Murray Maloney, Henry S. Thompson, and Noah Mendelsohn, Editors. World Wide Web Consortium, 28 October 2004. This version is <http://www.w3.org/TR/2004/REC-xmlschema-1-20041028/>. The [latest version](#) is available at <http://www.w3.org/TR/xmlschema-1/>.

XML Schema Part 2: Datatypes Second Edition

[XML Schema Part 2: Datatypes Second Edition](#), Ashok Malhotra and Paul V. Biron, Editors. World Wide Web Consortium, 28 October 2004. This version is <http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/>. The [latest version](#) is available at

<http://www.w3.org/TR/xmlschema-2/>.

RFC 2119

[*Key words for use in RFCs to Indicate Requirement Levels*](#), S. Bradner, Editor. IETF, March 1997. This RFC is available at <http://www.ietf.org/rfc/rfc2119.txt>.

RFC 2387

[*The MIME Multipart/Related Content-type*](#), E. Levinson, Editor. IETF, August 1998. This RFC is available at <http://www.ietf.org/rfc/rfc2387.txt>.

RFC 2396

[*Uniform Resource Identifiers \(URI\): Generic Syntax*](#), T. Berners-Lee, R. Fielding and L. Masinter, Editors. IETF, August 1998. This RFC is available at <http://www.ietf.org/rfc/rfc2396.txt>.

RFC 3023

[*XML Media Types*](#), M. Murata, S. St.Laurent and D. Kohn, Editors. IETF, January 2001. This RFC is available at <http://www.ietf.org/rfc/rfc3023.txt>.

PASWA

[*Proposed Infoset Addendum to SOAP Messages with Attachments*](#), AT&T, BEA Systems, Canon, Microsoft Corporation, SAP AG and Tibco Software, April 2003. This document is available at <http://www.gotdotnet.com/team/jeffsch/paswa/paswa61.html>.

18. [Optional] A list (or URI pointer to same) of other specifications with which the specification may (speculatively) interoperate or act in complementary, compatible fashion.

19. [Optional] A list (or URI pointer to same) of other similar or applicable specifications. (Whether or not substitutable.)

IDENTIFICATION

1. The name of the specification	Resource Representation SOAP Header Block
2. The version number (or other distinct identifier) of the most recently approved version of the specification.	http://www.w3.org/TR/2005/REC-soap12-rep-20050125/
3. If the specification is part of a group of explicitly related specifications from the same source, the name of the group of specifications.	

SOURCE

4. The name of the SDO that generated/authored/hosted the specification.	World Wide Web Consortium (W3C)
5. The level of approval that the SDO has conferred on the specification as described by the SDO's process.	W3C Recommendation

6. The level of approval of the specification in this generic lifecycle taxonomy:	Proposed work	
	Contributions received	
	Preliminary SDO draft	
	Initial public review	
	First final approval	
	✓	Commercially available
		End-of-life (superceded, withdrawn, etc.)
7. URI for the normative text of the specification	http://www.w3.org/TR/2005/REC-soap12-rep-20050125/	
8. URI for the SDO	http://www.w3.org/	
9. The language or languages in which the specification is available.	English	

SUBJECT

10. Which of the ITU-T TMN FCAPS model layers does the specification's functionality address?	Fault Management: Fixing broken resources.	
	Configuration Management: Controlling a resource's operational parameters.	
	Accounting Management: Recording and analyzing resource use..	
	Performance Management: Controlling speed and efficiency of resource use.	
	Security Management: Controlling access to resources.	
	Physical layer	
11. Where does the specification directly operate, as among the layers defined in the ISO		

Open System Interconnect (OSI) model?

Data link layer

Network layer



Transport layer

Session layer



Presentation layer

Application layer.

OPTIONAL

12. [Optional] URI for the applicable SDO's patent and copyright rules, if any, applicable to development and use of the specification.

This document has been produced under the [24 January 2002 CPP](#) [1] as amended by the [W3C Patent Policy Transition Procedure](#) [2].

1. <http://www.w3.org/TR/2002/NOTE-patent-practice-20020124>
2. <http://www.w3.org/2004/02/05-pp-transition>

13. [Optional] URI for the SDO's posting location, (if any) for notices from participants or individuals regarding claims under item 6.3c.

<http://www.w3.org/2000/xp/Group/2/10/16-IPR-statements.html>

14. [Optional] Interoperability, conformance, or certification test activity for the specification (by owner name or URI).

<http://www.w3.org/2000/xp/Group/4/08/implementation.html#test-traces>

<p>15. [Optional] Known implementations of the specification (by owner name or URI).</p>	<p>http://www.w3.org/2000/xp/Group/4/08/implementation.html</p>
<p>16. [Optional] A short statement (<100 words) of the purpose and function of the specification.</p>	<p>This document describes an abstract feature and a concrete implementation of it for optimizing the transmission and/or wire format of SOAP messages. The concrete implementation relies on the [XML-binary Optimized Packaging] format for carrying SOAP messages.</p>
<p>17. [Optional] A list (or URI pointer to same) of the other specifications that are explicitly referenced in the specification.</p>	<p>SOAP Version 1.2 Part 1: Messaging Framework <i>SOAP Version 1.2 Part 1: Messaging Framework</i>, Marc Hadley, Noah Mendelsohn, Jean-Jacques Moreau, <i>et. al.</i>, Editors. World Wide Web Consortium, 24 June 2003. This version is http://www.w3.org/TR/2003/REC-soap12-part1-20030624/. The latest version is available at http://www.w3.org/TR/soap12-part1/.</p> <p>XML-binary Optimized Packaging <i>XML-binary Optimized Packaging</i>, Mark Nottingham, Noah Mendelsohn, Martin Gudgin, and Hervé Ruellan, Editors. World Wide Web Consortium, 25 January 2005. This version is http://www.w3.org/TR/2005/REC-xop10-20050125/. The latest version is available at http://www.w3.org/TR/xop10/.</p> <p>SOAP Message Transmission Optimization Mechanism <i>SOAP Message Transmission Optimization Mechanism</i>, Hervé Ruellan, Noah Mendelsohn, Martin Gudgin, and Mark Nottingham, Editors. World Wide Web Consortium, 25 January 2005. This version is http://www.w3.org/TR/2005/REC-soap12-mtom-20050125/. The latest version is available at http://www.w3.org/TR/soap12-mtom/.</p> <p>SOAP Optimized Serialization Use Cases and Requirements <i>SOAP Optimized Serialization Use Cases and Requirements</i>, Tony Graham, Mark Jones, and Anish Karmarkar, Editors. World Wide Web Consortium, 08 June 2004. This version is http://www.w3.org/TR/2004/WD-soap12-os-ucr-20040608/. The latest version is available at http://www.w3.org/TR/soap12-os-ucr/.</p> <p>XML Information Set (Second Edition) <i>XML Information Set (Second Edition)</i>, Richard Tobin and John Cowan, Editors. World Wide Web Consortium, 04 Feb 2004. This</p>

version is <http://www.w3.org/TR/2004/REC-xml-infoset-20040204>.
The [latest version](http://www.w3.org/TR/xml-infoset) is available at <http://www.w3.org/TR/xml-infoset>.

XML Schema Part 1: Structures Second Edition

[*XML Schema Part 1: Structures Second Edition*](#), David Beech, Murray Maloney, Henry S. Thompson, and Noah Mendelsohn, Editors. World Wide Web Consortium, 28 October 2004. This version is <http://www.w3.org/TR/2004/REC-xmlschema-1-20041028/>. The [latest version](http://www.w3.org/TR/xmlschema-1/) is available at <http://www.w3.org/TR/xmlschema-1/>.

XML Schema Part 2: Datatypes Second Edition

[*XML Schema Part 2: Datatypes Second Edition*](#), Ashok Malhotra and Paul V. Biron, Editors. World Wide Web Consortium, 28 October 2004. This version is <http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/>. The [latest version](http://www.w3.org/TR/xmlschema-2/) is available at <http://www.w3.org/TR/xmlschema-2/>.

RFC 2119

[*Key words for use in RFCs to Indicate Requirement Levels*](#), S. Bradner, Editor. IETF, March 1997. This RFC is available at <http://www.ietf.org/rfc/rfc2119.txt>.

RFC 2396

[*Uniform Resource Identifiers \(URI\): Generic Syntax*](#), T. Berners-Lee, R. Fielding and L. Masinter, Editors. IETF, August 1998. This RFC is available at <http://www.ietf.org/rfc/rfc2396.txt>.

RFC 2732

[*Format for Literal IPv6 Addresses in URL's*](#), R. Hinden, B. Carpenter and L. Masinter, Editors. IETF, December 1999. This RFC is available at <http://www.ietf.org/rfc/rfc2732.txt>.

Assigning Media Types to Binary Data in XML

[*Assigning Media Types to Binary Data in XML*](#), Ümit Yalçınalp and Anish Karmarkar, Editors. World Wide Web Consortium, 02 November 2004. This version is <http://www.w3.org/TR/2004/WD-xml-media-types-20041102>. The [latest version](http://www.w3.org/TR/xml-media-types) is available at <http://www.w3.org/TR/xml-media-types>.

18. [Optional] A list (or URI pointer to same) of other specifications with which the specification may (speculatively) interoperate or act in complementary, compatible fashion.

19. [Optional] A list (or URI pointer to same) of other similar or applicable specifications. (Whether or not substitutable.)

IDENTIFICATION

1. The name of the specification	Web Services Description Language (WSDL) Version 2.0 Part 1: Core Language
2. The version number (or other distinct identifier) of the most recently approved version of the specification.	http://www.w3.org/TR/2004/WD-wsdl20-20040803/

3. If the specification is part of a group of explicitly related specifications from the same source, the name of the group of specifications.

Web Services Description Language (WSDL) Version 2.0

SOURCE

4. The name of the SDO that generated/authored/hosted the specification.

World Wide Web Consortium (W3C)

5. The level of approval that the SDO has conferred on the specification as described by the SDO's process.

[W3C Working Draft](#)

6. The level of approval of the specification in this generic lifecycle taxonomy:

Proposed work

Contributions received

Preliminary SDO draft



Initial public review

First final approval

Commercially available

End-of-life (superceded, withdrawn, etc.)

7. URI for the normative text of the specification

<http://www.w3.org/TR/2004/WD-wsdl20-20040803/>

8. URI for the SDO

<http://www.w3.org/>

9. The language or languages in which the specification is available.

English

SUBJECT

10. Which of the ITU-T TMN FCAPS model layers does the specification's functionality address?

Fault Management: Fixing broken resources.

Configuration Management: Controlling a resource's operational parameters.

Accounting Management: Recording and analyzing resource use..

Performance Management: Controlling speed and efficiency of resource use.

Security Management: Controlling access to resources.

11. Where does the specification directly operate, as among the layers defined in the ISO Open System Interconnect (OSI) model?

Physical layer

Data link layer

Network layer

Transport layer

Session layer



Presentation layer

Application layer.

OPTIONAL

12. [Optional] URI for the applicable SDO's patent and copyright rules, if any, applicable to development and use of the specification.

This document has been produced under the [24 January 2002 CPP](#) [1] as amended by the [W3C Patent Policy Transition Procedure](#) [2].

1. <http://www.w3.org/TR/2002/NOTE-patent-practice-20020124>
2. <http://www.w3.org/2004/02/05-pp-transition>

13. [Optional] URI for the SDO's posting location, (if any) for notices from participants or individuals regarding claims under item 6.3c.	http://www.w3.org/2002/ws/desc/2/04/24-IPR-statements.html
14. [Optional] Interoperability, conformance, or certification test activity for the specification (by owner name or URI).	
15. [Optional] Known implementations of the specification (by owner name or URI).	
16. [Optional] A short statement (<100 words) of the purpose and function of the specification.	This specification defines the core language which can be used to describe Web services based on an abstract model of what the service offers. It also defines criteria for a conformant processor of this language.
17. [Optional] A list (or URI pointer to same) of the other specifications that are explicitly referenced in the specification.	<p>[IETF RFC 2119] <i>Key words for use in RFCs to Indicate Requirement Levels</i>, S. Bradner, Author. Internet Engineering Task Force, June 1999. Available at http://www.ietf.org/rfc/rfc2119.txt.</p> <p>[IETF RFC 2396] <i>Uniform Resource Identifiers (URI): Generic Syntax</i>, T. Berners-Lee, R. Fielding, L. Masinter, Authors. Internet Engineering Task Force, August 1998. Available at http://www.ietf.org/rfc/rfc2396.txt.</p> <p>[IETF RFC 2732] <i>Format for Literal IPv6 Addresses in URL's</i>, R. Hinden, B. Carpenter, L. Masinter Authors. Internet Engineering Task Force, December 1999. Available at http://www.ietf.org/rfc/rfc2732.txt.</p> <p>[XML 1.0] <i>Extensible Markup Language (XML) 1.0 (Second Edition)</i>, T. Bray,</p>

J. Paoli, C. M. Sperberg-McQueen, and E. Maler, Editors. World Wide Web Consortium, 10 February 1998, revised 6 October 2000. This version of the XML 1.0 Recommendation is <http://www.w3.org/TR/2000/REC-xml-20001006>. The [latest version of XML 1.0](#) is available at <http://www.w3.org/TR/REC-xml>.

[XML Information Set]

[XML Information Set](#), J. Cowan and R. Tobin, Editors. World Wide Web Consortium, 24 October 2001. This version of the XML Information Set Recommendation is <http://www.w3.org/TR/2001/REC-xml-infoset-20011024>. The [latest version of XML Information Set](#) is available at <http://www.w3.org/TR/xml-infoset>.

[XML Namespaces]

[Namespaces in XML](#), T. Bray, D. Hollander, and A. Layman, Editors. World Wide Web Consortium, 14 January 1999. This version of the XML Information Set Recommendation is <http://www.w3.org/TR/1999/REC-xml-names-19990114>. The [latest version of Namespaces in XML](#) is available at <http://www.w3.org/TR/REC-xml-names>.

[XML Schema: Structures]

[XML Schema Part 1: Structures](#), H. Thompson, D. Beech, M. Maloney, and N. Mendelsohn, Editors. World Wide Web Consortium, 2 May 2001. This version of the XML Schema Part 1 Recommendation is <http://www.w3.org/TR/2001/REC-xmlschema-1-20010502>. The [latest version of XML Schema Part 1](#) is available at <http://www.w3.org/TR/xmlschema-1>.

[XML Schema: Datatypes]

[XML Schema Part 2: Datatypes](#), P. Byron and A. Malhotra, Editors. World Wide Web Consortium, 2 May 2001. This version of the XML Schema Part 2 Recommendation is <http://www.w3.org/TR/2001/REC-xmlschema-2-20010502>. The [latest version of XML Schema Part 2](#) is available at <http://www.w3.org/TR/xmlschema-2>.

[RFC 3023]

IETF "RFC 3023: XML Media Types", M. Murata, S. St. Laurent, D. Kohn, July 1998. (See <http://www.ietf.org/rfc/rfc3023.txt>.)

[WSDL MediaType]

IETF Internet Draft "The 'application/wsdl+xml' media type", @@@. (Work to be done once we have consensus on the media type).

[WSDL 2.0 Bindings]

[Web Services Description Language \(WSDL\) Version 2.0 Part 3:](#)

[Bindings](#), H. Haas, P. Le Hégarret, J-J. Moreau, D. Orchard, J. Schlimmer, Editors. World Wide Web Consortium, 3 August 2004. This version of the "Web Services Description Language (WSDL) Version 2.0 Part 3: Bindings" Specification is available at <http://www.w3.org/TR/2004/WD-wsdl20-bindings-20040803>. The [latest version of "Web Services Description Language \(WSDL\) Version 2.0 Part 3: Bindings"](#) is available at <http://www.w3.org/TR/wsdl20-bindings>.

[WSDL 2.0 Predefined Extensions]

[Web Services Description Language \(WSDL\) Version 2.0 Part 2:](#)

[Predefined Extensions](#), M. Gudgin, A. Lewis, and J. Schlimmer, Editors. World Wide Web Consortium, 3 August 2004. This version of the "Web Services Description Language (WSDL) Version 2.0 Part 2: Predefined Extensions" Specification is available at <http://www.w3.org/TR/2004/WD-wsdl20-extensions-20040803>. The [latest version of "Web Services Description Language \(WSDL\) Version 2.0 Part 2: Predefined Extensions"](#) is available at <http://www.w3.org/TR/wsdl20-extensions>.

[WSDL 2.0 RDF Mapping]

[Web Services Description \(WSDL\) Version 2.0: RDF Mapping](#),

XYZ, Editors. World Wide Web Consortium, 3 August 2004. This version of the "Web Services Description Version 2.0: RDF Mapping" Specification is available at <http://www.w3.org/TR/2004/WD-wsdl20-extensions-20040803>. The [latest version of "Web Services Description Version 2.0: RDF Mapping"](#) is available at <http://www.w3.org/TR/wsdl20-extensions>.

[Character Model for the WWW]

[Character Model for the World Wide Web 1.0: Fundamentals](#), M.

Durst, F. Yergeau, R. Ishida, M. Wolf, T. Texin, Editors. W3C Working Draft, 25 February 2004. Available at <http://www.w3.org/TR/charmod/>.

[TAG URI FINDING]

[TAG Finding on URI Comparison](#), X. Foo, Y. Bar, Authors. W3C

Technical Architecture Group, Month, Year. [Draft available](#) at <http://www.textuality.com/tag/uri-comp-4>.

[Web Architecture]

[Architecture of the World Wide Web, First Edition](#), Ian Jacobs,

Editor. W3C Technical Architecture Group, December, 2003.

Available at <http://www.w3.org/TR/2003/WD-webarch-20031209/>.

[ISO/IEC 10646]

	<p><i>ISO/IEC 10646-1:2000. Information technology -- Universal Multiple-Octet Coded Character Set (UCS) -- Part 1: Architecture and Basic Multilingual Plane</i> (See http://www.iso.ch for the latest version.)</p> <p>[Unicode]</p> <p><i>The Unicode Consortium, The Unicode Standard, Version 4</i> , ISBN 0-321-18578-1, as updated from time to time by the publication of new versions. (See http://www.unicode.org/unicode/standard/versions for the latest version and additional information on versions of the standard and of the Unicode Character Database).</p>
18. [Optional] A list (or URI pointer to same) of other specifications with which the specification may (speculatively) interoperate or act in complementary, compatible fashion.	
19. [Optional] A list (or URI pointer to same) of other similar or applicable specifications. (Whether or not substitutable.)	

IDENTIFICATION

1. The name of the specification	Web Services Description Language (WSDL) Version 2.0 Part 2: Predefined Extensions
2. The version number (or other distinct identifier) of the most recently approved version of the specification.	http://www.w3.org/TR/2004/WD-wsdl20-extensions-20040803/
3. If the specification is part of a group of explicitly related specifications from the same source, the name of the group of specifications.	Web Services Description Language (WSDL) Version 2.0

SOURCE

4. The name of the SDO that generated/authored/hosted the specification.	World Wide Web Consortium (W3C)
5. The level of approval that the SDO has conferred on the specification as described by the SDO's process.	W3C Working Draft
6. The level of approval of the specification in this generic lifecycle taxonomy:	Proposed work
	Contributions received
	Preliminary SDO draft
	✓ Initial public review
	First final approval
	Commercially available
	End-of-life (superceded, withdrawn, etc.)
7. URI for the normative text of the specification	http://www.w3.org/TR/2004/WD-wsdl20-extensions-20040803/

8. URI for the SDO	http://www.w3.org/
9. The language or languages in which the specification is available.	English

SUBJECT

10. Which of the ITU-T TMN FCAPS model layers does the specification's functionality address?

Fault Management: Fixing broken resources.

Configuration Management: Controlling a resource's operational parameters.

Accounting Management: Recording and analyzing resource use..

Performance Management: Controlling speed and efficiency of resource use.

Security Management: Controlling access to resources.

11. Where does the specification directly operate, as among the layers defined in the ISO Open System Interconnect (OSI) model?

Physical layer

Data link layer

Network layer

Transport layer

Session layer



Presentation layer

Application layer.

OPTIONAL

<p>12. [Optional] URI for the applicable SDO's patent and copyright rules, if any, applicable to development and use of the specification.</p>	<p>This document has been produced under the 24 January 2002 CPP [1] as amended by the W3C Patent Policy Transition Procedure [2].</p> <ol style="list-style-type: none"> 1. http://www.w3.org/TR/2002/NOTE-patent-practice-20020124 2. http://www.w3.org/2004/02/05-pp-transition
<p>13. [Optional] URI for the SDO's posting location, (if any) for notices from participants or individuals regarding claims under item 6.3c.</p>	<p>http://www.w3.org/2002/ws/desc/2/04/24-IPR-statements.html</p>
<p>14. [Optional] Interoperability, conformance, or certification test activity for the specification (by owner name or URI).</p>	
<p>15. [Optional] Known implementations of the specification (by owner name or URI).</p>	
<p>16. [Optional] A short statement (<100 words) of the purpose and function of the specification.</p>	<p>These extensions include Message Exchange Patterns (MEPs), features, SOAP modules, and bindings of features. The Working Group has discussed and approved these extensions, and recommends their use with the Web Services Description Language (WSDL).</p>
<p>17. [Optional] A list (or URI pointer to same) of the other specifications that are explicitly referenced in the specification.</p>	<p>[IETF RFC 2119] Key words for use in RFCs to Indicate Requirement Levels, S. Bradner, Author. Internet Engineering Task Force, June 1999. Available at http://www.ietf.org/rfc/rfc2119.txt. [IETF RFC 2616] Hypertext Transfer Protocol -- HTTP/1.1, R. Fielding, J. Gettys, J. Mogul, H. Frystyk, L. Masinter, P. Leach, T. Berners-Lee, Authors. Internet Engineering Task Force, June 1999. Available at http://www.ietf.org/rfc/rfc2616.txt. [WSDL 2.0 Core Language] Web Services Description Language (WSDL) Version 2.0 Part 1:</p>

	<p><i>Core Language</i>, R.Chinnici, M.Gudgin, J-J. Moreau, S.Weerawarana Editors. World Wide Web Consortium, 3 August 2004. This version of the "Web Services Description Language (WSDL) Version 2.0 Part 1: Core Language" Specification is available at http://www.w3.org/TR/2004/WD-wsdl20-20040803. The <u>latest version of "Web Services Description Language (WSDL) Version 2.0 Part 1: Core Language"</u> is available at http://www.w3.org/TR/wsdl20.</p>
18. [Optional] A list (or URI pointer to same) of other specifications with which the specification may (speculatively) interoperate or act in complementary, compatible fashion.	
19. [Optional] A list (or URI pointer to same) of other similar or applicable specifications. (Whether or not substitutable.)	

IDENTIFICATION

1. The name of the specification	Web Services Description Language (WSDL) Version 2.0 Part 3: Bindings
2. The version number (or other distinct identifier) of the most recently approved version of the specification.	http://www.w3.org/TR/2004/WD-wsdl20-bindings-20040803/

3. If the specification is part of a group of explicitly related specifications from the same source, the name of the group of specifications.

Web Services Description Language (WSDL) Version 2.0

SOURCE

4. The name of the SDO that generated/authored/hosted the specification.

World Wide Web Consortium (W3C)

5. The level of approval that the SDO has conferred on the specification as described by the SDO's process.

[W3C Working Draft](#)

6. The level of approval of the specification in this generic lifecycle taxonomy:

Proposed work

Contributions received

Preliminary SDO draft



Initial public review

First final approval

Commercially available

End-of-life (superseded, withdrawn, etc.)

7. URI for the normative text of the specification

<http://www.w3.org/TR/2004/WD-wsdl20-bindings-20040803/>

8. URI for the SDO

<http://www.w3.org/>

9. The language or languages in which the specification is available.

English

SUBJECT

10. Which of the ITU-T TMN FCAPS model layers does the specification's functionality address?

Fault Management: Fixing broken resources.

Configuration Management: Controlling a resource's operational parameters.

Accounting Management: Recording and analyzing resource use..

Performance Management: Controlling speed and efficiency of resource use.

Security Management: Controlling access to resources.

11. Where does the specification directly operate, as among the layers defined in the ISO Open System Interconnect (OSI) model?

Physical layer

Data link layer

Network layer

Transport layer

Session layer



Presentation layer

Application layer.

OPTIONAL

12. [Optional] URI for the applicable SDO's patent and copyright rules, if any, applicable to development and use of the specification.

This document has been produced under the [24 January 2002 CPP](#) [1] as amended by the [W3C Patent Policy Transition Procedure](#) [2].

1. <http://www.w3.org/TR/2002/NOTE-patent-practice-20020124>

2. <http://www.w3.org/2004/02/05-pp-transition>

13. [Optional] URI for the SDO's posting location, (if any) for notices from participants or individuals regarding claims under item 6.3c.	http://www.w3.org/2002/ws/desc/2/04/24-IPR-statements.html
14. [Optional] Interoperability, conformance, or certification test activity for the specification (by owner name or URI).	
15. [Optional] Known implementations of the specification (by owner name or URI).	
16. [Optional] A short statement (<100 words) of the purpose and function of the specification.	WSDL Version 2.0 Bindings describes how to use WSDL in conjunction with SOAP 1.2 [SOAP 1.2 Part 1: Messaging Framework] and HTTP/1.1 [IETF RFC 2616] (as well as other versions of HTTP). This specification depends on WSDL Version 2.0 [WSDL 2.0 Core Language].
17. [Optional] A list (or URI pointer to same) of the other specifications that are explicitly referenced in the specification.	<p>[Canonical XML] Canonical XML, J. Boyer, Author. World Wide Web Consortium, 15 March 2001. This version of the Canonical XML Recommendation is http://www.w3.org/TR/2001/REC-xml-c14n-20010315. The latest version of Canonical XML is available at http://www.w3.org/TR/xml-c14n.</p> <p>[IETF RFC 2119] Key words for use in RFCs to Indicate Requirement Levels, S. Bradner, Author. Internet Engineering Task Force, June 1999. Available at http://www.ietf.org/rfc/rfc2119.txt.</p> <p>[IETF RFC 2388] Returning Values from Forms: multipart/form-data, L. Masinter, Author. Internet Engineering Task Force, August 1998. Available at http://www.ietf.org/rfc/rfc2388.txt.</p> <p>[IETF RFC 2396] Uniform Resource Identifiers (URI): Generic Syntax, T. Berners-Lee, R. Fielding, L. Masinter, Authors. Internet Engineering</p>

Task Force, August 1998. Available at
<http://www.ietf.org/rfc/rfc2396.txt>.

[IETF RFC 2616]

[*Hypertext Transfer Protocol -- HTTP/1.1*](#), R. Fielding, J. Gettys, J. Mogul, H. Frystyk, L. Masinter, P. Leach, T. Berners-Lee, Authors. Internet Engineering Task Force, June 1999. Available at <http://www.ietf.org/rfc/rfc2616.txt>.

[IETF RFC 2617]

[*HTTP Authentication: Basic and Digest Access Authentication*](#), J. Franks, P. Hallam-Baker, J. Hostetler, S. Lawrence, P. Leach, A. Luotonen, L. Stewart, June 1999. Available at <http://www.ietf.org/rfc/rfc2616.txt>.

[IETF RFC 2818]

[*HTTP Over TLS*](#), E. Rescorla, Author. Internet Engineering Task Force, May 2000. Available at <http://www.ietf.org/rfc/rfc2818.txt>.

[IETF RFC 2965]

[*HTTP State Management Mechanism*](#), D. Kristol, L. Montulli Authors. Internet Engineering Task Force, October 2000. Available at <http://www.ietf.org/rfc/rfc2965.txt>.

[IETF RFC 3023]

[*XML Media Types*](#), M. Murata, S. St. Laurent, D. Kohn, Authors. Internet Engineering Task Force, January 2001. Available at <http://www.ietf.org/rfc/rfc3023.txt>.

[XForms 1.0]

[*XForms 1.0*](#), M. Dubinko, et al., Editors. World Wide Web Consortium, 14 October 2003. This version of the XForms 1.0 Recommendation is <http://www.w3.org/TR/2003/REC-xforms-20031014/>. The [latest version of XForms 1.0](#) is available at <http://www.w3.org/TR/xforms/>.

[SOAP 1.2 Part 1: Messaging Framework]

[*SOAP Version 1.2 Part 1: Messaging Framework*](#), M. Gudgin, M. Hadley, N. Mendelsohn, J-J. Moreau, H. Frystyk Nielsen, Editors. World Wide Web Consortium, 24 June 2003. This version of the "SOAP Version 1.2 Part 1: Messaging Framework" Recommendation is <http://www.w3.org/TR/2003/REC-soap12-part1-20030624/>. The [latest version of "SOAP Version 1.2 Part 1: Messaging Framework"](#) is available at <http://www.w3.org/TR/soap12-part1/>.

[SOAP 1.2 Part 2: Adjuncts]

[*SOAP Version 1.2 Part 2: Adjuncts*](#), M. Gudgin, M. Hadley, N. Mendelsohn, J-J. Moreau, and H. Frystyk Nielsen, Editors.

World Wide Web Consortium, 7 May 2003. This version of the "SOAP Version 1.2 Part 2: Adjuncts" Recommendation is <http://www.w3.org/TR/2003/REC-soap12-part2-20030624/>. The [latest version of "SOAP Version 1.2 Part 2: Adjuncts"](#) is available at <http://www.w3.org/TR/soap12-part2/>.

[XML 1.0]

[*Extensible Markup Language \(XML\) 1.0 \(Second Edition\)*](#), T. Bray, J. Paoli, C. M. Sperberg-McQueen, and E. Maler, Editors. World Wide Web Consortium, 10 February 1998, revised 6 October 2000. This version of the XML 1.0 Recommendation is <http://www.w3.org/TR/2000/REC-xml-20001006>. The [latest version of XML 1.0](#) is available at <http://www.w3.org/TR/REC-xml>.

[XML Information Set]

[*XML Information Set*](#), J. Cowan and R. Tobin, Editors. World Wide Web Consortium, 24 October 2001. This version of the XML Information Set Recommendation is <http://www.w3.org/TR/2001/REC-xml-infoset-20011024>. The [latest version of XML Information Set](#) is available at <http://www.w3.org/TR/xml-infoset>.

[XML Schema Structures]

[*XML Schema Part 1: Structures*](#), H. Thompson, D. Beech, M. Maloney, and N. Mendelsohn, Editors. World Wide Web Consortium, 2 May 2001. This version of the XML Schema Part 1 Recommendation is <http://www.w3.org/TR/2001/REC-xmlschema-1-20010502>. The [latest version of XML Schema Part 1](#) is available at <http://www.w3.org/TR/xmlschema-1>.

[XML Schema Datatypes]

[*XML Schema Part 2: Datatypes*](#), P. Byron and A. Malhotra, Editors. World Wide Web Consortium, 2 May 2001. This version of the XML Schema Part 2 Recommendation is <http://www.w3.org/TR/2001/REC-xmlschema-2-20010502>. The [latest version of XML Schema Part 2](#) is available at <http://www.w3.org/TR/xmlschema-2>.

[WSDL 2.0 Core Language]

[*Web Services Description Language \(WSDL\) Version 2.0 Part 1: Core Language*](#), R. Chinnici, M. Gudgin, J-J. Moreau, S. Weerawarana, Editors. World Wide Web Consortium, 3 August 2004. This version of the "Web Services Description Language (WSDL) Version 2.0 Part 1: Core Language" Specification is available is available at <http://www.w3.org/TR/2004/WD-wsdl20->

	<p>20040803. The latest version of "Web Services Description Language (WSDL) Version 2.0 Part 1: Core Language" is available at http://www.w3.org/TR/wsdl20.</p> <p>[WSDL 2.0 Predefined Extensions]</p> <p>Web Services Description Language (WSDL) Version 2.0 Part 2: Predefined Extensions, M. Gudgin, A. Lewis, and J. Schlimmer, Editors. World Wide Web Consortium, 3 August 2004. This version of the "Web Services Description Language (WSDL) Version 2.0 Part 2: Predefined Extensions" Specification is available at http://www.w3.org/TR/2004/WD-wsdl20-extensions-20040803. The latest version of "Web Services Description Language (WSDL) Version 2.0 Part 2: Predefined Extensions" is available at http://www.w3.org/TR/wsdl20-extensions.</p>
18. [Optional] A list (or URI pointer to same) of other specifications with which the specification may (speculatively) interoperate or act in complementary, compatible fashion.	
19. [Optional] A list (or URI pointer to same) of other similar or applicable specifications. (Whether or not substitutable.)	

IDENTIFICATION	
1. The name of the specification	Web Services Addressing 1.0 - Core

2. The version number (or other distinct identifier) of the most recently approved version of the specification.	http://www.w3.org/TR/2005/WD-ws-addr-core-20050215
3. If the specification is part of a group of explicitly related specifications from the same source, the name of the group of specifications.	Web Services Addressing 1.0

SOURCE

4. The name of the SDO that generated/authored/hosted the specification.	World Wide Web Consortium (W3C)
5. The level of approval that the SDO has conferred on the specification as described by the SDO's process.	W3C Working Draft
6. The level of approval of the specification in this generic lifecycle taxonomy:	Proposed work
	Contributions received
	✓ Preliminary SDO draft
	Initial public review
	First final approval
	Commercially available
	End-of-life (superceded, withdrawn, etc.)
7. URI for the normative text of the specification	http://www.w3.org/TR/2005/WD-ws-addr-core-20050215
8. URI for the SDO	http://www.w3.org/
9. The language or languages in which the specification is available.	English

SUBJECT

10. Which of the ITU-T TMN FCAPS model layers does the specification's functionality address?

Fault Management: Fixing broken resources.

Configuration Management: Controlling a resource's operational parameters.

Accounting Management: Recording and analyzing resource use..

Performance Management: Controlling speed and efficiency of resource use.

Security Management: Controlling access to resources.

11. Where does the specification directly operate, as among the layers defined in the ISO Open System Interconnect (OSI) model?

Physical layer

Data link layer

Network layer

Transport layer

Session layer



Presentation layer

Application layer.

OPTIONAL

12. [Optional] URI for the applicable SDO's patent and copyright rules, if any, applicable to development and use of the specification.

This document was produced under the [5 February 2004 W3C Patent Policy](http://www.w3.org/Consortium/Patent-Policy-20040205/).

- <http://www.w3.org/Consortium/Patent-Policy-20040205/>

13. [Optional] URI for the SDO's posting location, (if any) for notices from participants or individuals regarding claims under item 6.3c.	http://www.w3.org/2004/01/pp-impl/36696/status#specs
14. [Optional] Interoperability, conformance, or certification test activity for the specification (by owner name or URI).	
15. [Optional] Known implementations of the specification (by owner name or URI).	
16. [Optional] A short statement (<100 words) of the purpose and function of the specification.	Web Services Addressing provides transport-neutral mechanisms to address Web services and messages. Web Services Addressing 1.0 - Core (this document) defines a set of abstract properties and an XML Infoset [XML Information Set] representation thereof to reference Web services and to facilitate end-to-end addressing of endpoints in messages. This specification enables messaging systems to support message transmission through networks that include processing nodes such as endpoint managers, firewalls, and gateways in a transport-neutral manner.
17. [Optional] A list (or URI pointer to same) of the other specifications that are explicitly referenced in the specification.	<p>[WS-Addressing-SOAP] Web Services Addressing 1.0 - SOAP Binding, M. Gudgin, M. Hadley, Editors.</p> <p>[WS-Addressing-WSDL] Web Services Addressing 1.0 - WSDL Binding, M. Gudgin, M. Hadley, Editors.</p> <p>[WSDL 2.0] Web Services Description Language 2.0, R. Chinnici, M. Gudgin, J. J. Moreau, J. Schlimmer, S. Weerawarana, Editors. World Wide Web Consortium, 3 August 2004. This version of the WSDL 2.0 specification is http://www.w3.org/TR/2004/WD-wsdl20-20040803. The latest version of WSDL 2.0 is available at http://www.w3.org/TR/wsdl20.</p> <p>[IETF RFC 2119]</p>

[*Key words for use in RFCs to Indicate Requirement Levels*](#), S. Bradner, Author. Internet Engineering Task Force, June 1999. Available at <http://www.ietf.org/rfc/rfc2119.txt>.

[RFC 3986]

T. Berners-Lee, et al, "Uniform Resource Identifier (URI): Generic Syntax," W3C/MIT, January 2005. (See <http://www.ietf.org/rfc/rfc3986.txt>.)

[XML 1.0]

[*Extensible Markup Language \(XML\) 1.0 \(Second Edition\)*](#), T. Bray, J. Paoli, C. M. Sperberg-McQueen, and E. Maler, Editors. World Wide Web Consortium, 10 February 1998, revised 6 October 2000. This version of the XML 1.0 Recommendation is <http://www.w3.org/TR/2000/REC-xml-20001006>. The [latest version of XML 1.0](#) is available at <http://www.w3.org/TR/REC-xml>.

[XML Namespaces]

[*Namespaces in XML*](#), T. Bray, D. Hollander, and A. Layman, Editors. World Wide Web Consortium, 14 January 1999. This version of the XML Information Set Recommendation is <http://www.w3.org/TR/1999/REC-xml-names-19990114>. The [latest version of Namespaces in XML](#) is available at <http://www.w3.org/TR/REC-xml-names>.

[XML Information Set]

[*XML Information Set*](#), J. Cowan and R. Tobin, Editors. World Wide Web Consortium, 24 October 2001. This version of the XML Information Set Recommendation is <http://www.w3.org/TR/2001/REC-xml-infoset-20011024>. The [latest version of XML Information Set](#) is available at <http://www.w3.org/TR/xml-infoset>.

[XML Schema Structures]

[*XML Schema Part 1: Structures*](#), H. Thompson, D. Beech, M. Maloney, and N. Mendelsohn, Editors. World Wide Web Consortium, 2 May 2001. This version of the XML Schema Part 1 Recommendation is <http://www.w3.org/TR/2001/REC-xmlschema-1-20010502>. The [latest version of XML Schema Part 1](#) is available at <http://www.w3.org/TR/xmlschema-1>.

[XML Schema Datatypes]

[*XML Schema Part 2: Datatypes*](#), P. Byron and A. Malhotra, Editors. World Wide Web Consortium, 2 May 2001. This version of the XML Schema Part 2 Recommendation is <http://www.w3.org/TR/2001/REC-xmlschema-2-20010502>. The

	<p>latest version of XML Schema Part 2 is available at http://www.w3.org/TR/xmlschema-2.</p> <p>[SOAP 1.2 Part 1: Messaging Framework]</p> <p>SOAP Version 1.2 Part 1: Messaging Framework, M. Gudgin, M. Hadley, N. Mendelsohn, J-J. Moreau, H. Frystyk Nielsen, Editors. World Wide Web Consortium, 24 June 2003. This version of the "SOAP Version 1.2 Part 1: Messaging Framework" Recommendation is http://www.w3.org/TR/2003/REC-soap12-part1-20030624/. The latest version of "SOAP Version 1.2 Part 1: Messaging Framework" is available at http://www.w3.org/TR/soap12-part1/.</p> <p>[WSDL 1.1]</p> <p>E. Christensen, et al, Web Services Description Language (WSDL) 1.1, March 2001.</p> <p>[WS-Security]</p> <p>OASIS, Web Services Security: SOAP Message Security, March 2004.</p>
<p>18. [Optional] A list (or URI pointer to same) of other specifications with which the specification may (speculatively) interoperate or act in complementary, compatible fashion.</p>	
<p>19. [Optional] A list (or URI pointer to same) of other similar or applicable specifications. (Whether or not substitutable.)</p>	

IDENTIFICATION

1. The name of the specification	Web Services Addressing 1.0 - SOAP Binding
2. The version number (or other distinct identifier) of the most recently approved version of the specification.	http://www.w3.org/TR/2005/WD-ws-addr-soap-20050215
3. If the specification is part of a group of explicitly related specifications from the same source, the name of the group of specifications.	Web Services Addressing 1.0

SOURCE

4. The name of the SDO that generated/authored/hosted the specification.	World Wide Web Consortium (W3C)
5. The level of approval that the SDO has conferred on the specification as described by the SDO's process.	W3C Working Draft
6. The level of approval of the specification in this generic lifecycle taxonomy:	Proposed work
	Contributions received
	✓ Preliminary SDO draft
	Initial public review
	First final approval
	Commercially available
7. URI for the normative text of the specification	End-of-life (superseded, withdrawn, etc.)
	http://www.w3.org/TR/2005/WD-ws-addr-soap-20050215

8. URI for the SDO	http://www.w3.org/
9. The language or languages in which the specification is available.	English

SUBJECT

10. Which of the ITU-T TMN FCAPS model layers does the specification's functionality address?

Fault Management: Fixing broken resources.

Configuration Management: Controlling a resource's operational parameters.

Accounting Management: Recording and analyzing resource use..

Performance Management: Controlling speed and efficiency of resource use.

Security Management: Controlling access to resources.

11. Where does the specification directly operate, as among the layers defined in the ISO Open System Interconnect (OSI) model?

Physical layer

Data link layer

Network layer

Transport layer

Session layer



Presentation layer

Application layer.

OPTIONAL

12. [Optional] URI for the applicable SDO's patent and copyright rules, if any, applicable to development and use of the specification.	<p>This document was produced under the 5 February 2004 W3C Patent Policy.</p> <ul style="list-style-type: none"> • http://www.w3.org/Consortium/Patent-Policy-20040205/
13. [Optional] URI for the SDO's posting location, (if any) for notices from participants or individuals regarding claims under item 6.3c.	<p>http://www.w3.org/2004/01/pp-impl/36696/status#specs</p>
14. [Optional] Interoperability, conformance, or certification test activity for the specification (by owner name or URI).	
15. [Optional] Known implementations of the specification (by owner name or URI).	
16. [Optional] A short statement (<100 words) of the purpose and function of the specification.	<p>Web Services Addressing 1.0 - SOAP Binding defines the binding of the abstract properties defined in Web Services Addressing 1.0 - Core to SOAP Messages.</p>

17. [Optional] A list (or URI pointer to same) of the other specifications that are explicitly referenced in the specification.

[WS-Addressing-Core]

[*Web Services Addressing 1.0 - Core*](#), M. Gudgin, M. Hadley, Editors.

[WS-Addressing-WSDL]

[*Web Services Addressing 1.0 - WSDL Binding*](#), M. Gudgin, M. Hadley, Editors.

[WSDL 2.0]

[*Web Services Description Language 2.0*](#), R. Chinnici, M. Gudgin, J. J. Moreau, J. Schlimmer, S. Weerawarana, Editors. World Wide Web Consortium, 3 August 2004. This version of the WSDL 2.0 specification is <http://www.w3.org/TR/2004/WD-wsdl20-20040803>. The [latest version of WSDL 2.0](#) is available at <http://www.w3.org/TR/wsdl20>.

[IETF RFC 2119]

[*Key words for use in RFCs to Indicate Requirement Levels*](#), S. Bradner, Author. Internet Engineering Task Force, June 1999. Available at <http://www.ietf.org/rfc/rfc2119.txt>.

[RFC 3986]

T. Berners-Lee, et al, "Uniform Resource Identifier (URI): Generic Syntax," W3C/MIT, January 2005. (See <http://www.ietf.org/rfc/rfc3986.txt>.)

[XML 1.0]

[*Extensible Markup Language \(XML\) 1.0 \(Second Edition\)*](#), T. Bray, J. Paoli, C. M. Sperberg-McQueen, and E. Maler, Editors. World Wide Web Consortium, 10 February 1998, revised 6 October 2000. This version of the XML 1.0 Recommendation is <http://www.w3.org/TR/2000/REC-xml-20001006>. The [latest version of XML 1.0](#) is available at <http://www.w3.org/TR/REC-xml>.

[XML Namespaces]

[*Namespaces in XML*](#), T. Bray, D. Hollander, and A. Layman, Editors. World Wide Web Consortium, 14 January 1999. This version of the XML Information Set Recommendation is <http://www.w3.org/TR/1999/REC-xml-names-19990114>. The [latest version of Namespaces in XML](#) is available at <http://www.w3.org/TR/REC-xml-names>.

[XML Information Set]

[*XML Information Set*](#), J. Cowan and R. Tobin, Editors. World Wide Web Consortium, 24 October 2001. This version of the XML Information Set Recommendation is <http://www.w3.org/TR/2001/REC-xml-infoset-20011024>. The

[latest version of XML Information Set](#) is available at

<http://www.w3.org/TR/xml-infoset>.

[XML Schema Structures]

[XML Schema Part 1: Structures](#), H. Thompson, D. Beech, M. Maloney, and N. Mendelsohn, Editors. World Wide Web Consortium, 2 May 2001. This version of the XML Schema Part 1 Recommendation is <http://www.w3.org/TR/2001/REC-xmlschema-1-20010502>. The [latest version of XML Schema Part 1](#) is available at <http://www.w3.org/TR/xmlschema-1>.

[XML Schema Datatypes]

[XML Schema Part 2: Datatypes](#), P. Byron and A. Malhotra, Editors. World Wide Web Consortium, 2 May 2001. This version of the XML Schema Part 2 Recommendation is <http://www.w3.org/TR/2001/REC-xmlschema-2-20010502>. The [latest version of XML Schema Part 2](#) is available at <http://www.w3.org/TR/xmlschema-2>.

[SOAP 1.2 Part 1: Messaging Framework]

[SOAP Version 1.2 Part 1: Messaging Framework](#), M. Gudgin, M. Hadley, N. Mendelsohn, J-J. Moreau, H. Frystyk Nielsen, Editors. World Wide Web Consortium, 24 June 2003. This version of the "SOAP Version 1.2 Part 1: Messaging Framework" Recommendation is <http://www.w3.org/TR/2003/REC-soap12-part1-20030624/>. The [latest version of "SOAP Version 1.2 Part 1: Messaging Framework"](#) is available at <http://www.w3.org/TR/soap12-part1/>.

[WSDL 1.1]

E. Christensen, et al, [Web Services Description Language \(WSDL\) 1.1](#), March 2001.

[SOAP 1.1]

Don Box, et al, [Simple Object Access Protocol \(SOAP\) 1.1](#), May 2000.

[WS-Security]

OASIS, [Web Services Security: SOAP Message Security](#), March 2004.

18. [Optional] A list (or URI pointer to same) of other specifications with which the specification may (speculatively) interoperate or act in complementary, compatible fashion.	
19. [Optional] A list (or URI pointer to same) of other similar or applicable specifications. (Whether or not substitutable.)	

IDENTIFICATION	
1. The name of the specification	Web Services Addressing 1.0 - WSDL Binding
2. The version number (or other distinct identifier) of the most recently approved version of the specification.	http://www.w3.org/TR/2005/WD-ws-addr-wsdl-20050215
3. If the specification is part of a group of explicitly related specifications from the same source, the name of the group of specifications.	Web Services Addressing 1.0

SOURCE

4. The name of the SDO that generated/authored/hosted the specification.	World Wide Web Consortium (W3C)	
5a. The level of approval that the SDO has conferred on the specification as described by the SDO's process.	W3C Working Draft	
6. The level of approval of the specification in this generic lifecycle taxonomy:		Proposed work
		Contributions received
	✓	Preliminary SDO draft
		Initial public review
		First final approval
		Commercially available
		End-of-life (superceded, withdrawn, etc.)
7. URI for the normative text of the specification	http://www.w3.org/TR/2005/WD-ws-addr-wsdl-20050215	
8. URI for the SDO	http://www.w3.org/	
9. The language or languages in which the specification is available.	English	

SUBJECT

10. Which of the ITU-T TMN FCAPS model layers does the specification's functionality address?

Fault Management: Fixing broken resources.

Configuration Management: Controlling a resource's operational parameters.

Accounting Management: Recording and analyzing resource use..

11. Where does the specification directly operate, as among the layers defined in the ISO Open System Interconnect (OSI) model?		Performance Management: Controlling speed and efficiency of resource use.
		Security Management: Controlling access to resources.
		Physical layer
		Data link layer
		Network layer
		Transport layer
		Session layer
	✓	Presentation layer
		Application layer.

OPTIONAL

12. [Optional] URI for the applicable SDO's patent and copyright rules, if any, applicable to development and use of the specification.	<p>This document was produced under the 5 February 2004 W3C Patent Policy.</p> <ul style="list-style-type: none"> • http://www.w3.org/Consortium/Patent-Policy-20040205/
13. [Optional] URI for the SDO's posting location, (if any) for notices from participants or individuals regarding claims under item 6.3c.	http://www.w3.org/2004/01/pp-impl/36696/status#specs

<p>14. [Optional] Interoperability, conformance, or certification test activity for the specification (by owner name or URI).</p>	
<p>15. [Optional] Known implementations of the specification (by owner name or URI).</p>	
<p>16. [Optional] A short statement (<100 words) of the purpose and function of the specification.</p>	<p>Web Services Addressing 1.0 - WSDL Binding defines how the abstract properties defined in Web Services Addressing 1.0 - Core are described using WSDL.</p>
<p>17. [Optional] A list (or URI pointer to same) of the other specifications that are explicitly referenced in the specification.</p>	<p>[WS-Addressing-Core] <i>Web Services Addressing 1.0 - Core</i>, M. Gudgin, M. Hadley, Editors.</p> <p>[WS-Addressing-SOAP] <i>Web Services Addressing 1.0 - SOAP Binding</i>, M. Gudgin, M. Hadley, Editors.</p> <p>[WSDL 2.0] <i>Web Services Description Language 2.0</i>, R. Chinnici, M. Gudgin, J. J. Moreau, J. Schlimmer, S. Weerawarana, Editors. World Wide Web Consortium, 3 August 2004. This version of the WSDL 2.0 specification is http://www.w3.org/TR/2004/WD-wsdl20-20040803. The latest version of WSDL 2.0 is available at http://www.w3.org/TR/wsdl20.</p> <p>[IETF RFC 2119] <i>Key words for use in RFCs to Indicate Requirement Levels</i>, S. Bradner, Author. Internet Engineering Task Force, June 1999. Available at http://www.ietf.org/rfc/rfc2119.txt.</p> <p>[RFC 3986] T. Berners-Lee, et al, "Uniform Resource Identifier (URI): Generic Syntax," W3C/MIT, January 2005. (See http://www.ietf.org/rfc/rfc3986.txt.)</p> <p>[XML 1.0] <i>Extensible Markup Language (XML) 1.0 (Second Edition)</i>, T. Bray, J. Paoli, C. M. Sperberg-McQueen, and E. Maler, Editors.</p>

World Wide Web Consortium, 10 February 1998, revised 6 October 2000. This version of the XML 1.0 Recommendation is <http://www.w3.org/TR/2000/REC-xml-20001006>. The [latest version of XML 1.0](#) is available at <http://www.w3.org/TR/REC-xml>.

[XML Namespaces]

[Namespaces in XML](#), T. Bray, D. Hollander, and A. Layman, Editors. World Wide Web Consortium, 14 January 1999. This version of the XML Information Set Recommendation is <http://www.w3.org/TR/1999/REC-xml-names-19990114>. The [latest version of Namespaces in XML](#) is available at <http://www.w3.org/TR/REC-xml-names>.

[XML Information Set]

[XML Information Set](#), J. Cowan and R. Tobin, Editors. World Wide Web Consortium, 24 October 2001. This version of the XML Information Set Recommendation is <http://www.w3.org/TR/2001/REC-xml-infoset-20011024>. The [latest version of XML Information Set](#) is available at <http://www.w3.org/TR/xml-infoset>.

[XML Schema Structures]

[XML Schema Part 1: Structures](#), H. Thompson, D. Beech, M. Maloney, and N. Mendelsohn, Editors. World Wide Web Consortium, 2 May 2001. This version of the XML Schema Part 1 Recommendation is <http://www.w3.org/TR/2001/REC-xmlschema-1-20010502>. The [latest version of XML Schema Part 1](#) is available at <http://www.w3.org/TR/xmlschema-1>.

[XML Schema Datatypes]

[XML Schema Part 2: Datatypes](#), P. Byron and A. Malhotra, Editors. World Wide Web Consortium, 2 May 2001. This version of the XML Schema Part 2 Recommendation is <http://www.w3.org/TR/2001/REC-xmlschema-2-20010502>. The [latest version of XML Schema Part 2](#) is available at <http://www.w3.org/TR/xmlschema-2>.

[SOAP 1.2 Part 1: Messaging Framework]

[SOAP Version 1.2 Part 1: Messaging Framework](#), M. Gudgin, M. Hadley, N. Mendelsohn, J-J. Moreau, H. Frystyk Nielsen, Editors. World Wide Web Consortium, 24 June 2003. This version of the "SOAP Version 1.2 Part 1: Messaging Framework" Recommendation is <http://www.w3.org/TR/2003/REC-soap12-part1-20030624/>. The [latest version of "SOAP Version 1.2 Part 1: Messaging Framework"](#) is available at

	<p>http://www.w3.org/TR/soap12-part1/.</p> <p>[WSDL 1.1] E. Christensen, et al, <i>Web Services Description Language (WSDL) 1.1</i>, March 2001.</p> <p>[WS-Security] OASIS, <i>Web Services Security: SOAP Message Security</i>, March 2004.</p>
18. [Optional] A list (or URI pointer to same) of other specifications with which the specification may (speculatively) interoperate or act in complementary, compatible fashion.	
19. [Optional] A list (or URI pointer to same) of other similar or applicable specifications. (Whether or not substitutable.)	