



# 1 Web Services Reliable Messaging (WS- 2 ReliableMessaging) Version 1.1 Errata

## 3 Committee Draft 01

4 05 October 2007

### 5 Specification URIs:

#### 6 This Version:

7 <http://docs.oasis-open.org/ws-rx/wsrn/200702/wsrn-1.1-errata-cd-01.pdf>

8 <http://docs.oasis-open.org/ws-rx/wsrn/200702/wsrn-1.1-errata-cd-01.html>

9 <http://docs.oasis-open.org/ws-rx/wsrn/200702/wsrn-1.1-errata-cd-01.doc>

#### 10 Previous Version:

11 N/A

#### 12 Latest Version:

13 <http://docs.oasis-open.org/ws-rx/wsrn/200702/wsrn-1.1-errata.pdf>

14 <http://docs.oasis-open.org/ws-rx/wsrn/200702/wsrn-1.1-errata.html>

15 <http://docs.oasis-open.org/ws-rx/wsrn/200702/wsrn-1.1-errata.doc>

#### 16 Technical Committee:

17 OASIS Web Services Reliable Exchange (WS-RX) TC

#### 18 Chairs:

19 Paul Fremantle <[paul@wso2.com](mailto:paul@wso2.com)>

20 Sanjay Patil <[sanjay.patil@sap.com](mailto:sanjay.patil@sap.com)>

#### 21 Editors:

22 Doug Davis, IBM <[dug@us.ibm.com](mailto:dug@us.ibm.com)>

23 Anish Karmarkar, Oracle <[Anish.Karmarkar@oracle.com](mailto:Anish.Karmarkar@oracle.com)>

24 Gilbert Pilz, BEA <[gpilz@bea.com](mailto:gpilz@bea.com)>

25 Steve Winkler, SAP <[steve.winkler@sap.com](mailto:steve.winkler@sap.com)>

26 Ümit Yalçınalp, SAP <[umit.yalcinalp@sap.com](mailto:umit.yalcinalp@sap.com)>

#### 27 Related Work:

28 This specification errata is related to WS-ReliableMessaging v1.1.

#### 29 Abstract:

30 This document lists errata for the OASIS Web Services Reliable Messaging Version 1.1 OASIS  
31 Standard [WS-RM] produced by the WS-RX Technical Committee. The standard was approved  
32 by the OASIS membership on 14 June 2007.

#### 33 Status:

34 This document was last revised or approved by the WS-RX Technical Committee on the above  
35 date. The level of approval is also listed above. Check the "Latest Version" or "Latest Approved  
36 Version" location noted above for possible later revisions of this document.

37 Technical Committee members should send comments on this specification to the Technical  
38 Committee's email list. Others should send comments to the Technical Committee by using the  
39 "Send A Comment" button on the Technical Committee's web page at [http://www.oasis-  
40 open.org/committees/ws-rx/](http://www.oasis-open.org/committees/ws-rx/).

41 For information on whether any patents have been disclosed that may be essential to  
42 implementing this specification, and any offers of patent licensing terms, please refer to the  
43 Intellectual Property Rights section of the Technical Committee web page ([http://www.oasis-](http://www.oasis-open.org/committees/ws-rx/jpr.php)  
44 [open.org/committees/ws-rx/jpr.php](http://www.oasis-open.org/committees/ws-rx/jpr.php)).  
45 The non-normative errata page for this specification is located at [http://www.oasis-](http://www.oasis-open.org/committees/ws-rx/)  
46 [open.org/committees/ws-rx/](http://www.oasis-open.org/committees/ws-rx/).

---

## 47 Notices

48 Copyright © OASIS® 1993–2007. All Rights Reserved.

49 All capitalized terms in the following text have the meanings assigned to them in the OASIS Intellectual  
50 Property Rights Policy (the "OASIS IPR Policy"). The full Policy may be found at the OASIS website.

51 This document and translations of it may be copied and furnished to others, and derivative works that  
52 comment on or otherwise explain it or assist in its implementation may be prepared, copied, published,  
53 and distributed, in whole or in part, without restriction of any kind, provided that the above copyright notice  
54 and this section are included on all such copies and derivative works. However, this document itself may  
55 not be modified in any way, including by removing the copyright notice or references to OASIS, except as  
56 needed for the purpose of developing any document or deliverable produced by an OASIS Technical  
57 Committee (in which case the rules applicable to copyrights, as set forth in the OASIS IPR Policy, must be  
58 followed) or as required to translate it into languages other than English.

59 The limited permissions granted above are perpetual and will not be revoked by OASIS or its successors  
60 or assigns.

61 This document and the information contained herein is provided on an "AS IS" basis and OASIS  
62 DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY  
63 WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY  
64 OWNERSHIP RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A  
65 PARTICULAR PURPOSE.

66 OASIS requests that any OASIS Party or any other party that believes it has patent claims that would  
67 necessarily be infringed by implementations of this OASIS Committee Specification or OASIS Standard, to  
68 notify OASIS TC Administrator and provide an indication of its willingness to grant patent licenses to such  
69 patent claims in a manner consistent with the IPR Mode of the OASIS Technical Committee that produced  
70 this specification.

71 OASIS invites any party to contact the OASIS TC Administrator if it is aware of a claim of ownership of any  
72 patent claims that would necessarily be infringed by implementations of this specification by a patent  
73 holder that is not willing to provide a license to such patent claims in a manner consistent with the IPR  
74 Mode of the OASIS Technical Committee that produced this specification. OASIS may include such claims  
75 on its website, but disclaims any obligation to do so.

76 OASIS takes no position regarding the validity or scope of any intellectual property or other rights that  
77 might be claimed to pertain to the implementation or use of the technology described in this document or  
78 the extent to which any license under such rights might or might not be available; neither does it represent  
79 that it has made any effort to identify any such rights. Information on OASIS' procedures with respect to  
80 rights in any document or deliverable produced by an OASIS Technical Committee can be found on the  
81 OASIS website. Copies of claims of rights made available for publication and any assurances of licenses  
82 to be made available, or the result of an attempt made to obtain a general license or permission for the  
83 use of such proprietary rights by implementers or users of this OASIS Committee Specification or OASIS  
84 Standard, can be obtained from the OASIS TC Administrator. OASIS makes no representation that any  
85 information or list of intellectual property rights will at any time be complete, or that any claims in such list  
86 are, in fact, Essential Claims.

87 The name "OASIS", WS-ReliableMessaging, WSRM and WS-RX are trademarks of OASIS, the owner  
88 and developer of this specification, and should be used only to refer to the organization and its official  
89 outputs. OASIS welcomes reference to, and implementation and use of, specifications, while reserving the  
90 right to enforce its marks against misleading uses. Please see [http://www.oasis-](http://www.oasis-open.org/who/trademark.php)  
91 [open.org/who/trademark.php](http://www.oasis-open.org/who/trademark.php) for above guidance.

---

## 92 Table of Contents

93	1	List of Changes.....	5
94	1.1	Section 1.3 Non-Normative References, line 253-255: .....	5
95	1.2	Section 1.3 Non-Normative References, line 260-262: .....	5
96	1.3	Section 1.4 Namespace, line 291: .....	5
97	1.4	Use of the word "Sequence":.....	5
98	1.5	References to WS-RM and WS-Addressing XML items: .....	5
99	1.6	Use of the word "Offer": .....	6
100	1.7	Use of the word "Identifier": .....	6
101	1.8	Appendix B. WSDL, line 1804: .....	6
102	1.9	Appendix B. WSDL, Line 1797: .....	6
103	1.10	Appendix D. State Tables, line 2141: .....	7
104	1.11	Appendix B. WSDL, line 2141: .....	7
105	2	References .....	8
106		Appendix A. Acknowledgments .....	9
107			

---

## 108 **1 List of Changes**

### 109 **1.1 Section 1.3 Non-Normative References, line 253-255:**

110 Replace:

111 W3C Candidate Recommendation, "[Web Services Policy 1.5 - Framework](http://www.w3.org/TR/2007/CR-ws-policy-20070228)," February 2007.  
112 <http://www.w3.org/TR/2007/CR-ws-policy-20070228>

113 With:

114 W3C Recommendation, "[Web Services Policy 1.5 - Framework](http://www.w3.org/TR/2007/REC-ws-policy-20070904)," September 2007.  
115 <http://www.w3.org/TR/2007/REC-ws-policy-20070904>

### 116 **1.2 Section 1.3 Non-Normative References, line 260-262:**

117 Replace:

118 W3C Candidate Recommendation, "[Web Services Policy 1.5 - Attachment](http://www.w3.org/TR/2007/CR-ws-policy-attach-20070228)," February 2007.  
119 <http://www.w3.org/TR/2007/CR-ws-policy-attach-20070228>

120 With:

121 W3C Recommendation, "[Web Services Policy 1.5 - Attachment](http://www.w3.org/TR/2007/REC-ws-policy-attach-20070904)," September 2007.  
122 <http://www.w3.org/TR/2007/REC-ws-policy-attach-20070904>

### 123 **1.3 Section 1.4 Namespace, line 291:**

124 Replace:

wsam	<a href="http://www.w3.org/2007/02/addressing/metadata">http://www.w3.org/2007/02/addressing/metadata</a>
------	---

125 With:

wsam	<a href="http://www.w3.org/2007/05/addressing/metadata">http://www.w3.org/2007/05/addressing/metadata</a>
------	---

### 126 **1.4 Use of the word "Sequence":**

127 There are several places in the specification where the word "sequence" was used when referring to a  
128 WS-RM Sequence. These are replaced with the capitalized "S" version of the word. For example:

129 Replace:

130 sequence

131 With:

132 Sequence

### 133 **1.5 References to WS-RM and WS-Addressing XML items:**

134 In the text of the WS-RM specification, there are several places where the use of the WS-RM and WS-  
135 Addressing XML items are referenced. Some of these references incorrectly used the wrong font. They  
136 are changed to use Courier New 10pt. For example:

137 Replace:

138 AcksTo

139 With:

140 AcksTo

### 141 **1.6 Use of the word "Offer":**

142 There are several places in the specification where the word "Offer" was used when referring to a WS-RM  
143 Sequence that was created using the WS-RM Offer feature. These are replaced with the non-capitalized  
144 "o" version of the word as they did not refer to the WS-RM Offer element. For example:

145 Replace:

146 Offered

147 With:

148 offered

### 149 **1.7 Use of the word "Identifier":**

150 There are several places in the specification where the word "identifier" was used when referring to the  
151 WS-RM Identifier element. These are replaced with the capitalized "I" version of the word. For example:

152 Replace:

153 identifier

154 With:

155 Identifier

### 156 **1.8 Appendix B. WSDL, line 1804:**

157 Replace:

158 xmlns:wsam="http://www.w3.org/2007/02/addressing/metadata"

159 With:

160 xmlns:wsam="http://www.w3.org/2007/05/addressing/metadata"

### 161 **1.9 Appendix B. WSDL, Line 1797:**

162 Due to the change in the WSDL (see section 1.8, above), a new WSDL file was created.

163 Replace:

164 http://docs.oasis-open.org/ws-rx/wsrn/200702/wsrn-1.1-wsdl-200702.wsdl

165 With:

166 http://docs.oasis-open.org/ws-rx/wsrn/200702/wsrn-1.1-wsdl-200702e1.wsdl

167 **1.10 Appendix D. State Tables, line 2141:**

168 In the RM Source Sequence State Transition Table, on the " Message Number Rollover Fault [msg]"  
169 event, replace:

170 [Rollover]

171 With:

172 [Same]

173 **1.11 Appendix B. WSDL, line 2141:**

174 In the RM Source Sequence State Transition Table, on the " Expires exceeded [int]" event, replace:

175 {3.7}

176 With:

177 {3.4}

178

---

179 **2 References**

180 **[WS-RM]** OASIS WS-RX Technical OASIS Standard, "Web Services Reliable Messaging (  
181 [WS-RM](http://docs.oasis-open.org/ws-rx/wsrn/v1.1/wsrn.pdf))," June 2007  
182 <http://docs.oasis-open.org/ws-rx/wsrn/v1.1/wsrn.pdf>



---

## 183 Appendix A. Acknowledgments

184 This document is based on initial contribution to OASIS WS-RX Technical Committee by the following  
185 authors:

186	Ruslan Bilorusets, BEA	198	Amelia Lewis, TIBCO Software
187	Don Box, Microsoft	199	Rodney Limprecht, Microsoft
188	Luis Felipe Cabrera, Microsoft	200	Steve Lucco, Microsoft
189	Doug Davis, IBM	201	Don Mullen, TIBCO Software
190	Donald Ferguson, IBM	202	Anthony Nadalin, IBM
191	Christopher Ferris, IBM	203	Mark Nottingham, BEA
192	Tom Freund, IBM	204	David Orchard, BEA
193	Mary Ann Hondo, IBM	205	Jamie Roots, IBM
194	John Ibbotson, IBM	206	Shivajee Samdarshi, TIBCO Software
195	Lei Jin, BEA	207	John Shewchuk, Microsoft
196	Chris Kaler, Microsoft	208	Tony Storey, IBM
197	David Langworthy-Editor, Microsoft		

209 The following individuals have provided invaluable input into the initial contribution:

210	Keith Ballinger, Microsoft	224	David Ingham, Microsoft
211	Stefan Batres, Microsoft	225	Gopal Kakivaya, Microsoft
212	Rebecca Bergersen, Iona	226	Johannes Klein, Microsoft
213	Allen Brown, Microsoft	227	Frank Leymann, IBM
214	Michael Conner, IBM	228	Martin Nally, IBM
215	George Copeland, Microsoft	229	Peter Niblett, IBM
216	Francisco Curbera, IBM	230	Jeffrey Schlimmer, Microsoft
217	Paul Fremantle, IBM	231	James Snell, IBM
218	Steve Graham, IBM	232	Keith Stobie, Microsoft
219	Pat Helland, Microsoft	233	Satish Thatte, Microsoft
220	Rick Hill, Microsoft	234	Stephen Todd, IBM
221	Scott Hinkelman, IBM	235	Sanjiva Weerawarana, IBM
222	Tim Holloway, IBM	236	Roger Wolter, Microsoft
223	Efim Hudis, Microsoft		

237 The following individuals were members of the committee during the development of this specification:

238	Abbie Barbir, Nortel	257	Robert Freund, Hitachi
239	Charlton Barreto, Adobe	258	Peter Furniss, Erebore
240	Stefan Batres, Microsoft	259	Marc Goodner, Microsoft
241	Hamid Ben Malek, Fujitsu	260	Alastair Green, Choreology
242	Andreas Bjarlestam, Ericsson	261	Mike Grogan, Sun
243	Toufic Boubez, Layer 7	262	Ondrej Hrebicek, Microsoft
244	Doug Bunting, Sun	263	Kazunori Iwasa, Fujitsu
245	Lloyd Burch, Novell	264	Chamikara Jayalath, WSO2
246	Steve Carter, Novell	265	Lei Jin, BEA
247	Martin Chapman, Oracle	266	Ian Jones, BTplc
248	Dave Chappell, Sonic	267	Anish Karmarkar, Oracle
249	Paul Cotton, Microsoft	268	Paul Knight, Nortel
250	Glen Daniels, Sonic	269	Dan Leshchiner, Tibco
251	Doug Davis, IBM	270	Mark Little, JBoss
252	Blake Dournaee, Intel	271	Lily Liu, webMethods
253	Jacques Durand, Fujitsu	272	Matt Lovett, IBM
254	Colleen Evans, Microsoft	273	Ashok Malhotra, Oracle
255	Christopher Ferris, IBM	274	Jonathan Marsh, Microsoft
256	Paul Fremantle, WSO2	275	Daniel Millwood, IBM

276	Jeff Mischkinsky, Oracle	287	Stefan Rossmannith, SAP
277	Nilo Mitra, Ericsson	288	Tom Rutt, Fujitsu
278	Peter Niblett, IBM	289	Rich Salz, IBM
279	Duane Nickull, Adobe	290	Shivajee Samdarshi, Tibco
280	Eisaku Nishiyama, Hitachi	291	Vladimir Videlov, SAP
281	Dave Orchard, BEA	292	Claus von Riegen, SAP
282	Chouthri Palanisamy, NEC	293	Pete Wenzel, Sun
283	Sanjay Patil, SAP	294	Steve Winkler, SAP
284	Gilbert Pilz, BEA	295	Ümit Yalçinalp, SAP
285	Martin Raepple, SAP	296	Nobuyuki Yamamoto, Hitachi
286	Eric Rajkovic, Oracle		
297			