

² Web Services Reliable Messaging TC ³ Errata for WS-Reliability 1.1

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12	Abstract:
13	This specification is an Errata for OASIS Standard WS-Reliability 1.1
14	Status:
15	This document is Committee Draft 1.0 of the Errata for WS-Reliability 1.1. It contains
16	informative corrections to OASIS Standard wsrm-ws_reliability-v1.1-spec-os.
17	Committee members should send comments on this specification to the
18	wsrm@lists.oasis-open.org list. Others should use the comment form at
19	http://www.oasis-open.org/committees/comments/form.php?wg_abbrev=wsrm.
20	For information on whether any patents that may be essential to implementing this
21	specification have been disclosed and any offers of patent licensing terms, please refer
22	to the Intellectual Property Rights section of the Web Services Reliable Messaging TC
23	web page (http://www.oasis-open.org/committees/wsrm/).
24	

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33 1 Typographic Error

34	1.1 ReplyPatterType in ws-reliability-1.1.xsd		
35	In the productions on lines 127 thru 139 of the schema at:		
36	http://docs.oasis-open.org/wsrm/2004/06/ws-reliability-1.1.xsd :		
37	ű		
38	<xsd:complextype name="ReplyPatternType"></xsd:complextype>		
39	<xsd:sequence></xsd:sequence>		
40	<xsd:element name="Value" type="wsrm:ReplyPatterTypeValues"></xsd:element>		
41	<xsd:element minoccurs="0" name="ReplyTo" type="ref:ServiceRefType"></xsd:element>		
42			
43			
44	<xsd:simpletype name="ReplyPatternTypeValues"></xsd:simpletype>		
45	<xsd:restriction base="xsd:string"></xsd:restriction>		
46	<xsd:enumeration value="Response"></xsd:enumeration>		
47	<xsd:enumeration value="Callback"></xsd:enumeration>		
48	<xsd:enumeration value="Poll"></xsd:enumeration>		
49			
50			
51	ű		
52	There is an obvious typographical error (No 'n' at the end of Pattern) on line 129.		
53	ιι		
54	<xsd:element name="Value" type="wsrm:ReplyPatterTypeValues"></xsd:element>		
55	ű		
56	should be implemented as if it were the following:		
57	ű		
58	<xsd:element name="Value" type="wsrm:ReplyPatternTypeValues"></xsd:element>		
59	ú		
60	A corrected schema is posted (for information) at:		
61	http://www.oasis-open.org/apps/org/workgroup/wsrm/download.php/11630/ws-reliability-1.1.xs		

62 2 Clarification of Potential Ambiguities

63 **2.1 Group Termination Summary Table Clarifications**

64 The clarifications described in this section relate to group termination tables on page 48

65 2.1.1 Table 27 Second Row Clarification

66 67 The entry in Table 27, second row, second column, states the following: " 68 (after closing) In case GuaranteedDelivery is not required, remove the group immediately. 69 Otherwise, remove it if all messages have been either acknowledged or faulted 70 " 71 72 The last sentence could be clarified. since it might be interpreted in either of the two following 73 74 ways: All messages are acknowledged, or All message are faulted. 75 (1) (2) Zero or more of the messages are acknowledged and all other messages are faulted. 76 77 78 Common sense would lead to interpretation 2). 79 In secton 5.1.3.3, lines 1273 thru 1275 state the following for the sending rmp termination rules: 80 " 81 If GuaranteedDelivery was required, the RMP MUST remove the group once it has received 82 either acknowledgment or notification of delivery failure for all sent messages. 83 " 84 85 This confirms that interpretation 2) is the correct one. 86 87 88 Change the offending sentence to: " 89 In case GuaranteedDelivery is not required, remove the group immediately. Otherwise, remove it 90 if each message has either been acknowledged or faulted 91 " 92 93

94 **2.1.2 Table 27 Final Row Clarification**

95

The last row of the table 27 could be broken into two separate rows as it contains many combinations; some of which are not possible.

98

- 99 Given the condition in the first column:
- 100

"

"

- 101 When a group is ordered AND an unacknowledged message expires or faults.
- 102

103

104 For this case we cannot have the event "all messages are acknowledged" as a removal 105 condition.

106

- 107 Change: change the sentence to:
- 108
- 109 "Remove the group after each message has either been acknowledged or faulted."
- 110

111 **2.1.3 Clarification on How to read Tables 26 and 27**

In the section about group termination, tables 26 and 27 summarize the two events "group 112 closing" and "group removal" both at the sender RMP and receiver RMP. These two tables 113 facilitate comprehension of group termination rules for an implementer. However, they could be 114 enhanced to be clearer. 115 116 This errata item serves to clarify the intent of the tables in the ws-reliability-1.1 specification 117 118 119 The tables should be read as if each row was labeled, and the contents of the second column referred to the label of the row. 120

- 121
- 122 Errata Resolution:

123

- 124 The tables 26 and 27 should be read with the meaning shown in the following tables (the 125 changes from 2.1.1 and 2.1.2 above have also been applied):
- 126
- 127
- 128

129 (Section 5.1.3.6)

- 130 Conditions for terminating a group in a Receiving RMP
- 131

Termination case	Group Closing	Group Removal
T1	When @groupExpiryTime has passed.	(after closing) When @groupExpiryTime has passed.
T2	When the @groupMaxIdleDuration time- out has expired.	(after closing) When Max(ExpiryTime) has passed.
T3, T4	When a group is complete.	(after closing) When Max(ExpiryTime) has passed, (or when @groupExpiryTime expires, if exists).
T5	When a group is ordered AND an undelivered message expires or faults.	(after closing) When Max(ExpiryTime) has passed.

132

Table 26 Conditions for terminating a group – Receiving RMP

133 Conditions for terminating a group in a Sending RMP

Termination case	Group Closing	Group Removal
T1	When @groupExpiryTime has passed.	(after closing) When @groupExpiryTime has passed.
T2	When the @groupMaxIdleDuration time- out has expired.	(after closing) In case GuaranteedDelivery is not required, remove the group immediately. Otherwise, remove it if each message has either been acknowledged or faulted.
T3, T4	When a group is complete.	(after closing) In case GuaranteedDelivery is not required, remove the group immediately. Otherwise, remove it if each message has either been acknowledged or faulted.
T5	When a group is ordered AND an unacknowledged message expires or faults.	(after closing) Remove the group after each message has either been acknowledged or faulted.

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Table 27 Conditions for terminating a group – Sending RMP

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