

## 242 3 RM Protocol Elements

243 The protocol elements define extensibility points at various places. Additional children elements and/or  
244 attributes MAY be added at the indicated extension points but MUST NOT contradict the semantics of the  
245 parent and/or owner, respectively. If a receiver does not recognize an extension, the receiver SHOULD  
246 ignore the extension.

### 247 3.1 Sequence Creation

248 The RM Source MUST request creation of an outbound Sequence by sending a  
249 `<wsmr:CreateSequence>` element in the body of a message to the RM Destination which in turn  
250 responds either with a `<wsmr:CreateSequenceResponse>` or a `CreateSequenceRefused` fault in  
251 the body of the response message. `<wsmr:CreateSequence>` MAY carry an offer to create an inbound  
252 sequence which is either accepted or rejected in the `<wsmr:CreateSequenceResponse>`. [Note](#)  
253 [offering a Sequence within the `<wsmr:CreateSequence>` element is simply a protocol optimization. There](#)  
254 [is no semantic difference between offering a Sequence, and choosing not to offer one and subsequently](#)  
255 [creating a Sequence to carry messages from the Ultimate Receiver to the Initial Sender.](#)

256 The following exemplar defines the `<wsmr:CreateSequence>` syntax:

```
257 <wsmr:CreateSequence ...>  
258   <wsmr:AcksTo ...> wsa:EndpointReferenceType </wsmr:AcksTo>  
259   <wsmr:Expires ...> xs:duration </wsmr:Expires> ?  
260   <wsmr:Offer ...>  
261     <wsmr:Identifier ...> xs:anyURI </wsmr:Identifier>  
262     <wsmr:Expires ...> xs:duration </wsmr:Expires> ?  
263     ...  
264   </wsmr:Offer> ?  
265   ...  
266 </wsmr:CreateSequence>
```

267 /wsmr:CreateSequence

268 This element requests creation of a new Sequence between the RM Source that sends it, and the RM  
269 Destination to which it is sent. This element MUST NOT be sent as a header block. The RM Destination  
270 MUST respond either with a `<wsmr:CreateSequenceResponse>` response message or a  
271 `CreateSequenceRefused` fault.

272 /wsmr:CreateSequence/wsmr:AcksTo

273 This REQUIRED element, of type `wsa:EndpointReferenceType` as specified by WS-Addressing [WS-  
274 Addressing] specifies the endpoint reference to which `<wsmr:SequenceAcknowledgement>` messages  
275 and faults related to the created Sequence are to be sent.

276 Implementations MUST NOT use an endpoint reference in the AcksTo element that would prevent the  
277 sending of Sequence Acknowledgements back to the RM Source. For example, using the WS-Addressing  
278 "none" IRI would make it impossible for the RM Destination to ever send Sequence Acknowledgements.

279 /wsmr:CreateSequence/wsmr:Expires

280 This element, if present, of type `xs:duration` specifies the RM Source's requested duration for the  
281 Sequence. The RM Destination MAY either accept the requested duration or assign a lesser value of its  
282 choosing. A value of 'PT0S' indicates that the Sequence will never expire. Absence of the element  
283 indicates an implied value of 'PT0S'.

284 /wsmr:CreateSequence/wsmr:Expires/@{any}