

## [MS-RMPR]: Rights Management Services (RMS): Client-to-Server Protocol

This topic lists the Errata found in [MS-RMPR] since it was last published. Since this topic is updated frequently, we recommend that you subscribe to these RSS or Atom feeds to receive update notifications.



Errata are subject to the same terms as the Open Specifications documentation referenced.

Errata below are for Protocol Document Version [V33.0 - 2015/06/30](#).

Errata Published *	Description				
2015/08/31	<p>In the following sections, the element, message, or operation name has been changed from FindServiceLocations to FindServiceLocationsForUser:</p> <ul style="list-style-type: none"> <li>3.7.4.2 FindServiceLocationsForUser Operation</li> <li>3.7.4.2.1 Messages</li> <li>3.7.4.2.1.1 FindServiceLocationsForUserSoapIn</li> <li>3.7.4.2.1.2 FindServiceLocationsForUserSoapOut</li> <li>3.7.4.2.2.1 FindServiceLocationsForUser</li> <li>6.5 Server Service WSDL</li> </ul> <p>In Section 3.7.4.2, FindServiceLocationsForUser Operation, changed from:</p> <pre> ... &lt;wsdl:operation name="FindServiceLocations"&gt;   &lt;wsdl:input message="tns:FindServiceLocationsSoapIn" /&gt;   &lt;wsdl:output message="tns:FindServiceLocationsSoapOut" /&gt; &lt;/wsdl:operation&gt; ... </pre> <p>Changed to:</p> <pre> ... &lt;wsdl:operation name="FindServiceLocationsForUser"&gt;   &lt;wsdl:input message="tns:FindServiceLocationsForUserSoapIn" /&gt;   &lt;wsdl:output message="tns:FindServiceLocationsForUserSoapOut" /&gt; /&gt; &lt;/wsdl:operation&gt; ... </pre> <p>In Section 3.7.4.2.1, Messages, changed from:</p> <table border="1" data-bbox="430 1732 1412 1879"> <thead> <tr> <th>Message</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>FindServiceLocationsSoapIn</td> <td>Contains a ServiceType enumeration. Specifies the type of service being requested.</td> </tr> </tbody> </table>	Message	Description	FindServiceLocationsSoapIn	Contains a ServiceType enumeration. Specifies the type of service being requested.
Message	Description				
FindServiceLocationsSoapIn	Contains a ServiceType enumeration. Specifies the type of service being requested.				

FindServiceLocationsSoapOut	Contains the URL and ServiceType of the service that was requested.
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Changed to:

Message	Description
FindServiceLocationsForUserSoapIn	Contains a ServiceType enumeration. Specifies the type of service being requested.
FindServiceLocationsForUserSoapOut	Contains the URL and ServiceType of the service that was requested.

In Section 3.7.4.2.1.1, FindServiceLocationsForUserSoapIn, changed from:

The FindServiceLocationsSoapIn message contains a ServiceType enumeration to specify the type of service being requested.

```
<wsdl:message name="FindServiceLocationsSoapIn">
  <wsdl:part name="parameters"
element="tns:FindServiceLocations" />
</wsdl:message>
```

FindServiceLocations: The FindServiceLocations element, as specified in section 3.7.4.2.2.1.

Changed to:

The FindServiceLocationsForUserSoapIn message contains a ServiceType enumeration to specify the type of service being requested.

```
<wsdl:message name="FindServiceLocationsForUserSoapIn">
  <wsdl:part name="parameters"
element="tns:FindServiceLocationsForUser" />
</wsdl:message>
```

FindServiceLocationsForUser: The FindServiceLocationsForUser element, as specified in section 3.7.4.2.2.1.

In Section 3.7.4.2.1.2, FindServiceLocationsForUserSoapOut, changed from:

The FindServiceLocationsSoapOut message contains the URL and ServiceType of the service that was requested.

```
<wsdl:message name="FindServiceLocationsSoapOut">
  <wsdl:part name="parameters"
element="tns:FindServiceLocationsResponse" />
</wsdl:message>
```

FindServiceLocationsResponse: The FindServiceLocationsResponse element, as defined in section 3.7.4.2.2.2.

Changed to:

The FindServiceLocationsForUserSoapOut message contains the URL and ServiceType of the service that was requested.

```
<wsdl:message name="FindServiceLocationsForUserSoapOut">
  <wsdl:part name="parameters"
element="tns:FindServiceLocationsForUserResponse" />
</wsdl:message>
```

FindServiceLocationsForUserResponse: The FindServiceLocationsForUserResponse element, as defined in section 3.7.4.2.2.2.

In Section 3.7.4.2.2.1, FindServiceLocationsForUser, changed from:

...  
This element MUST be populated by the client when sending a FindServiceLocations request.

Changed to:

...  
This element MUST be populated by the client when sending a FindServiceLocationsForUser request.

In Section 6.5, Server Service WSDL, changed from:

```
...
<s:element name="FindServiceLocations">
  <s:complexType>
    <s:sequence>
      <s:element minOccurs="0" maxOccurs="1"
name="ServiceNames"
type="tns:ArrayOfServiceLocationRequest" />
    </s:sequence>
  </s:complexType>
</s:element>
...
<s:element name="FindServiceLocationsResponse">
  <s:complexType>
    <s:sequence>
      <s:element minOccurs="0" maxOccurs="1"
name="FindServiceLocationsResult"
type="tns:ArrayOfServiceLocationResponse" />
    </s:sequence>
  </s:complexType>
</s:element>
```

```

...
<wsdl:message name="FindServiceLocationsSoapIn">
  <wsdl:part name="parameters"
    element="tns:FindServiceLocations" />
</wsdl:message>
<wsdl:message name="FindServiceLocationsSoapOut">
  <wsdl:part name="parameters"
    element="tns:FindServiceLocationsResponse" />
</wsdl:message>
<wsdl:message name="FindServiceLocationsVersionData">
  <wsdl:part name="VersionData" element="tns:VersionData" />
</wsdl:message>
<wsdl:message name="GetServerInfoSoapIn">
  <wsdl:part name="parameters" element="tns:GetServerInfo" />
</wsdl:message>
<wsdl:message name="GetServerInfoSoapOut">
  <wsdl:part name="parameters"
    element="tns:GetServerInfoResponse" />
</wsdl:message>
<wsdl:portType name="ServerSoap">
  <wsdl:operation name="GetLicensorCertificate">
    <wsdl:input message="tns:GetLicensorCertificateSoapIn" />
    <wsdl:output message="tns:GetLicensorCertificateSoapOut" />
  </wsdl:operation>
  <wsdl:operation name="FindServiceLocations">
    <wsdl:input message="tns:FindServiceLocationsSoapIn" />
    <wsdl:output message="tns:FindServiceLocationsSoapOut" />
  </wsdl:operation>
...
<wsdl:operation name="FindServiceLocations">
  <soap:operation soapAction=
    "http://microsoft.com/DRM/ServerService/FindServiceLocations"
    style="document" />
  <wsdl:input>
    <soap:body use="literal" />
    <soap:header message="tns:FindServiceLocationsVersionData"
      part="VersionData" use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal" />
    <soap:header message="tns:FindServiceLocationsVersionData"
      part="VersionData" use="literal" />
  </wsdl:output>
</wsdl:operation>
...
  <wsdl:operation name="FindServiceLocations">
    <soap12:operation soapAction=
      "http://microsoft.com/DRM/ServerService/FindServiceLocations"

```

```

        style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
        <soap12:header
            message="tns:FindServiceLocationsVersionData"
            part="VersionData" use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
        <soap12:header
            message="tns:FindServiceLocationsVersionData"
            part="VersionData" use="literal" />
    </wsdl:output>
</wsdl:operation>

Changed to:
...
<s:element name="FindServiceLocationsForUser">
    <s:complexType>
        <s:sequence>
            <s:element minOccurs="0" maxOccurs="1"
                name="ServiceNames"
                type="tns:ArrayOfServiceLocationRequest" />
        </s:sequence>
    </s:complexType>
</s:element>
...
<s:element name="FindServiceLocationsForUserResponse">
    <s:complexType>
        <s:sequence>
            <s:element minOccurs="0" maxOccurs="1"
                name="FindServiceLocationsForUserResult"
                type="tns:ArrayOfServiceLocationResponse" />
        </s:sequence>
    </s:complexType>
</s:element>
...
<wsdl:message name="FindServiceLocationsForUserSoapIn">
    <wsdl:part name="parameters"
        element="tns:FindServiceLocationsForUser" />
</wsdl:message>
<wsdl:message name="FindServiceLocationsForUserSoapOut">
    <wsdl:part name="parameters"
        element="tns:FindServiceLocationsForUserResponse" />
</wsdl:message>
<wsdl:message name="FindServiceLocationsForUserVersionData">
    <wsdl:part name="VersionData" element="tns:VersionData" />
</wsdl:message>

```

```

<wsdl:message name="GetServerInfoSoapIn">
  <wsdl:part name="parameters" element="tns:GetServerInfo" />
</wsdl:message>
<wsdl:message name="GetServerInfoSoapOut">
  <wsdl:part name="parameters"
    element="tns:GetServerInfoResponse" />
</wsdl:message>
<wsdl:portType name="ServerSoap">
  <wsdl:operation name="GetLicensorCertificate">
    <wsdl:input message="tns:GetLicensorCertificateSoapIn" />
    <wsdl:output message="tns:GetLicensorCertificateSoapOut" />
  </wsdl:operation>
  <wsdl:operation name="FindServiceLocationsForUser">
    <wsdl:input message="tns:FindServiceLocationsForUserSoapIn"
  />
    <wsdl:output
message="tns:FindServiceLocationsForUserSoapOut" />
  </wsdl:operation>
  ...
  <wsdl:operation name="FindServiceLocationsForUser">
    <soap:operation soapAction=
      "http://microsoft.com/DRM/ServerService/FindServiceLocationsForUse
r"
      style="document" />
    <wsdl:input>
      <soap:body use="literal" />
      <soap:header
message="tns:FindServiceLocationsForUserVersionData"
      part="VersionData" use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap:body use="literal" />
      <soap:header
message="tns:FindServiceLocationsForUserVersionData"
      part="VersionData" use="literal" />
    </wsdl:output>
  </wsdl:operation>
  ...
  "http://microsoft.com/DRM/ServerService/FindServiceLocationsForUse
r"
    style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
      <soap12:header
message="tns:FindServiceLocationsForUserVersionData"
      part="VersionData" use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />

```

	<pre>        &lt;soap12:header message="tns:FindServiceLocationsForUserVersionData"         part="VersionData" use="literal" /&gt;     &lt;/wsdl:output&gt; &lt;/wsdl:operation&gt;</pre>
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\*Date format: YYYY/MM/DD