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Web Service SOAP Messages

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Use the examples below when configuring the **Web Service block**.

SOAP Message Level Basic Authentication

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <h:BasicAuth xmlns:h="http://soap-authentication.org/basic/2001/10/" mustUnderstand="1">
      <Name>UserName</Name>
      <Password>Pass</Password>
    </h:BasicAuth>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <p:getNumber xmlns:p="http://webservice.com"/>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

SOAP Message Signed Using Client Digital Certificate (DSA Key Algorithm)

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
<SOAP-ENV:Header>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" SOAP-ENV:mustUnderstand="1">
  <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#" Id="SIG-2">
    <ds:SignedInfo>
      <ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
      <ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="SOAP-ENV"/>
      </ds:CanonicalizationMethod>
      <ds:SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#dsa-sha1"/>
      <ds:Reference URI="#id-1">
        <ds:Transforms>
          <ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"><ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList=""/>
          </ds:Transform>
        </ds:Transforms>
        <ds:DigestMethod Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"/><ds:DigestValue>yMmgdHRevOnFPGtnSZx4JV9hiuI=</ds:DigestValue></ds:Reference></ds:SignedInfo><ds:
      Id="KI-8D7856F18A7AB8CF5613098009924472">
      <wsse:SecurityTokenReference wsu:Id="STR-8D7856F18A7AB8CF5613098009924473">
      <wsse:KeyIdentifier EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary" ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3">MIICwDCCAn2gAwIBAgIETfBxZzALBgqhkJ00AQDBQAwQzELMAkGA1UEBhMCVVMxDDAKBgNVBAoTA1N1bjERMA8GA1UyZmC3a5lQpaSfn+gEexAiwk+7qdf+t8Yb+DtX58aophUPBPu9tPFHsMCNVQTWhaRMvZ1864rYdcq7/IiAxmd0UgBxwIVAjdglUI8VIwvMspK5gqLrhAvwWBz1AoGBAPfhoIXWmz3ey7yrXDa4V7l5lK+7+jrqgvlXTAs9B4JnUVlXjrrUWU/mcQcQgYCOsRZxI+hMKBYTt88JMozIpuE8FnqLVHyNKOCjrh4rs6Z1kW6jfwv6ITVi8ftiegEk08yk8b6oUZCJqIPf4VrlnwaSi2ZegHtVJWQBTDSYKhco6lMBRRncJwGuWb/mFPhaX80dfj8NMEihl+ICIjhVwGk1p6P3Gu2Dm+45TYJCxBktd0LU0uy/Uj8E61NZSaeQL9WA4gGz5Hb5uMAsGBYqGSM44BAMFAAMwADAtAhQqfbMb9hd1vpBAAJntCDSOY5uP2AIVAJGy1E7Zx4268n3fD34gLCpkZoKc</Uj8E61NZSaeQL9WA4gGz5Hb5uMAsGBYqGSM44BAMFAAMwADAtAhQqfbMb9hd1vpBAAJntCDSOY5uP2AIVAJGy1E7Zx4268n3fD34gLCpkZoKc</
      </wsse:SecurityTokenReference>
    </ds:KeyInfo>
```

```
</ds:Signature>
</wsse:Security>
</SOAP-ENV:Header>
<SOAP-ENV:Body xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" wsu:Id="id-1">
  <p:methodName xmlns:p="http://example.com"><key>value</key></p:methodName>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

SOAP Message Signed Using Client Digital Certificate (RSA Key Algorithm)

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" SOAP-ENV:mustUnderstand="1">
      <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#" Id="SIG-2">
        <ds:SignedInfo><ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
          <ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="SOAP-ENV"/>
        </ds:CanonicalizationMethod>
        <ds:SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1"/>
        <ds:Reference URI="#id-1">
          <ds:Transforms>
            <ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"><ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList=""/>
          </ds:Transform>
        </ds:Transforms>
        <ds:DigestMethod Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"/>
        <ds:DigestValue>yMmgdHRevOnFPGtnSZx4JV9hiuI=
        </ds:DigestValue>
        </ds:Reference>
      </ds:SignedInfo>
      <ds:SignatureValue>MX9c9C5Tpfvp32e2pPjkCv4ycZhcuZVMFH08DlGKWi331fnG3oqXLg==</ds:SignatureValue>
      <ds:KeyInfo Id="KI-8D7856F18A7AB8CF5613098009924472">
        <wsse:SecurityTokenReference wsu:Id="STR-8D7856F18A7AB8CF5613098009924473">
          <wsse:KeyIdentifier EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary" ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3">MIICwDCCAn2gAwIBAgIETfBxZzALBgqhkJ00AQDBQAwQzELMAkGA1UEBhMCVVMxDDAKBgNVBAoTA1N1bjERMA8GA1UyZmC3a5lQpaSfn+gEexAiwk+7qdf+t8Yb+DtX58aophUPBPuD9tPFHsMCNVQTWhaRMvZ1864rYdcq7/IiAxmd0UgBxwIVAjdglUI8VlWvMspK5ggLrhAvwWBz1AoGBAPfhoIXWmz3ey7yrXDa4V7l5lK+7+jrqgvlXTAs9B4JnUVlXjrrUWU/mcQcQgYC0SRZxI+hMKBYTt88JMoZIpUE8FnqLVHYNKOCjrh4rs6Z1k6jfwv6ITVi8ftiegEk08yk8b6oUZCJqIPf4VrlnwaSi2ZegHtVJWQBTD5Ykhco6lMBRRncJwGuWB/mFPhaX80dfj8NMEih1+ICIjhVwGk1p6P3Gu2Dm+45TYJCxBktd0lU0uy/Uj8E61NZSaeQL9WA4gGz5Hb5uMasGBYqGSM44BAMFAAMwADAtAhQqfBmb9hd1vpBAAJntCDSOY5uP2AIVAJGy1E7Zx4268n3fD34gLCpkZoKc</wsse:SecurityTokenReference>
        </ds:KeyInfo>
      </ds:Signature>
    </wsse:Security>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" wsu:Id="id-1">
    <p:methodName xmlns:p="http://example.com"><key>value</key></p:methodName>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```