

however - trying it out manually (Soap UI):

```
POST http://localhost:8040/services/SecurityTokenService/UT HTTP/1.1
Content-Type: text/xml;charset=UTF-8
SOAPAction: "http://docs.oasis-open.org/ws-sx/ws-trust/200512/RST/Issue"
Content-Length: 1192
Host: localhost:8040
Connection: Keep-Alive
User-Agent: Apache-HttpClient/4.1.1 (java 1.5)
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:wst="http://docs.oasis-open.org/ws-sx/ws-trust/200512">
  <soapenv:Header>
    <wsse:Security soapenv:mustUnderstand="1" 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/wsu/2004/01" >
      <wsse:UsernameToken wsu:Id="UsernameToken-19C5E83727A253C48D14503867654994">
        <wsse:Username>tesb</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">tesb</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <wst:RequestSecurityToken Context="jaas">
      <wst:TokenType>http://docs.oasis-open.org/wss/oasis-wss-saml-token-profile-1.1#SAMLV2.0</wst:TokenType>
      <wst:RequestType>http://docs.oasis-open.org/ws-sx/ws-trust/200512/Issue</wst:RequestType>
      <wsp:AppliesTo xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy">http://my.service.external/service/tst1</wsp:AppliesTo>
    </wst:RequestSecurityToken>
  </soapenv:Body>
</soapenv:Envelope>
```

Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns4:RequestSecurityTokenResponseCollection xmlns="http://docs.oasis-open.org/ws-sx/ws-trust/200802" xmlns:ns2="http://docs.oasis-open.org/wss/2004/01" >
      <ns4:RequestSecurityTokenResponse Context="jaas">
        <ns4:TokenType>http://docs.oasis-open.org/wss/oasis-wss-saml-token-profile-1.1#SAMLV2.0</ns4:TokenType>
        <ns4:RequestedSecurityToken>
          <saml2:Assertion ID="_7DDDB5CE692BC34F3614503931791732" IssueInstant="2015-12-17T22:59:39.173Z" Version="2.0" xsi:type="saml2:Assertion">
            <saml2:Issuer>TalendESB_STSIssuer</saml2:Issuer>
            ... long text of SAML Assertion details ....
          </saml2:Assertion>
        </ns4:RequestedSecurityToken>
        <ns4:RequestedAttachedReference>
          <ns3:SecurityTokenReference wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-saml-token-profile-1.1#SAMLV2.0" xmlns:wsse11="http://docs.oasis-open.org/wss/2004/01" >
            <ns3:KeyIdentifier ValueType="http://docs.oasis-open.org/wss/oasis-wss-saml-token-profile-1.1#SAMLID">_7DDDB5CE692BC34F3614503931791732</ns3:KeyIdentifier>
          </ns3:SecurityTokenReference>
        </ns4:RequestedAttachedReference>
        <ns4:RequestedUnattachedReference>
          <ns3:SecurityTokenReference wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-saml-token-profile-1.1#SAMLV2.0" xmlns:wsse11="http://docs.oasis-open.org/wss/2004/01" >
            <ns3:KeyIdentifier ValueType="http://docs.oasis-open.org/wss/oasis-wss-saml-token-profile-1.1#SAMLID">_7DDDB5CE692BC34F3614503931791732</ns3:KeyIdentifier>
          </ns3:SecurityTokenReference>
        </ns4:RequestedUnattachedReference>
      </ns4:RequestSecurityTokenResponse>
    </ns4:RequestSecurityTokenResponseCollection>
  </soap:Body>
</soap:Envelope>
```

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        <ns3:KeyIdentifier ValueType="http://docs.oasis-open.org/wss/oasis-wss-saml-token-profile-1.1#SAMLID">_7DDDB5CE692BC34F361450393
    </ns3:SecurityTokenReference>
</ns4:RequestedUnattachedReference>
<wsp:AppliesTo xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy" xmlns:wst="http://docs.oasis-open.org/ws-sx/ws-trust/200512">1
    <ns4:Lifetime>
        <ns2:Created>2015-12-17T22:59:39.173Z</ns2:Created>
        <ns2:Expires>2015-12-17T23:29:39.173Z</ns2:Expires>
    </ns4:Lifetime>
</ns4:RequestSecurityTokenResponse>
</ns4:RequestSecurityTokenResponseCollection>
</soap:Body>
</soap:Envelope>

```

#### Validating:

```

POST http://localhost:8040/services/SecurityTokenService/UT HTTP/1.1
Content-Type: text/xml;charset=UTF-8
SOAPAction: "http://docs.oasis-open.org/ws-sx/ws-trust/200512/RST/Validate"
Content-Length: 5367
Host: localhost:8040
Connection: Keep-Alive
User-Agent: Apache-HttpClient/4.1.1 (java 1.5)
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:wst="http://docs.oasis-open.org/ws-sx/ws-trust/200512">
    <soapenv:Header><wsse:Security soapenv:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext
    </soapenv:Header>
    <soapenv:Body>
        <wst:RequestSecurityToken Context="?">
            <wst:TokenType>http://docs.oasis-open.org/ws-sx/ws-trust/200512/RSTR/Status</wst:TokenType>
            <wst:RequestType>http://docs.oasis-open.org/ws-sx/ws-trust/200512/Validate</wst:RequestType>
            <wsp:AppliesTo xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy">http://my.service.external/service/tst1</wsp:AppliesTo>
            <wst:ValidateTarget>
<saml2:Assertion ID="_5AC9088C659ADB458414503906174301" IssueInstant="2015-12-17T22:16:57.430Z" Version="2.0" xsi:type="saml2:AssertionType" xmlns:
                <saml2:Issuer>TalendESB_STSIssuer</saml2:Issuer>
... copy / paste of the assertion ...
            </saml2:Assertion></wst:ValidateTarget>
        </wst:RequestSecurityToken>
    </soapenv:Body>
</soapenv:Envelope>

```

and the validations fails claiming the **Signature did not validate against the credential's key**

```

2015-12-17 23:58:08,686 | WARN | tp1252807592-116 | XMLSignature
| .security.signature.XMLSignature 738 | 446 - org.apache.santuario.xmlsec
c - 1.5.8 | Signature verification failed.
2015-12-17 23:58:08,686 | WARN | tp1252807592-116 | SAMLTokenValidator
| ken.validator.SAMLTokenValidator 255 | 502 - org.apache.cxf.services.st
s.core - 2.7.15 |
org.apache.ws.security.WSSecurityException: SAML signature validation failed

```

```
    at org.apache.ws.security.saml.ext.AssertionWrapper.verifySignature(Asse
...
Caused by: org.opensaml.xml.validation.ValidationException: Signature did not va
lidate against the credential's key
    at org.opensaml.xml.signature.SignatureValidator.validate(SignatureValid
ator.java:79)
    at org.apache.ws.security.saml.ext.AssertionWrapper.verifySignature(Asse
rtionWrapper.java:632)
    ... 61 more
```

but the example services run ok, so you have to rely on CXF to do that properly itself