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Pregunta

[Kurro Lopez](#) · 24 jun, 2019

## Crear un servicio SOAP Pass-through

Hola a todos,

Estoy intentando crear un Pass-through de SOAP siguiendo las instrucciones de [Configuring Pass-through Business Services](#) , pero no puedo ponerlo en marcha 😞

Estoy usando el siguiente servicio web

<http://www.dneonline.com/calculator.asmx?wsdl>

He creado ambos items  
CalculatorSOAPCSPServ

- Nombre de clase : EnsLib.SOAP.GenericService
- Nombre de configuración de destino: CalculatorSOAPCSPOp
- Puerto: Vacío
- Activar peticiones estándar: Marcado
- Tamaño del grupo: 0

CalculatorSOAPCSPOp

- Nombre de clase : EnsLib.SOAP.GenericOperation
- HttpServer: [www.dneonline.com](http://www.dneonline.com)
- Url: |

Además, he creado la aplicación web utilizando los siguientes parámetros:

Menu
Home | About | Help | Logout
System > Security Management > Web Applications > Edit Web Application

Edit: /SOAPpassthrough
Server: nbsd26
Namespace: %SYS
User: \_SYSTEM
Licensed to:
Instance:

This is a Test System

Save
Cancel

Edit definition for web application /SOAPpassthrough:

General
Application Roles
Matching Roles

Name /SOAPpassthrough  
Required. (e.g. /csp/appname)

Description

Namespace
Default Application for /csp/slt-tacrm
☐ Namespace Default Application

Enabled
☒ Application
☒ CSP/ZEN
☒ Inbound Web Services
☐ DeepSee
☐ iKnow

Permitted Classes

Security Settings
Resource Required
Group By ID
Allowed Authentication Methods
☒ Unauthenticated
☐ Password
☐ Kerberos
☐ Login Cookie

Session Settings
Session Timeout 900 seconds
Event Class
Use Cookie for Session Always
Session Cookie Path /SOAPpassthrough/

Dispatch Class EnsLib.SOAP.GenericService

CSP File Settings
Serve Files Always
Serve Files Timeout 3600 seconds

Nombre: / SOAPpassthrough

Enviar clase: EnsLib.SOAP.GenericServer

Si pido directamente el WSDL a Calculator Webservice, recupera este XML:

<http://www.dneonline.com/calculator.asmx?wsdl>

```
<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:soap="
http://schemas.xmlsoap.org/wsdl/soap/ xmlns:tm="
http://microsoft.com/wsdl/mime/textMatchi
ng/" xmlns:soapenc="
http://schemas.xmlsoap.org/soap/encoding/ xmlns:mime="
http://schemas.xmlsoap.org/wsdl/mime/ xmlns:tns="
http://tempuri.org/ xmlns:s="
http://www.w3.org/2001/XMLSchema xmlns:soap12="
http://schemas.xmlsoap.org/wsdl/soap12/ xmlns:http="
http://schemas.xmlsoap.org/wsdl/http/ targetNamespace="
http://tempuri.org/ xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:types>
    <s:schema elementFormDefault="qualified" targetNamespace="http://tempuri.org/">
      <s:element name="Add">
        <s:complexType>
          <s:sequence>
            <s:element minOccurs="1" maxOccurs="1" name="intA" type="s:int" />
            <s:element minOccurs="1" maxOccurs="1" name="intB" type="s:int" />
          </s:sequence>
        </s:complexType>
      </s:element>
    </s:schema>
  </wsdl:types>

```

```

</s:element>
<s:element name="AddResponse">
  <s:complexType>
    <s:sequence>
      <s:element minOccurs="1" maxOccurs="1" name="AddResult" type="s:int" />
    </s:sequence>
  </s:complexType>
</s:element>
<s:element name="Subtract">
  <s:complexType>
    <s:sequence>
      <s:element minOccurs="1" maxOccurs="1" name="intA" type="s:int" />
      <s:element minOccurs="1" maxOccurs="1" name="intB" type="s:int" />
    </s:sequence>
  </s:complexType>
</s:element>
<s:element name="SubtractResponse">
  <s:complexType>
    <s:sequence>
      <s:element minOccurs="1" maxOccurs="1" name="SubtractResult" type="
s:int" />
    </s:sequence>
  </s:complexType>
</s:element>
<s:element name="Multiply">
  <s:complexType>
    <s:sequence>
      <s:element minOccurs="1" maxOccurs="1" name="intA" type="s:int" />
      <s:element minOccurs="1" maxOccurs="1" name="intB" type="s:int" />
    </s:sequence>
  </s:complexType>
</s:element>
<s:element name="MultiplyResponse">
  <s:complexType>
    <s:sequence>
      <s:element minOccurs="1" maxOccurs="1" name="MultiplyResult" type="
s:int" />
    </s:sequence>
  </s:complexType>
</s:element>
<s:element name="Divide">
  <s:complexType>
    <s:sequence>
      <s:element minOccurs="1" maxOccurs="1" name="intA" type="s:int" />
      <s:element minOccurs="1" maxOccurs="1" name="intB" type="s:int" />
    </s:sequence>
  </s:complexType>
</s:element>
<s:element name="DivideResponse">
  <s:complexType>
    <s:sequence>
      <s:element minOccurs="1" maxOccurs="1" name="DivideResult" type="
s:int" />
    </s:sequence>
  </s:complexType>
</s:element>
</s:schema>
</wsdl:types>
<wsdl:message name="AddSoapIn">

```

```

    <wsdl:part name="parameters" element="tns:Add" />
</wsdl:message>
<wsdl:message name="AddSoapOut">
    <wsdl:part name="parameters" element="tns:AddResponse" />
</wsdl:message>
<wsdl:message name="SubtractSoapIn">
    <wsdl:part name="parameters" element="tns:Subtract" />
</wsdl:message>
<wsdl:message name="SubtractSoapOut">
    <wsdl:part name="parameters" element="tns:SubtractResponse" />
</wsdl:message>
<wsdl:message name="MultiplySoapIn">
    <wsdl:part name="parameters" element="tns:Multiply" />
</wsdl:message>
<wsdl:message name="MultiplySoapOut">
    <wsdl:part name="parameters" element="tns:MultiplyResponse" />
</wsdl:message>
<wsdl:message name="DivideSoapIn">
    <wsdl:part name="parameters" element="tns:Divide" />
</wsdl:message>
<wsdl:message name="DivideSoapOut">
    <wsdl:part name="parameters" element="tns:DivideResponse" />
</wsdl:message>
<wsdl:portType name="CalculatorSoap">
    <wsdl:operation name="Add">
        <wsdl:documentation xmlns:wsdl="
http://schemas.xmlsoap.org/wsdl/">
http://schemas.xmlsoap.org/wsdl/
Adds two integers. This is a test WebService. ©DNE Online</wsdl:documentation>
        <wsdl:input message="tns:AddSoapIn" />
        <wsdl:output message="tns:AddSoapOut" />
    </wsdl:operation>
    <wsdl:operation name="Subtract">
        <wsdl:input message="tns:SubtractSoapIn" />
        <wsdl:output message="tns:SubtractSoapOut" />
    </wsdl:operation>
    <wsdl:operation name="Multiply">
        <wsdl:input message="tns:MultiplySoapIn" />
        <wsdl:output message="tns:MultiplySoapOut" />
    </wsdl:operation>
    <wsdl:operation name="Divide">
        <wsdl:input message="tns:DivideSoapIn" />
        <wsdl:output message="tns:DivideSoapOut" />
    </wsdl:operation>
</wsdl:portType>
<wsdl:binding name="CalculatorSoap" type="tns:CalculatorSoap">
    <soap:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="Add">
        <soap:operation soapAction="http://tempuri.org/Add" style="document" />
        <wsdl:input>
            <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="Subtract">
        <soap:operation soapAction="http://tempuri.org/Subtract" style="document" />
        <wsdl:input>
            <soap:body use="literal" />

```

```

    </wsdl:input>
    <wsdl:output>
        <soap:body use="literal" />
    </wsdl:output>
</wsdl:operation>
<wsdl:operation name="Multiply">
    <soap:operation soapAction="http://tempuri.org/Multiply" style="document" />
    <wsdl:input>
        <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap:body use="literal" />
    </wsdl:output>
</wsdl:operation>
<wsdl:operation name="Divide">
    <soap:operation soapAction="http://tempuri.org/Divide" style="document" />
    <wsdl:input>
        <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap:body use="literal" />
    </wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:binding name="CalculatorSoap12" type="tns:CalculatorSoap">
    <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="Add">
        <soap12:operation soapAction="http://tempuri.org/Add" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="Subtract">
        <soap12:operation soapAction="http://tempuri.org/Subtract" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="Multiply">
        <soap12:operation soapAction="http://tempuri.org/Multiply" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="Divide">
        <soap12:operation soapAction="http://tempuri.org/Divide" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>

```

```
<soap12:body use="literal" />
</wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:service name="Calculator">
  <wsdl:port name="CalculatorSoap" binding="tns:CalculatorSoap">
    <soap:address location="http://www.dneonline.com/calculator.asmx" />
  </wsdl:port>
  <wsdl:port name="CalculatorSoap12" binding="tns:CalculatorSoap12">
    <soap12:address location="http://www.dneonline.com/calculator.asmx" />
  </wsdl:port>
</wsdl:service>
</wsdl:definitions>
```

Sin embargo, si estoy usando el SOAP Passthrough creado, recupera lo siguiente:

<http://localhost:57772/SOAPpassthrough/CalculatorSOAPCSPServ/calculator.asmx?wsdl>

```
<?xml version="1.0" encoding="UTF-8"?>
<definitions xmlns="http://schemas.xmlsoap.org/wsdl/" xmlns:mime="
http://schemas.xmlsoap.org/wsdl/mime/" xmlns:s="
http://www.w3.org/2001/XMLSchema" xmlns:s0="http://tempuri.org" xmlns:soap="
http://schemas.xmlsoap.org/wsdl/soap/" xmlns:SOAP-ENC="
http://schemas.xmlsoap.org/soap/encoding/" xmlns:wsdl="
http://schemas.xmlsoap.org/wsdl/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" targetNamespace="http://tempuri.org">
  <types/>
  <portType name="MyEnsembleRequestWebServiceSoap"/>
  <binding name="MyEnsembleRequestWebServiceSoap" type="
s0:MyEnsembleRequestWebServiceSoap">
    <soap:binding transport="
http://schemas.xmlsoap.org/soap/http" style="document"/>
  </binding>
  <service name="MyEnsembleRequestWebService">
    <port name="MyEnsembleRequestWebServiceSoap" binding="
s0:MyEnsembleRequestWebServiceSoap">
      <soap:address location="
http://localhost:57772/SOAPpassthrough/CalculatorSOAPCSPServ/EnsLib.SOAP.GenericServi
ce.cls"/>
    </port>
  </service>
</definitions>
```

Según la documentación, debería tener el mismo resultado en ambas peticiones.

¿Qué está mal?

Un saludo,

Francisco López

[#Interoperabilidad](#) [#SOAP](#) [#Ensemble](#)

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URL de fuente: <https://es.community.intersystems.com/post/crear-un-servicio-soap-pass-through>