



# **INTEGRATED SERVICES BACKBONE CONNECTIVITY TESTING GUIDE**

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ADMINISTRATIVE OFFICE OF THE  
COURTS  
INFORMATION SERVICES DIVISION

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## Revision History and Approvals

Version Number	Date	Changed By	Description of Change	Sections Revised
0.1	11/17/2010	Prashant Joshi	Initial draft	All
0.2	12/10/10	Prashant Joshi	Modified to accommodate new WSDL	All
0.3	3/20/12	Frank Cebulski	Corrected document formatting	All

# Introduction

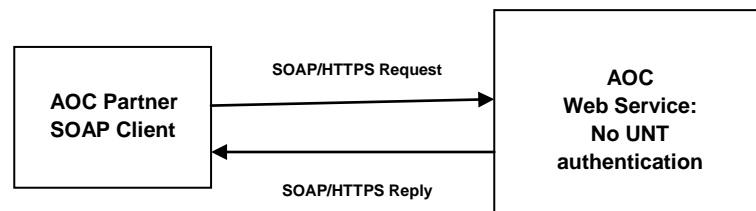
## 1.1 Purpose

AOC ISB has sample web services deployed in the AOC TEST environment to allow AOC partners to test connectivity with the AOC. The purpose of this document is to provide information required to use the web services.

## 1.2 Use Cases

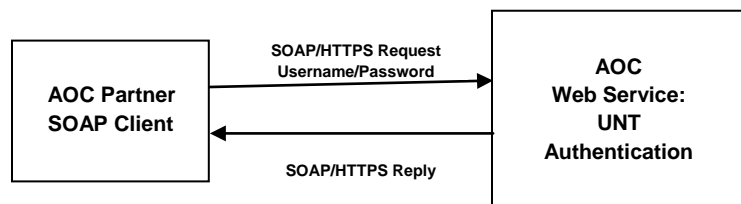
The sample web services deployed support the following two use cases:

- SOAP/HTTPS connectivity with no authentication



No authentication web service allows clients to test HTTPS connectivity with AOC without having to provide any username password for authentication purposes.

- SOAP/HTTPS connectivity with UsernameToken authentication enabled



UsernameToken implementation requires clients to pass username and password for authentication per WS-Security specifications.

## 1.3 Test Pre-Requisites/Requirements

### 1. AOC

- a. Firewall configuration to allow connectivity to/from client servers
- b. AOC to provide username and password to support Username token based authentication
- c. AOC to provide client with URL's and WSDL's as required to connect to sample web services deployed at AOC

### 2. Client

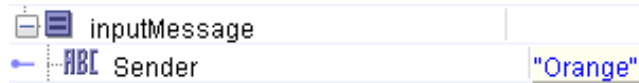
- a. Firewall configuration to allow connectivity to/from AOC servers
- b. Capability to support UsernameToken (UNT) security policy

## Web Service Details

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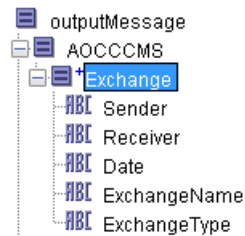
### 2.1 No Authentication Web Service

#### *Input:*



- Clients need to map any string value to sender element as the web service input. This element primarily denotes sender information; e.g., “CHP” or “Orange” or “Santa Clara”.

#### *Output:*

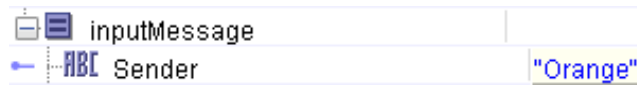


- The web service returns elements with sender, receiver, date and sample exchange name and exchange type values. This is a successful response.

**Security Policy:** None

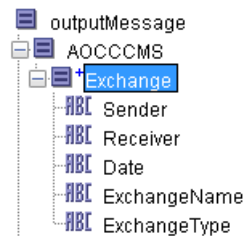
## 2.2 UsernameToken Authentication Web Service

### Input:



- Clients need to map any string value to sender element as the web service input. This element primarily denotes sender information, e.g., “CHP” or “Orange” or “Santa Clara”.

### Output:



- The web service returns elements with sender, receiver, date and sample exchange name and exchange type values. This is a successful response.

### Security Policy:

- Client invocation needs to apply UsernameToken (UNT) security policy to pass username and password in SOAP header for authentication purposes



## Appendix A – Connectivity URL's

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### **With Authentication**

<https://isb-dx.tst.courts.ca.gov/soa-infra/services/default/PartnerConnectivityComposite/PartnerConnectivityService>

### **Without Authentication**

<https://isb-dx.tst.courts.ca.gov/soa-infra/services/default/PartnerConnectivityCompositeNoAuth/PartnerConnectivityServiceNoAuth>

## Appendix B – Input & Output Samples

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### No Authentication

#### Input Sample:

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://www.w3.org/2003/05/soap-envelope">
  <SOAP-ENV:Body>
    <ns0:Sender
xmlns:ns0="http://www.tibco.com/schemas/WSStubsForPartnerTesting/SharedResources/Schemas/Schema.xsd">Orange</ns
0:Sender>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

#### Output Sample:

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://www.w3.org/2003/05/soap-envelope">
  <SOAP-ENV:Body>
    <ns0:AOCCEMS
xmlns:ns0="http://www.tibco.com/schemas/WSStubsForPartnerTesting/SharedResources/Schemas/Schema.xsd">
      <ns0:Exchange>
        <ns0:Sender>Orange</ns0:Sender>
        <ns0:Receiver>AOC</ns0:Receiver>
        <ns0:Date>2010-12-10T08:38:17.294-08:00</ns0:Date>
        <ns0:ExchangeName>INI801</ns0:ExchangeName>
        <ns0:ExchangeType>E-Citation</ns0:ExchangeType>
      </ns0:Exchange>
    </ns0:AOCCEMS>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## UNT Authentication

### Input Sample:

```
<?xml version="1.0" encoding="UTF-8"?>
<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"
      SOAP-ENV:mustUnderstand="1">
      <wsse:UsernameToken>
        <wsse:Username>admin</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">password</wsse:Password>
        <wsu:Created xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">2010-11-23T01:14:22.375Z</wsu:Created>
        <wsse:Nonce>s289J5oHzs9dlayAc8tX5A==</wsse:Nonce>
      </wsse:UsernameToken>
    </wsse:Security>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <ns0:Sender
      xmlns:ns0="http://www.tibco.com/schemas/WSStubsForPartnerTesting/SharedResources/Schemas/Schema.xsd">Orange</ns0:Sender>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

**Output Sample:**

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://www.w3.org/2003/05/soap-envelope">
  <SOAP-ENV:Body>
    <ns0:AOCCEMS
xmlns:ns0="http://www.tibco.com/schemas/WSStubsForPartnerTesting/SharedResources/Schemas/Schema.xsd">
      <ns0:Exchange>
        <ns0:Sender>Orange</ns0:Sender>
        <ns0:Receiver>AOC</ns0:Receiver>
        <ns0:Date>2010-12-10T08:38:17.294-08:00</ns0:Date>
        <ns0:ExchangeName>INI801</ns0:ExchangeName>
        <ns0:ExchangeType>E-Citation</ns0:ExchangeType>
      </ns0:Exchange>
    </ns0:AOCCEMS>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## Appendix C – WSDL

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AOC\_CCMS\_Exchange\_Concrete.zip