

Oracle® Hospitality OPERA Web Self-Service (OWS)
OPERA Cloud Authentication

September 2018

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Preface

This document illustrates the changes needed for OPERA Cloud Authentication for the Oracle Hospitality OPERA Web Self Service (OWS) interface.

Audience

This document is intended for implementations of OPERA Cloud or OPERA v5.5.x Cloud and above.

General Information

For implementations of OPERA Cloud or OPERA v5.5.x Cloud and above, OWS vendors will need to pass WSSE credentials to the OWS server for EVERY call. These WSSE credentials will be provided by the Oracle Cloud for Industry (OCI) Operations team and must be passed in the message payload while consuming inbound OWS services. For more information about WSSE, visit <https://www.oasis-open.org>.

Important

Please note connections to OPERA v5.x on premises are not affected and vendors should NOT pass the new WSSE fields to these servers.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:
<https://support.oracle.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received and any associated log files
- Screen shots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at <http://docs.oracle.com/en/industries/hospitality/>

Revision History

| Date | Description |
|----------------|---------------------------------------|
| January 2016 | Initial Release v1.0.0 |
| January 2016 | Updated Implementation Section v1.1.0 |
| January 2016 | Updated Implementation Section v1.2.0 |
| February 2016 | Updated OWS Sample v1.3.0 |
| April 2016 | Updated OWS Sample v1.4.0 |
| April 2017 | Updated Doc v1.5.0 |
| June 2017 | Updated Doc v1.6.0 |
| September 2017 | Applied new template v1.6.0 |
| September 2018 | Added Timestamp requirement |

1 Implementation

For each Cloud implementation, the vendor will be provided a unique username and password. The provided credentials expire 365 days from date of issuance. Oracle Cloud for Industry is responsible for changing the credentials and providing them to the vendor prior to expiration.

The UserName length is 20 and Password length 30. Both will support alphanumeric and special characters.

Example XML

The vendor has been provided a username of THISISMYUSERNAMEHERE and password of MYPassWH!chC@nB3AlphaNum3r!c#1. The request for a FetchBooking call will look like the message sample below.

Note the following elements:

- Additional wsse:Security element as part of the Header
- Timestamp should be in Zulu/UTC time, default lifespan value is 5 minutes.
- Passing the same Credentials in the UserCredentials elements
- Including the required Domain in the UserName element
- Passing the correct Resort Code in the Domain element

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soap: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">
      <wsse:UsernameToken wsu:Id="UsernameToken-10">
        <wsse:Username>THISISMYUSERNAMEHERE</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">MYPassWH!chC@nB3AlphaNum3r!c#1</wsse:Password>
      </wsse:UsernameToken>
      <wsu:Timestamp wsu:Id="TS-1A8930F43CE2FE98C3153537745053555">
        <wsu:Created>2018-08-27T13:44:10Z</wsu:Created>
        <wsu:Expires>2018-08-27T13:46:10Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
    <OGHeader primaryLangID="E" timeStamp="2004-01-13T14:48:16.0718750-05:00" transactionID="000050"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="WEST" systemType="WEB"/>
      <Destination entityID="TI" systemType="ORS"/>
      <Authentication>
        <UserCredentials>
          <UserName>THISISMYUSERNAMEHERE@SAMPLE.DOMAIN</UserName>
          <UserPassword>
MYPassWH!chC@nB3AlphaNum3r!c#1</UserPassword>
          <Domain>RESORT</Domain>
        </UserCredentials>
      </Authentication>
    </OGHeader>
  </soap:Header>
  <soap:Body>
```

```
    <FetchBookingRequest
xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
    <ConfirmationNumber type="INTERNAL">2497192</ConfirmationNumber>
    </FetchBookingRequest>
</soap:Body>
</soap:Envelope>
```