

## 1 - Third-Party System Logins in BOS

---

- Service: **IWsLogin**
- Method: **UserLogin**
- WSDL: **IWsLogin.wsdl**

Parameters:

Param Name	Type	Description
AWorkstationAK	string	Identifier of the BOS workstation logical identifier  Example: OTN.WKS1
AUserName	string	BOS user name
APassword	string	BOS password
AClientMacAddress	string	Not utilized, must be empty
AuthenticationType	string	Must be ' <b>atOverview</b> '
ANewPassword	string	If not empty, it will replace the existing BOS password
Returned value	string	XML response containing the session information.

### **Important:**

**When the third-party system initializes the communication with BOS a *sessionid* (GUID) will be returned that must be passed on each subsequent call.**

**Every call that doesn't specify a valid *sessionid* will fail and an error will be returned.**

The *sessionid* can be passed in two different ways, the client can choose the one that better fit their own architecture:

- In the http header. Example:  
OvwSessionId=0096F5B2BC83464F873B1D3FBD691DC2
- In the query string. Example:  
<http://localhost:23479/soap/IWsLogin?OvwSessionId=0096F5B2BC83464F873B1D3FBD691DC2>

## 2- Retrieve BOS Product Configuration

---

- Service: **IWsEventEnquiry**
- Method: **GetPerformanceAvailability**
- WSDL: **IwsEventEnquiry.wsdl**

Parameters:

Param Name	Type	Description
aPerformanceId	Integer	Is the unique identifier of a BOS performance
aChannelId	Integer	Is the Price List id set in BOS
Returned value	string	Returns xml with all the products that can be sold for the selected performance with all the information about capacity if are needed.

### 3- Get Event Availability

---

- Service: **IWsEventEnquiry**
- Method: **GetEventavailability**
- WSDL: **IWsEventEnquiry.wsdl**

Parameters:

Param Name	Type	Description
AEvent	Integer	Identifier of the Event for which the 3 <sup>rd</sup> party system asks for availability
AFromDate	xdsDate	Start date time to search
AToDate	xdsDate	End date time to search
Returned value	string	XML containing the availability information.

## 4- Add a New Customer Record

---

- Service: **IWsDBAccount**
- Method: **SimpleImportAccount**
- WSDL: **IWsDBAccount.wsdl**

Parameters:

Param Name	Type	Description
AImportAccountXML	String	Xml that describe the structure and the data of the new customer record.  See attachment <b>SimpleImportAccount.xsd</b>
Returned value	string	XML containing the updated information of the customer record.  See attachment <b>SimpleImportAccount.xsd</b>

## 5- Hold Quantity and Seats

---

- Service: **IWsCapacity**
- Method: **Hold**
- WSDL: **IwsCapacity.wsdl**

Parameters:

Param Name	Type	Description
APerformanceId	Integer	Is the unique identifier of a BOS Performance
AEnvelopeCapacityId	Integer	Is the unique identifier of a BOS EnvelopeCapacity
AItemGuid	string	Is the GUID of a ShopCart Item that need to hold space
AHoldQuantity	Integer	Is the quantity to hold
Adjacent	Boolean	To specify if seats should be adjacent for seat allocation
IsFirstToHold	Boolean	For seat allocation
ASeatingInfo	string	Is a return value containing the seat information (seat description)

## 6- New Item by MatrixCell

---

- Service: **iWsShopcart**
- Method: **NewItemByMatrixCell**
- WSDL: **iWsShopcart.wsdl**

Parameters:

Param Name	Type	Description
AMatrixCellId	integer	Is the unique identifier of a BOS product
APerformanceId	integer	Is the unique identifier of a BOS performance (0 if GA)
AEnvelopeCapacityId	integer	Is the unique identifier of a BOS Envelope Capacity (0 if GA)
Returned value	string	Is xml that describes the shop cart item.