Langlobal Fulfillment Services

Web Service

Document Version 1.0  
Date: 10/28/2020

INDEX

**Web Operations**

1. [addPurchaseOrder](http://67.52.150.178/Purchaseorder.asmx?op=SetFulfillment_Beta)
2. [GetPurchaseOrder](http://67.52.150.178/Purchaseorder.asmx?op=GetFulfillment_Beta)
3. [CancelFulfillment](http://67.52.150.178/Purchaseorder.asmx?op=CancelFulfillmentOrder_Beta)
4. [GetRunningStock](http://67.52.150.178/Purchaseorder.asmx?op=CancelFulfillmentOrder_Beta)
5. [GetCurrentStock](http://67.52.150.178/Purchaseorder.asmx?op=FulfillmentOrdersListItems_Beta)
6. [UpdatePurchaseOrder](http://67.52.150.178/Purchaseorder.asmx?op=FulfillmentOrdersListWithHeader_Beta)
7. [GetPurchaseOrderShipment](http://67.52.150.178/Purchaseorder.asmx?op=FulfillmentOrdersProvisionalList_Beta)
8. [SETRMA](http://67.52.150.178/Purchaseorder.asmx?op=FulfillmentOrdersTracking_Beta)
9. GetRMA
10. CancelRMA
11. GetAssignedUsers
12. GetShippingCodes

**Enumeration Values**

1. Ship Via/Through
2. Fufillment Order Status
3. Line Item Status
4. Line Item Priority
5. Shipping Instruction
6. Response Error Code
7. Return Codes

[addPurchaseOrder](http://67.52.150.178/Purchaseorder.asmx?op=SetFulfillment_Beta)

This fulfillment order operation initiates the fulfillment services for the vendors. Vendors will send their fulfillment orders to the Langlobal for fulfillment services. The fulfillment order service will accept all the required information needed by system to initiate the fulfillment process. This operation needs following objects:

|  |  |
| --- | --- |
| **Operation Name:** | [addPurchaseOrder](http://67.52.150.178/Purchaseorder.asmx?op=SetFulfillment_Beta) |
| **Authentication:** | Form Authentication (User with “API\_Role” assigned) |
| **URL:** | <https://langlobal.com/Fulfillmentservice.asmx> |
| **Description:** | Create new fulfillment Order. |
| **Required Parameters:** | Purchase Number, Purchase Date, StoreID  (Assign to each customer), Contact Name, Shipping Address, Shipping City name, Shipping State, Shipping Zip code, shipping contact phone, Shipthrough, SKUs, Quantity |
| **Exception:** |  |

**Request:**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:api="http://sanvitti.com/SCM/API/">

<soapenv:Header/>

<soapenv:Body>

<tem:addPurchaseOrder>

<!--Optional:-->

<tem:purchaseOrderRequest>

<!--Optional:-->

<tem:PurchaseOrder>

<tem:requestedshipdate>2019-10-07</tem:requestedshipdate>

<tem:purchaseordernumber>TEST-API-PO1</tem:purchaseordernumber>

<tem:purchaseorderdate>2019-10-07</tem:purchaseorderdate>

<tem:customernumber>12345</tem:customernumber>

<tem:customername>Alex</tem:customername>

<tem:storeid>Main</tem:storeid>

<tem:comment>Testing api</tem:comment>

<tem:shipping>

<tem:contactname>Alex</tem:contactname>

<tem:contactphone>7288665566</tem:contactphone>

<tem:shiptoattn>Alex</tem:shiptoattn>

<tem:shiptoaddress1>Main street 123</tem:shiptoaddress1>

<tem:shiptoaddress2></tem:shiptoaddress2>

<tem:shiptocity>New york city</tem:shiptocity>

<tem:shiptostate>NY</tem:shiptostate>

<tem:shiptozip>19211</tem:shiptozip>

</tem:shipping>

<tem:shipthrough>Priority</tem:shipthrough>

<tem:shipmenttype>Ship</tem:shipmenttype>

<!--Optional:-->

<tem:details>

<!--Zero or more repetitions:-->

<tem:lineitem>

<tem:lineno>1</tem:lineno>

<!--Optional:-->

<tem:itemcode>SIM01</tem:itemcode>

<tem:quantity>5</tem:quantity>

</tem:lineitem>

</tem:details>

</tem:PurchaseOrder>

<!--Optional:-->

<tem:Authentication>

<!--Optional:-->

<tem:UserName>POPuser</tem:UserName>

<!--Optional:-->

<tem:Password>POPuser</tem:Password>

</tem:Authentication>

</tem:purchaseOrderRequest>

</tem:addPurchaseOrder>

</soapenv:Body>

</soapenv:Envelope>

**Response:**

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<addPurchaseOrderResponse xmlns="http://sanvitti.com/SCM/API/">

<addPurchaseOrderResult>

<PurchaseOrderNumber>TEST-API-PO1</PurchaseOrderNumber>

<ErrorCode/>

<Comment/>

</addPurchaseOrderResult>

</addPurchaseOrderResponse>

</soap:Body>

</soap:Envelope>

**Code Snippet:**

PurchaseOrderRequest req = new PurchaseOrderRequest();

PurchaseOrderResponse res = new PurchaseOrderResponse();

req.Authentication = new clsAuthentication();

req.Authentication.UserName = "testuser";

req.Authentication.Password = "testuser";

req.PurchaseOrder = new clsPurchaseOrder();

req.PurchaseOrder.PurchaseOrderNumber = "Testsetpo2";

req.PurchaseOrder.PurchaseOrderDate = Convert.ToDateTime("7/1/2014");

req.PurchaseOrder.Shipping = new clsShipping();

req.PurchaseOrder.Shipping.ContactName = "test";

req.PurchaseOrder.Shipping.ShipToAddress = "test address";

req.PurchaseOrder.Shipping.ShipToAttn = "test";

req.PurchaseOrder.Shipping.ShipToCity = "Sane jose";

req.PurchaseOrder.Shipping.ShipToState = "CA";

req.PurchaseOrder.Shipping.ShipToZip = "22222";

req.PurchaseOrder.Shipping.ContactPhone = "234-454-3344";

req.PurchaseOrder.StoreID = "WEB";

req.PurchaseOrder.ShipThrough = "FDGE";

List<avii.Classes.PurchaseOrderItem> its = new List<avii.Classes.PurchaseOrderItem>();

avii.Classes.PurchaseOrderItem it = new avii.Classes.PurchaseOrderItem();

it.ItemCode = "SAMH-SCH-R760-BK-NKG";

it.LineNo = 0;

it.Quantity = 100;

its.Add(it);

req.PurchaseOrder.PurchaseOrderItems = its;

avii.PurchaseOrder p = new PurchaseOrder();

PurchaseOrderResponse RES = p.SetPurchaseOrder(req);

GetPurchaseOrder

This service operation is used by vendors to retrieve the fulfillment order information and its current status.

This operation needs following objects:

|  |  |
| --- | --- |
| **Operation Name:** | GetPurchaseOrder |
| **Authentication:** | Form Authetication (User with “API\_Role” assigned) |
| **URL:** | <https://langlobal.com/Fulfillmentservice.asmx> |
| **Description:** | Get Purchase Order information including Header, Line Items, Shipping, Authentication |
| **Required Parameters:** | PurchaseOrderNumber |
| **Exception:** |  |

**Request:**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:api="http://sanvitti.com/SCM/API/">

<soapenv:Header/>

<soapenv:Body>

<tem:GetPurchaseOrder>

<!--Optional:-->

<tem:purchaseOrderRequest>

<!--Optional:-->

<tem:PurchaseOrderNumber>TEST-PO8</tem:PurchaseOrderNumber>

<!--Optional:-->

<!--Optional:-->

<tem:Authentication>

<!--Optional:-->

<tem:UserName>POPuser</tem:UserName>

<!--Optional:-->

<tem:Password>POPuser</tem:Password>

</tem:Authentication>

</tem:purchaseOrderRequest>

</tem:GetPurchaseOrder>

</soapenv:Body>

</soapenv:Envelope>

**Response:**

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<GetPurchaseOrderResponse xmlns="http://sanvitti.com/SCM/API/">

<GetPurchaseOrderResult>

<PurchaseOrder>

<requestedshipdate>2019-10-11</requestedshipdate>

<purchaseordernumber>TEST-PO8</purchaseordernumber>

<purchaseorderdate>2019-10-03</purchaseorderdate>

<customernumber/>

<customername/>

<storeid>MAIN</storeid>

<comment/>

<shipping>

<contactname>Alex</contactname>

<contactphone/>

<shiptoattn>Alex</shiptoattn>

<shiptoaddress1>Main street 123</shiptoaddress1>

<shiptoaddress2/>

<shiptocity>city</shiptocity>

<shiptostate>CA</shiptostate>

<shiptozip>19321</shiptozip>

</shipping>

<shipthrough>Priority</shipthrough>

<shipmenttype>Ship</shipmenttype>

<details>

<lineitem>

<lineno>1</lineno>

<itemcode>SIM01</itemcode>

<quantity>3</quantity>

</lineitem>

</details>

</PurchaseOrder>

<ErrorCode>None</ErrorCode>

</GetPurchaseOrderResult>

</GetPurchaseOrderResponse>

</soap:Body>

</soap:Envelope>

**Code Snippet:**

PurchaseOrderInfoRequest purchaseOrderInfoRequest = new PurchaseOrderInfoRequest();

purchaseOrderInfoRequest1.Authentication = new clsAuthentication();

purchaseOrderInfoRequest1.Authentication.UserName = "testuser";

purchaseOrderInfoRequest1.Authentication.Password = "testuser";

purchaseOrderInfoRequest1.PurchaseOrderNumber = "testpo2";

PurchaseOrder po1 = new PurchaseOrder();

PurchaseOrderInfoResponse serviceResponse1 = po1.GetPurchaseOrder(purchaseOrderInfoRequest1);

[CancelFulfillment](http://67.52.150.178/Purchaseorder.asmx?op=SetFulfillment_Beta)

This service operation is used by vendors to cancel the fulfillment orders.

This operation needs following objects:

|  |  |
| --- | --- |
| **Operation Name:** | [CancelFulfillment](http://67.52.150.178/Purchaseorder.asmx?op=SetFulfillment_Beta) |
| **Authentication:** | Required (User with “API\_Role” assigned) |
| **URL:** | <https://langlobal.com/Fulfillmentservice.asmx> |
| **Description:** | Cancel Fulfillment Order |
| **Required Parameters:** | PurchaseOrderNumber |
| **Exception:** |  |

**Request:**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:api="http://sanvitti.com/SCM/API/">

<soapenv:Header/>

<soapenv:Body>

<api:CancelFulfillment>

<!--Optional:-->

<api:fulfillmentRequest>

<!--Optional:-->

<api:PurchaseOrderNumber>TEST-PO9</api:PurchaseOrderNumber>

<!--Optional:-->

<api:Authentication>

<!--Optional:-->

<api:UserName>POPuser</api:UserName>

<!--Optional:-->

<api:Password>POPuser</api:Password>

</api:Authentication>

</api:fulfillmentRequest>

</api:CancelFulfillment>

</soapenv:Body>

</soapenv:Envelope>

**Response:**

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<CancelFulfillmentResponse xmlns="http://sanvitti.com/SCM/API/">

<CancelFulfillmentResult>

<ErrorCode/>

<Comment>UpdatedSuccessfully</Comment>

</CancelFulfillmentResult>

</CancelFulfillmentResponse>

</soap:Body>

</soap:Envelope>

**Code Snippet:**

PurchaseOrder service = new PurchaseOrder();

PurchaseOrderInfoRequest request = new PurchaseOrderInfoRequest();

clsAuthentication Authentication = new clsAuthentication();

Authentication.UserName = "testuser";

Authentication.Password = "testuser";

request.Authentication = Authentication;

request.PurchaseOrderNumber = "TestUP1";

CancelPurchaseOrderResponse service = po.CancelFulfillment(request);

[GetRunningStock](http://67.52.150.178/Purchaseorder.asmx?op=SetFulfillment_Beta)

This service operation is used by vendors to retrieve the running stock of each SKU.

This operation needs following objects:

|  |  |
| --- | --- |
| **Operation Name:** | GetRunningStock |
| **Authentication:** | Required (User with “API\_Role” assigned) |
| **URL:** | https://langlobal.com/Fulfillmentservice.asmx |
| **Description:** | Retrieve running stock of SKUs |
| **Required Parameters:** |  |
| **Exception:** |  |

**Request:**

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:tem="http://tempuri.org/">

<soap:Header/>

<soap:Body>

<tem:GetRunningStock>

<!--Optional:-->

<tem:serviceRequest>

<!--Optional:-->

<tem:UserCredentials>

<!--Optional:-->

<tem:UserName>POPuser</tem:UserName>

<!--Optional:-->

<tem:Password>POPuser</tem:Password>

</tem:UserCredentials>

<tem:IncludeDisabledSKU>false</tem:IncludeDisabledSKU>

<!--Optional:-->

<tem:SKU>TEST</tem:SKU>

<tem:DateFrom>2021-02-23</tem:DateFrom>

<tem:DateTo>2021-02-24</tem:DateTo>

</tem:serviceRequest>

</tem:GetRunningStock>

</soap:Body>

</soap:Envelope>

**Response:**

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<GetRunningStockResponse xmlns="http://tempuri.org/">

<GetRunningStockResult>

<ReturnCode>SuccessfullyRetrieved</ReturnCode>

<Comment>Successfully Retrieved</Comment>

<RunningStock>

<StockCount>

<CategoryName>Collateral</CategoryName>

<SKU>ZMP-SIMKIT01</SKU>

<ItemName> SIM Quick Start Guide</ItemName>

<StockDate>2021-02-24T00:00:00</StockDate>

<RefreshDate>2021-02-24T12:30:02.887</RefreshDate>

<OpeningBalance>951</OpeningBalance>

<StockReceived>0</StockReceived>

<StockAssigned>0</StockAssigned>

<StockReassignment>0</StockReassignment>

<ClosingBalance>951</ClosingBalance>

</StockCount>

<StockCount>

<CategoryName>Collateral</CategoryName>

<SKU>ZMP-SIMKIT01</SKU>

<ItemName> SIM Quick Start Guide</ItemName>

<StockDate>2021-02-23T00:00:00</StockDate>

<RefreshDate>2021-02-23T23:30:02.853</RefreshDate>

<OpeningBalance>951</OpeningBalance>

<StockReceived>0</StockReceived>

<StockAssigned>0</StockAssigned>

<StockReassignment>0</StockReassignment>

<ClosingBalance>951</ClosingBalance>

</StockCount>

<StockCount>

<CategoryName>SIMs</CategoryName>

<SKU> SIM01</SKU>

<ItemName> SIM Card</ItemName>

<StockDate>2021-02-23T00:00:00</StockDate>

<RefreshDate>2021-02-23T23:30:02.853</RefreshDate>

<OpeningBalance>14945</OpeningBalance>

<StockReceived>0</StockReceived>

<StockAssigned>0</StockAssigned>

<StockReassignment>0</StockReassignment>

<ClosingBalance>14945</ClosingBalance>

</StockCount>

<StockCount>

<CategoryName>SIMs</CategoryName>

<SKU>SIM02</SKU>

<ItemName> SIM card</ItemName>

<StockDate>2021-02-23T00:00:00</StockDate>

<RefreshDate>2021-02-23T23:30:02.853</RefreshDate>

<OpeningBalance>0</OpeningBalance>

<StockReceived>0</StockReceived>

<StockAssigned>0</StockAssigned>

<StockReassignment>0</StockReassignment>

<ClosingBalance>0</ClosingBalance>

</StockCount>

</RunningStock>

</GetRunningStockResult>

</GetRunningStockResponse>

</soap:Body>

</soap:Envelope>

**Code Snippet:**

StockOperation service = new StockOperation ();

RunningStockRequest request = new RunningStockRequest();

request.Authentication.UserName = "testuser";

request.Authentication.Password = "testuser";

request.DateFrom= "2021-02-23";

request.DateTo= "2021-02-22";

RunningStockResponse response = service. GetRunningStock (request);

GetCurrentStock

This service operation is used by vendors to retrieve the inventory current stock information.

This operation needs following objects:

|  |  |
| --- | --- |
| **Operation Name:** | [GetCurrentStock](http://67.52.150.178/Purchaseorder.asmx?op=SetFulfillment_Beta) |
| **Authentication:** | Required (User with “API\_Role” assigned) |
| **URL:** | <https://langlobal.com/Fulfillmentservice.asmx> |
| **Description:** | Retrieve inventory current stock information |
| **Required Parameters:** |  |
| **Exception:** |  |

**Request:**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:tem="http://tempuri.org/">

<soapenv:Header/>

<soapenv:Body>

<tem:GetCurrentStock>

<!--Optional:-->

<tem:serviceRequest>

<!--Optional:-->

<tem:UserCredentials>

<tem:UserName>testuser</tem:UserName>

<!--Optional:-->

<tem:Password>testuser</tem:Password>

</tem:UserCredentials>

<!--Optional:-->

<tem:SKU>ZMPSIMKIT01</tem:SKU>

</tem:serviceRequest>

</tem:GetCurrentStock>

</soapenv:Body>

</soapenv:Envelope>

**Response:**

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<GetCurrentStockResponse xmlns="http://tempuri.org/">

<GetCurrentStockResult>

<ReturnCode>SuccessfullyRetrieved</ReturnCode>

<Comment>Successfully Retrieved</Comment>

<CurrentStocks>

<CurrentStock>

<SKU> ZMPSIMKIT01</SKU>

<CategoryName>SIMs</CategoryName>

<ProductName> ZMPSIMKIT01</ProductName>

<StockInHand>14945</StockInHand>

</CurrentStock>

</CurrentStocks>

</GetCurrentStockResult>

</GetCurrentStockResponse>

</soap:Body>

</soap:Envelope>

**Code Snippet:**

StockOperation service = new StockOperation();

CurrentStockRequest request = new CurrentStockRequest();

request.Authentication.UserName = "testuser";

request.Authentication.Password = "testuser";

request.SKU = " ZMPSIMKIT01";

CurrentStockResponse response = service. GetCurrentStock(request);

UpdatePurchaseOrder

This service operation is used by vendors to update the fulfillment orders shipping address and line items.

This operation needs following objects:

|  |  |
| --- | --- |
| **Operation Name:** | [UpdatePurchaseOrder](http://67.52.150.178/Purchaseorder.asmx?op=SetFulfillment_Beta) |
| **Authentication:** | Required (User with “API\_Role” assigned) |
| **URL:** | <https://langlobal.com/Fulfillmentservice.asmx> |
| **Description:** | Update the fulfillment orders shipping address and line items |
| **Required Parameters:** | Fields to be updated |
| **Exception:** |  |

**Request:**

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:tem="http://tempuri.org/">

<soap:Header/>

<soap:Body>

<tem:UpdatePurchaseOrder>

<!--Optional:-->

<tem:serviceRequest>

<!--Optional:-->

<tem:UserCredentials>

<!--Optional:-->

<tem:UserName>testuser</tem:UserName>

<!--Optional:-->

<tem:Password>testuser</tem:Password>

</tem:UserCredentials>

<!--Optional:-->

<tem:FulfillmentOrder>

<!--Optional:-->

<tem:FulfillmentNumber>TESTPO01</tem:FulfillmentNumber>

<!--Optional:-->

<tem:contactname>Alex</tem:contactname>

<tem:FulfillmentItems>

<!--Zero or more repetitions:-->

<tem:FulfillmentItem>

<!--Optional:-->

<tem:sku>SIM02</tem:sku>

<!--Optional:-->

<tem:linenumber>2</tem:linenumber>

<tem:Quantity>100</tem:Quantity>

</tem:FulfillmentItem>

</tem:FulfillmentItems>

</tem:FulfillmentOrder>

</tem:serviceRequest>

</tem:UpdatePurchaseOrder>

</soap:Body>

</soap:Envelope>

**Response:**

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<UpdatePurchaseOrderResponse xmlns="http://tempuri.org/">

<UpdatePurchaseOrderResult>

<ReturnCode>Updated Successfully</ReturnCode>

<Comment> </Comment>

</UpdatePurchaseOrderResult>

</UpdatePurchaseOrderResponse>

</soap:Body>

</soap:Envelope>

**Code Snippet:**

FulfillmentOperations service = new FulfillmentOperations();

FulfillmentReportRequest request = new FulfillmentReportRequest();

request.Authentication.UserName = "testuser";

request.Authentication.Password = "testuser";

request. FulfillmentNumber.FulfillmentNumber = "TESTPO01";

FulfillmentResponse response = service. UpdatePurchaseOrder (request);

GetPurchaseOrderShipment

This service operation is used by vendors to retrieve the fulfillment order information.

This operation needs following objects:

|  |  |
| --- | --- |
| **Operation Name:** | GetPurchaseOrderShipment |
| **Authentication:** | Required (User with “API\_Role” assigned) |
| **URL:** | <https://langlobal.com/Fulfillmentservice.asmx> |
| **Description:** | Fulfillment order information |
| **Required Parameters:** | PurchaseOrderNumber |
| **Exception:** |  |

**Request:**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:api="http://sanvitti.com/SCM/API/">

<soapenv:Header/>

<soapenv:Body>

<api:GetPurchaseOrderShipment>

<!--Optional:-->

<api:serviceRequest>

<!--Optional:-->

<api:UserCredentials>

<!--Optional:-->

<api:UserName>popuser</api:UserName>

<!--Optional:-->

<api:Password>popuser</api:Password>

</api:UserCredentials>

<!--Optional:-->

<api:PurchaseOrderNumber>TEST-PO10</api:PurchaseOrderNumber>

</api:serviceRequest>

</api:GetPurchaseOrderShipment>

</soapenv:Body>

</soapenv:Envelope>

**Response:**

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<GetPurchaseOrderShipmentResponse xmlns="http://sanvitti.com/SCM/API/">

<GetPurchaseOrderShipmentResult>

<ReturnCode>SuccessfullyRetrieved</ReturnCode>

<Comment>Successfully Retrieved</Comment>

<Shipments>

<PurchaseOrderShipping>

<PurchaseOrderNumber>TEST-PO10</PurchaseOrderNumber>

<PODate>10/3/2019</PODate>

<ShippingMethod>PRIORITY</ShippingMethod>

<Trackings>

<PurchaseOrderTracking>

<ShipDate>10/8/2019</ShipDate>

<TrackingNumber>0405510200881103742096</TrackingNumber>

<AcknowledgmentSent/>

<ShipmentType>Ship</ShipmentType>

<LineItems>

<LineItems>

<Qty>3</Qty>

<SKU>T-TEST000045</SKU>

<ESN/>

<ICCID/>

<BatchNumber/>

</LineItems>

</LineItems>

</PurchaseOrderTracking>

</Trackings>

</PurchaseOrderShipping>

</Shipments>

</GetPurchaseOrderShipmentResult>

</GetPurchaseOrderShipmentResponse>

</soap:Body>

</soap:Envelope>

**Code Snippet:**

PurchaseOrderShipmentTracking service = new PurchaseOrderShipmentTracking ();

PurchaseOrderShipmentRequest request = new PurchaseOrderShipmentRequest();

request.Authentication.UserName = "testuser";

request.Authentication.Password = "testuser";

request.PurchaseOrderNumber = "TestUP1";

PurchaseOrderShipmentAPIResponse response = service.CheckOrderShippingStatus(request);

SETRMA

This service operation is used by vendors to Create the RMA.

This operation needs following objects:

|  |  |
| --- | --- |
| **Operation Name:** | [SETRMA](http://67.52.150.178/Purchaseorder.asmx?op=SetFulfillment_Beta) |
| **Authentication:** | Required (User with “API\_Role” assigned) |
| **URL:** | <https://langlobal.com/Fulfillmentservice.asmx> |
| **Description:** | To Create RMA |
| **Required Parameters:** | ESN and RMA headers |
| **Exception:** |  |

**Request:**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:api="http://sanvitti.com/SCM/API/">

<soapenv:Header/>

<soapenv:Body>

<tem:SetRMA>

<!--Optional:-->

<tem:RMARequest>

<!--Optional:-->

<tem:RMA>

<!--Optional:-->

<tem:StoreID>MAIN</tem:StoreID>

<!--Zero or more repetitions:-->

<tem:RMADetail>

<tem:Disposition>Repair</tem:Disposition>

<tem:Warranty>Warranty</tem:Warranty>

<tem:ESN>1222223344</tem:ESN>

<tem:Reason>DOA</tem:Reason>

<tem:Notes>Testing</tem:Notes>

</tem:RMADetail>

<tem:RmaNumber>TEST-RMAAPI03</tem:RmaNumber>

<tem:RmaDate>2019-10-11</tem:RmaDate>

<tem:RmaContactName>Alex</tem:RmaContactName>

<tem:Email>alex@testing.co</tem:Email>

<tem:Phone>5566778899</tem:Phone>

<tem:Address>Main street 1234</tem:Address>

<tem:City>New York</tem:City>

<tem:State>NY</tem:State>

<tem:Zip>19222</tem:Zip>

<tem:Comment>Test SET RMA API</tem:Comment>

</tem:RMA>

<!--Optional:-->

<tem:Authentication>

<!--Optional:-->

<tem:UserName>POPuser</tem:UserName>

<!--Optional:-->

<tem:Password>POPuser</tem:Password>

</tem:Authentication>

</tem:RMARequest>

</tem:SetRMA>

</soapenv:Body>

</soapenv:Envelope>

**Response:**

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<SetRMAResponse xmlns="http://sanvitti.com/SCM/API/">

<SetRMAResult>

<RMANumber>TEST-RMAAPI03</RMANumber>

<ErrorCode/>

<Comment><![CDATA[RMA is successfully added with <u><b>RMA# TEST-RMAAPI03</b></u>. Please do not send your returns until RMA is APPROVED by <b>WSA Returns Department</b>.]]></Comment>

<RMADate>10/11/2019</RMADate>

</SetRMAResult>

</SetRMAResponse>

</soap:Body>

</soap:Envelope>

**Code Snippet:**

RMAAPIResponse response = new RMAAPIResponse();

RMAAPIRequest req = new RMAAPIRequest();

req.Authentication.UserName = "testuser";

req.Authentication.Password = "testuser";

RMANew rma = new RMANew();

RMADetails rmaDetails = new RMADetails();

List<RMADetails> rmaListDetails = new List<RMADetails>();

rma.RmaNumber = "APITestRMA12345";

rma.RmaDate = DateTime.Now;

rma.Address = "address1";

rma.City = "city";

rma.Comment = "comment";

rma.Email = "testemail@gmail.com";

rma.Phone = "981-222-3456";

rma.RmaContactName = "Alex";

rma.RmaDate = “2021-01-22”;

rma.State = "Test";

rma.StoreID = "Main";

rma.Zip = "234561";

rmaDetails.ESN = "221991009900009";

rmaDetails.Notes = "Testing";

rmaDetails.Reason = RMAReason.DOA;

rmaDetails.Warranty = Warranty.Warranty;

rmaListDetails.Add(rmaDetails);

rma.RmaDetails = rmaListDetails;

req.RMA = rma;

response = RMAUtility. SetRMA (req);

GetRMA

This service operation is used by vendors to retrieved the RMA information.

This operation needs following objects:

|  |  |
| --- | --- |
| **Operation Name:** | [GetRMA](http://67.52.150.178/Purchaseorder.asmx?op=SetFulfillment_Beta) |
| **Authentication:** | Required (User with “API\_Role” assigned) |
| **URL:** | <https://langlobal.com/Fulfillmentservice.asmx> |
| **Description:** | To get RMA detail |
| **Required Parameters:** | RMANumber |
| **Exception:** |  |

**Request:**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:api="http://sanvitti.com/SCM/API/">

<soapenv:Header/>

<soapenv:Body>

<tem:GetRMA>

<!--Optional:-->

<tem:rmaRequest>

<!--Optional:-->

<tem:RMANumber>TEST-RMAAPI03</tem:RMANumber>

<!--Optional:-->

<tem:Authentication>

<!--Optional:-->

<tem:UserName>POPuser</tem:UserName>

<!--Optional:-->

<tem:Password>POPuser</tem:Password>

</tem:Authentication>

</tem:rmaRequest>

</tem:GetRMA>

</soapenv:Body>

</soapenv:Envelope>

**Response:**

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<GetRMAResponse xmlns="http://sanvitti.com/SCM/API/">

<GetRMAResult>

<RmaReportList>

<RMAReport>

<RMANumber>TEST-RMAAPI03</RMANumber>

<RMADate>2019-10-11T00:00:00</RMADate>

<SKU/>

<ESN>1222223344</ESN>

<DefectReason>DOA</DefectReason>

<Status>Pending</Status>

<Notes>Test SET RMA API</Notes>

<WSANotes/>

</RMAReport>

</RmaReportList>

<ErrorCode>SuccessfullyRetrieved</ErrorCode>

</GetRMAResult>

</GetRMAResponse>

</soap:Body>

</soap:Envelope>

**Code Snippet:**

RMASearchCriteria request = new RMASearchCriteria();

clsAuthentication Authentication = new clsAuthentication();

Authentication.UserName = "testuser";

Authentication.Password = " testuser ";

request.Authentication = Authentication;

request.RMANumber = "RMA-20140420642";

RMAUtility service = new RMAUtility();

RMAResponse response = service.GetRMA(request);

CancelRMA

This service operation is used by vendors to cancel the RMA.

This operation needs following objects:

|  |  |
| --- | --- |
| **Operation Name:** | [CancelRMA](http://67.52.150.178/Purchaseorder.asmx?op=SetFulfillment_Beta) |
| **Authentication:** | Required (User with “API\_Role” assigned) |
| **URL:** | <https://langlobal.com/Fulfillmentservice.asmx> |
| **Description:** | To cancel RMA |
| **Required Parameters:** | RMANumber |
| **Exception:** |  |

**Request:**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:api="http://sanvitti.com/SCM/API/">

<soapenv:Header/>

<soapenv:Body>

<tem:CancelRMA>

<!--Optional:-->

<tem:rmaRequest>

<!--Optional:-->

<tem:RMANumber>TestRMA01</tem:RMANumber>

<!--Optional:-->

<tem:Authentication>

<!--Optional:-->

<tem:UserName>POPuser</tem:UserName>

<!--Optional:-->

<tem:Password>POPuser</tem:Password>

</tem:Authentication>

</tem:rmaRequest>

</tem:CancelRMA>

</soapenv:Body>

</soapenv:Envelope>>

**Response:**

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<CancelRMAResponse xmlns="http://sanvitti.com/SCM/API/">

<CancelRMAResult>

<ErrorCode/>

<Comment>UpdatedSuccessfully</Comment>

</CancelRMAResult>

</CancelRMAResponse>

</soap:Body>

</soap:Envelope>

**Code Snippet:**

RMARequests request = new RMARequests();

clsAuthentication Authentication = new clsAuthentication();

Authentication.UserName = "testuser";

Authentication.Password = " testuser ";

request.Authentication = Authentication;

request.RMANumber = "WSA-RMA-20140420642";

RMAUtility service = new RMAUtility();

CancelRMAResponse res = service.CancelRMA(request);

GetAssignedUsers

This service operation is used by vendors to retrieve the assigned users.

This operation needs following objects:

|  |  |
| --- | --- |
| **Operation Name:** | [GetAssignedUser](http://67.52.150.178/Purchaseorder.asmx?op=SetFulfillment_Beta) |
| **Authentication:** | Required (User with “API\_Role” assigned) |
| **URL:** | <https://langlobal.com/Fulfillmentservice.asmx> |
| **Description:** | To retrieve their all user information |
| **Required Parameters:** |  |
| **Exception:** |  |

**Request:**

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:tem="http://tempuri.org/">

<soap:Header/>

<soap:Body>

<tem:GetAssignedUsers>

<!--Optional:-->

<tem:userRequest>

<!--Optional:-->

<tem:Authentication>

<!--Optional:-->

<tem:UserName>popuser</tem:UserName>

<!--Optional:-->

<tem:Password>popuser</tem:Password>

</tem:Authentication>

</tem:userRequest>

</tem:GetAssignedUsers>

</soap:Body>

</soap:Envelope>

**Response:**

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<GetAssignedUsersResponse xmlns="http://tempuri.org/">

<GetAssignedUsersResult>

<CompanyInfo>

<CompanyAccountNumber>12345</CompanyAccountNumber>

<CompanyName>Company Name</CompanyName>

<CompanyShortName>STD</CompanyShortName>

<Users>

<UserName>testuser</UserName>

<Email>email@email.com</Email>

<Status>Approved</Status>

<RolesAssigned>Fulfillment,APIROLE,RMA</RolesAssigned>

</Users>

<Users>

<UserName>admin</UserName>

<Email>admin@lan.com</Email>

<Status>Approved</Status>

<RolesAssigned>Fulfillment,CustomerAdmin,RMA,Reporting,Login/Logout</RolesAssigned>

</Users>

</CompanyInfo>

<ReturnCode>SuccessfullyRetrieved</ReturnCode>

<Comment>SuccessfullyRetrieved</Comment>

</GetAssignedUsersResult>

</GetAssignedUsersResponse>

</soap:Body>

</soap:Envelope>

**Code Snippet:**

UsersRequest request = new UsersRequest();

clsAuthentication Authentication = new clsAuthentication();

Authentication.UserName = "testuser";

Authentication.Password = " testuser ";

request.Authentication = Authentication;

CompanyOperations service = new CompanyOperations();

UsersResponse res = service. GetAssignedUsers (request);

GetSippingCodes

This service operation is used by vendors to retrieve the shipping codes.

This operation needs following objects:

|  |  |
| --- | --- |
| **Operation Name:** | GetShippingCodes |
| **Authentication:** | Required (User with “API\_Role” assigned) |
| **URL:** | <https://langlobal.com/Fulfillmentservice.asmx> |
| **Description:** | To retrieve shipping codes |
| **Required Parameters:** |  |
| **Exception:** |  |

**Request:**

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:tem="http://tempuri.org/">

<soap:Header/>

<soap:Body>

<tem:GetShippingCodes/>

</soap:Body>

</soap:Envelope>

**Response:**

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<GetShippingCodesResponse xmlns="http://tempuri.org/">

<GetShippingCodesResult>

<ShipByList>

<ShipBy>

<ShipByCode>First</ShipByCode>

<ShipByText>First</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>LibraryMail</ShipByCode>

<ShipByText>LibraryMail</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>Priority</ShipByCode>

<ShipByText>Priority Mail</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>MediaMail</ShipByCode>

<ShipByText>MediaMail</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>ParcelSelect</ShipByCode>

<ShipByText>ParcelSelect</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>RetailGround</ShipByCode>

<ShipByText>RetailGround</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>PriorityExpress</ShipByCode>

<ShipByText>PriorityExpress</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>fedex\_ground</ShipByCode>

<ShipByText>FDXHDNOS</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>fedex\_express\_saver</ShipByCode>

<ShipByText>FDXSMPST</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>fedex\_home\_delivery</ShipByCode>

<ShipByText>FedEx Home Delivery</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>fedex\_2day</ShipByCode>

<ShipByText>FedEx 2nd Day</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>fedex\_2day\_am</ShipByCode>

<ShipByText>FedEx 2nd Day AM</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>fedex\_standard\_overnight</ShipByCode>

<ShipByText>FDXSONOS</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>fedex\_priority\_overnight</ShipByCode>

<ShipByText>FedEx Priority Overnight</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>fedex\_first\_overnight</ShipByCode>

<ShipByText>FedEx First Overnight</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>fedex\_401\_day\_freight</ShipByCode>

<ShipByText>Fedex 401 Day Freight</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>fedex\_2\_day\_freight</ShipByCode>

<ShipByText>FDX2DNOS</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>fedex\_3\_day\_freight</ShipByCode>

<ShipByText>Fedex 3 Day Freight</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>fedex\_first\_overnight\_freight</ShipByCode>

<ShipByText>Fedex First Overnight Freight</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>PriorityMailExpressInternational</ShipByCode>

<ShipByText>PriorityMailExpressInternational</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>FirstClassMailInternational</ShipByCode>

<ShipByText>FirstClassMailInternational</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>FirstClassPackageInternationalService</ShipByCode>

<ShipByText>FirstClassPackageInternationalService</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>PriorityMailInternational</ShipByCode>

<ShipByText>PriorityMailInternational</ShipByText>

</ShipBy>

<ShipBy>

<ShipByCode>TruckLoad</ShipByCode>

<ShipByText>TruckLoad</ShipByText>

</ShipBy>

</ShipByList>

<ErrorCode/>

</GetShippingCodesResult>

</GetShippingCodesResponse>

</soap:Body>

</soap:Envelope>

**Code Snippet:**

PurchaseOrder service = new PurchaseOrder();

ShippByResponse res = service. GetShippingCodes(request);

**ENUMERATORS**

**Ship Via/Through:**

FedEx General:

FDGE <= FedEx General

FED 1D PM <= FedEx One Day

FED 2D PM <= FedEx Two Days

3-Day <= 3-Day

Will Call <= Will Call

FDXGRDSR <= Ground delivery signature required

FDXGRASR <= Ground adult signature required

FDXHDNOS <= Residential no signature required

FDXHDDSR <= Residential delivery signature required

FDXHDASR <= Residential adult signature required

FedEx Express:

FDXEXNOS <= 3D Express no signature required

FDXEXDSR <= 3D Express delivery signature required

FDXEXASR <= 3D Express adult signature required

FDX2DNOS <= 2D Express no signature required

FDX2DDSR <= 2D Express delivery signature required

FDX2DASR <= 2D Express adult signature required

FDXSONOS <= Standard Overnight no signature required

FDXSODSR <= Standard Overnight delivery signature required

FDXSOASR <= Standard Overnight adult signature required

FDXPONOS <= Priority Overnight no signature required

FDXPODSR <= Priority Overnight delivery signature required

FDXPOASR <= Priority Overnight adult signature required

FDXSDNOS <= Saturday Delivery no signature required

FDXSDDSR <= Saturday Delivery delivery signature required

FDXSDASR <= Saturday Delivery adult signature required

FDXGRCOD <= Ground cash-on-delivery

FDXEXCOD <= Express cash-on-delivery

FDX2DCOD <= 2D Express cash-on-delivery

FDXSOCOD <= Saturday Delivery Express cash-on-delivery

FDXPOCOD <= Priority Overnight Express cash-on-delivery

FDXINPR <= International Priority

FDXINEC <= International Economy

**Fulfillment Order Status**

None <= No status, please contract administrator if you find this status

Pending <= Default Status of all received orders.

Processed <= Order is processed by fulfillment department and ESNs are assigned to phones.

Shipped <= Order are marked for dispatch and out in transit or waiting for shipper.

Closed <= Order is received by customer. This status is assigned by customer.

Return <= Order is being returned.

Approved <= Order/line Items are approved by floor supervisor.

Rejected <= Order/line Items are rejected by floor supervisor.

Cancelled <= Order is cancelled by customer. This can only be done at Pending state.

**Fulfillment Order Line Item Status**

None <= No status, please contract administrator if you find this status

Pending <= Default Status of all received orders.

Processed <= Order is processed by fulfillment department and ESNs are assigned to phones.

Shipped <= Order are marked for dispatch and out in transit or waiting for shipper.

Closed <= Order is received by customer. This status is assigned by customer.

Return <= Order is being returned.

Approved <= Order/line Items are approved by floor supervisor.

Rejected <= Order/line Items are rejected by floor supervisor.

Cancelled <= Order is cancelled by customer. This can only be done at Pending state.

**Fulfillment Order Line Item Priority**

Normal <= Normal delivery of phone in an order.

Rush <= Rush delivery of phone in an order.

**Fulfillment Order Line Item Shipping Instruction**

Complete <= Instruction of order shipment i.e. partial shipment of order is not allowed.

PartialAllowed <=Instruction of order shipment, partial shipment is allowed.

**API (Web Services) Response ReturnCodes**

None <= Added for backward compatibility (Not in use)

Successful <= Transaction competed

NoRecordExists <= GET operation could not find matching record

SQLException <= Database exception occurred. Report this error.

UnknownError <= Unhandled exception. Report this error.

DuplicateRecordExists <= Duplicate records exists for Order/RMA number.

ExceptionOccured <= General exception. Report this error.

MissingRequiredData <= Missing required data to complete the transaction. Check documentation.

ValidationError <= RMA data validation failed.

ProductNotAssinged <= Product is not assigned to customer.

PurchaseOrderAlreadyExists <= Fulfillment Order does not exists in repository.

InvalidItemSKU <= Wrong SKU# is passed.

AuthenticationFail <= User authentication to Site/API failed.

MissingParameter <= Required parameter is missing.

UploadedSuccessfully <= Bulk upload file is loaded to the system.

PartiallyUploaded, <= Bulk upload file is partially uploaded to the system.

InconsistantData <= Wrong format of data is passed to the system.

ErrowWhileLoadingData <= Wrong format of data is passed to upload process.

PurchaseOrderNotShipped <= Fulfillment Order is not shipped yet.

PurchaseOrderShipped <= Fulfillment Order is shipped.

StroreIDNotExists <= Wrong Customer Store ID is passed to the system.

InvalidShiVia <= Wrong Ship Via is passed.

UserNotAssigned, <= Company does not have active user.