

 **SmartShip** 

|  |           |
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Smartship uses token authentication mechanism for all its APIs.

To access any smartship API, generating access token is the **prerequisite**.  
To get the access token, use **LoginTokenAPI**.

## SMARTSHIP FIRST-UP INTEGRATION APIS

### Points to consider:

- Please use the below listed APIs in their **specified order** to integrate with Smartship system.

The screenshot shows the 'My Profile' section of the Smart Ship dashboard. On the left, there is a sidebar menu with options: Contact, Business Details, Bank Info, Pickup Address, Change Password, and API Credentials (selected). The main content area displays the following fields:

- Token End Point:
- API End Point:
- Client Id:
- Client Secret:
- Email:
- Password:  Show

A 'Download API Document' button is located in the top right corner of the form area.

### API TEST CREDENTIALS \*

```
{  
  "username": "vivek.sankhyan@shopclues.com",  
  "password": "e10adc3949ba59abbe56e057f20f883e",  
  "client_id": "1ZT6T600PZ6LGOHOS99IV0ES5UA4",  
  "client_secret": "!K3V@Y_7LSD(MUG44ZG4ZTJLZ7FE8)_X12*_D^5QL9MYGT",  
  "grant_type": "password"  
}
```

\*Replace these test credentials with your live account credentials (found in the API credentials section of My Profile tab on smartship.in as shown in the above screenshot) to start punching live orders.

## 1) Login Token API:

URL: <https://oauth.smartship.in/loginToken.php>

### Header:

Content-Type: application/json

### Method:

POST

### Request (Json):

```
{
  "username": "<Your email address>",
  "password": "<MD5 of your account password>",
  "client_id": "<Shared client Id>",
  "client_secret": "<Shared client secret>",
  "grant_type": "password"                                //Constant String
}
```

### Successful Response (Json):

```
{
  "access_token": "73d37b7361b568249b9b26d5746e722c3e60", // Sample access token
  "expires_in": 3600,
  "token_type": "Bearer",
  "scope": null,
  "refresh_token": "dfaa70a0703b2a1553a49a355edf28d5b0", // Sample refresh token
}
```

### Failure (Json):

```
{
  "error": "invalid_grant",
  "error_description": "Invalid username and password combination"
}
```

### Points to consider:

- Access Token is valid for **1 Hour Only**.

## 2) Hub Registration API

URL:<https://api.smartship.in/v2/app/Fulfillmentservice/hubRegistration>

### Header:

Content-Type: application/json

Authorization:BearerXXXXXX

### Method:

POST

### Request (Json):

```
{
  "hub_details":{
    "hub_name":"Delhi Warehouse",
    "pincode":"122001",
    "city":"Gurgaon",
    "state":"Harayana",
    "address1":"G-167,Sector40",
    "address2":"First Floor, Near Police Station ",
    "hub_phone":"9999613323",
    "delivery_type_id":2
  }
}
```

### Request Field Details:

| Field Name       | Data Type                               | Description  | Is Mandatory?                              |
|------------------|---|--|--|
| hub_name         | Varchar                                 | Name of your hub   | Yes  |
| pincode          | Numeric                                 | Pincode of the hub   | Yes  |
| city             | Varchar                                 | City name  | Yes  |
| state            | Varchar                                 | State name   | Yes  |
| address1         | Varchar                                 | Addressline1   | Yes  |
| address2         | Varchar                                 | Addressline2   | Yes  |
| hub_phone        | Numeric                                 | Valid 10 digit phone number  | Yes  |
| delivery_type_id | Numeric (Can have values as 1/2/3 only) | Id describing hub's service type<br><b>1 -Express</b><br><b>2 -Economy</b><br><b>3 -Bulk</b> | No (Takes default value as 1 i.e. Express) |

### **Successful Case:**

#### **Response (Json):**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "info":"Hub registered successfully",
    "hub_id":1239
  },
  "extra":null
}
```

### **Failed Case:**

#### **Response (Json):**

```
{
  "status":0,
  "code":200,
  "message":"OK",
  "data":{
    "message":{
      "info":"Hub registration failed",
      "validation_error":[
        "invalid pincode"
      ]
    }
  },
  "extra":null
}
```

### **3) One Step Order Registration API**

**URL:**<https://api.smartship.in/v2/app/Fulfillmentservice/orderRegistrationOneStep>

#### **Header:**

Content-Type: application/json  
Authorization:BearerXXXXXX

#### **Method:**

POST

#### **Request (Json):**

```
{
```

```

"request_info":{
  "client_id": "",
  "run_type": "create"
},
"orders":[
  {
    "client_order_reference_id": "TEST_23_935",
    "shipment_type": 1,
    "order_collectable_amount": "1000",
    "total_order_value": "0",
    "payment_type": "cod",
    "package_order_weight": "300",
    "package_order_length": "12",
    "package_order_height": "5",
    "package_order_width": "8",
    "shipper_hub_id": "28329",
    "shipper_gst_no": "29ABCDE1234F2Z5",
    "order_invoice_date": "20-10-2021",
    "order_invoice_number": "TEST_COD_935",
    "is_return_qc": "0",
    "return_reason_id": "0",
    "order_meta": {
      "preferred_carriers": [
        1,
        3,
        279
      ]
    }
  },
  "product_details": [
    {
      "client_product_reference_id": "127779866",
      "product_name": "Milton Bottle 750ML",
      "product_category": "computer",
      "product_hsn_code": "02069010",
      "product_quantity": "1",
      "product_invoice_value": "100",
      "product_gst_tax_rate": "5",
      "product_taxable_value": "100",
      "product_sgst_amount": "2",
      "product_sgst_tax_rate": "2",
      "product_cgst_amount": "2",
      "product_cgst_tax_rate": "2"
    }
  ],
  "consignee_details": {
    "consignee_name": "Sachin Dubey",
    "consignee_phone": "9876543210",

```

```
    "consignee_email":"sachindubey2000@gmail.com",
    "consignee_complete_address":"Plot 1268 Ground Floor Toshika Niwas Sector
46 In front of Guru Nank Park",
    "consignee_pincode":"122001"
  }
}
]
```

**Response (Json):**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "total_records":1,
    "total_success_orders":1,
    "request_id":1277601,
    "total_eliminated_orders":0,
    "success_order_details":{
      "orders":[
        {
          "index":0,
          "client_order_reference_id":"TEST_23_935",
          "request_order_id":4165281,
          "cost_estimation":{
            "forward":{
              "freight_charges":"24.00",
              "region":"Within City",
              "fuel_surcharge":0,
              "fuel_surcharge_percentage":"0.00",
              "insurance_type":"fov",
              "insurance_charges_percentage":"0.25",
              "maximum_insured_value":"5000.00",
              "insurance_charges":0.25,
              "cod_charges":"30.00",
              "shipping_cost":54.25,
              "shipping_cost_tax_amount":9.765,
              "total_shipping_cost":64.015
            },
            "rto":{
              "fuel_surcharge":0,
              "fuel_surcharge_percentage":"0.00",
              "freight_charges":"24.00",
              "region":"Within City",
              "shipping_cost_tax_amount":4.32,
              "total_shipping_cost":28.32
            }
          }
        }
      ]
    }
  }
}
```



```

    }
  },
  "sc_confirmation_no":4129805,
  "message":"Successfully Punched",
  "transition":false,
  "dss_carrier_allocation":true,
  "carrier_name":"Delhivery-SS",
  "awb_assigned":true,
  "awb_number":"3159416113866",
  "code":4,
  "carrier_id":"3",
  "carrier_code":"DSSE",
  "route_code":"GGN/DPC"
}
],
"shipping_info":{
  "label_url":"https://smartship.in/images/excel_upload/shipping_label/20-10-2021/shipping-label-A4-b9df8bd80f2076d4da62b2f7c20779dc.pdf"
}
},
"errors":null
},
"extra":null
}

```

**Status Codes & Order States:**

| Status Code | Order States               |
|-------------|----------------------------|
| Code1       | Order Registered           |
| Code2       | Order Created Successfully |
| Code3       | Dss Carrier Assigned       |
| Code4       | Awb no assigned            |

**PointsToConsider:**

- One Step Order Registration API gives leverage to our customers not only to successfully register their respective orders into smartship system , but also takes care of carrier allocation and tracking (awb) number assignment etc. without much a do.
- There is though a limit to One Step Order Registration API of **10 orders** at one go.
- To **bypass** that limit, customers can use our Order Registration API (**below**) and provide any number of orders to process.

- Our Order Registration API (**below**) runs on batch system, where order registration along with series of other tasks (starting from carrier allocation to Awb assignment) runs as background job to process one complete batch.

#### 4) Order Registration API (Background)

URL: <https://api.smartship.in/v2/app/Fulfillmentservice/orderRegistration>

**Header:**

Content-Type: application/json

Authorization: BearerXXXXXX

**Method:**

POST

**Request (Json):**

```
{
  "request_info":{
    "ip_address":"14.142.227.166",
    "run_type":"create",
    "browser_name":"Mozilla",
    "location":"Delhi",
    "shipment_type":1
  },
  "orders":[
    {
      "client_order_reference_id":"TEST_ORDER-619",
      "order_collectable_amount":"100",
      "total_order_value":"150",
      "payment_type":"cod",
      "package_order_weight":"7400",
      "package_order_length":"10",
      "package_order_height":"10",
      "package_order_width":"20",
      "shipper_hub_id":"28329",
      "shipper_gst_no":"",
      "order_invoice_date":"22-03-2021",
      "order_invoice_number":"invoice12",
      "order_meta":{
        "preferred_carriers":[
          1,
          3,
          279
        ]
      }
    }
  ],
}
```

```

"product_details":[
  {
    "client_product_reference_id":"P20",
    "product_name":"Crucial 1TB SSD",
    "product_category":"computer",
    "product_hsn_code":"8471",
    "product_quantity":"2",
    "product_invoice_value":"1000",
    "product_gst_tax_rate":"1.2",
    "product_taxable_value":"100",
    "product_sgst_amount":"5",
    "product_sgst_tax_rate":"5",
    "product_cgst_amount":"5",
    "product_cgst_tax_rate":"5"
  },
  {
    "client_product_reference_id":"P21",
    "product_name":"HP Envy 360p Laptop",
    "product_category":"computer",
    "product_hsn_code":"8471",
    "product_quantity":"3",
    "product_invoice_value":"1000",
    "product_gst_tax_rate":"1.2",
    "product_taxable_value":"100",
    "product_sgst_amount":"5",
    "product_sgst_tax_rate":"5",
    "product_cgst_amount":"5",
    "product_cgst_tax_rate":"5"
  },
  {
    "client_product_reference_id":"P22",
    "product_name":"Hynix 16GB LPDDR4 RAM",
    "product_category":"computer",
    "product_hsn_code":"8471",
    "product_quantity":"3",
    "product_invoice_value":"1000",
    "product_gst_tax_rate":"1.2",
    "product_taxable_value":"100",
    "product_sgst_amount":"5",
    "product_sgst_tax_rate":"5",
    "product_cgst_amount":"5",
    "product_cgst_tax_rate":"5"
  }
],
"consignee_details":{
  "consignee_name":"Sachin Dubey",
  "consignee_phone":"9555474254",

```

```
        "consignee_email":"rahuldubey2000@gmail.com",
        "consignee_complete_address":"Plot 1268 Ground Floor Toshika Niwas Sector
46 In front of Guru Nank Park",
        "consignee_pincode":"122001"
    }
}
]
```

**Response (Json):**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "summary":{
      "start_time":"21-10-2021 11:53:12",
      "end_time":"21-10-2021 11:53:12",
      "time_taken":0.37027788162231445
    },
    "total_records":1,
    "total_success_orders":1,
    "request_id":1280994,
    "total_eliminated_orders":0,
    "success_order_details":[
      {
        "index":0,
        "client_order_reference_id":"TEST_ORDER-619",
        "request_order_id":4171896,
        "cost_estimation":{
          "forward":{
            "freight_charges":318,
            "region":"Within City",
            "fuel_surcharge":0,
            "fuel_surcharge_percentage":"0.00",
            "insurance_type":"fov",
            "insurance_charges_percentage":"0.25",
            "maximum_insured_value":"5000.00",
            "insurance_charges":0.375,
            "cod_charges":"30.00",
            "shipping_cost":348.375,
            "shipping_cost_tax_amount":62.7075,
            "total_shipping_cost":411.0825
          },
          "rto":{
            "fuel_surcharge":12.5,
            "fuel_surcharge_percentage":"10.00",
            "freight_charges":125,
```

```

    "region":"Within City",
    "shipping_cost_tax_amount":24.75,
    "total_shipping_cost":162.25
  }
},
"sc_confirmation_no":4136420,
"message":"Successfully Punched"
}
],
"errors":null
},
"extra":null
}

```

**Request Field Details:**

| Field Name                         | Data Type             | Description   | Mandatory |
|------------------------------------|-----------------------|---|-----------|
| request_info                       | Json                  | json object containing request information  | Yes       |
| request_info-"ip_address"          | Varchar               | IP address from where request is being created  | No        |
| request_info-"run_type"            | Varchar               | Value can be either "validate" or "create" if run-type="create" then only orders will be punched otherwise get validated  | Yes       |
| request_info-"browser_name"        | Varchar               | Browser Name  | No        |
| request_info-"location"            | Varchar               | Location of request   | No        |
| request_info-"shipment_type"       | Numeric               | '1' for forward orders<br>'2' for return orders<br><b>Note*: For return orders, the hub_id becomes the delivery address and consignee details become the pickup address</b> | Yes       |
| Orders                             | Array (JSON objects ) | Array containing information about each order   | Yes       |
| orders-"client_order_reference_id" | Varchar               | Client's order reference identifier   | Yes       |

|   |                    |   |     |
|---|--------------------|---|-----|
| orders<br>-"order_collectable_amount"   | Numeric            | Amount to be collected from customer. Non-zero in case of COD order.      | Yes |
| orders-"total_order_value"              | Numeric            | Total order value   | Yes |
| orders- "payment_type"                  | Varchar            | Payment mode. Can only be "cod" or "prepaid"                              | Yes |
| orders<br>-"package_order_weight"       | Numeric            | Weight of order in grams  | Yes |
| orders<br>-"package_order_length"       | Numeric            | Length of package in centimeters  | Yes |
| orders<br>-"package_order_height"       | Numeric            | Height of package in centimeters  | Yes |
| orders<br>-"package_order_width"        | Numeric            | Width of package in centimeters   | Yes |
| orders-"shipper_hub_id"                 | Numeric            | Registered hub_id of client from whom order needs to be picked            | Yes |
| orders-"shipper_gst_no"                 | Varchar            | Gst no. Of shipper  | Yes |
| orders-"order_invoice_date"             | Varchar            | Date when order invoice is generated.<br><b>Date Format:</b> "dd-mm-yyyy" | No  |
| orders<br>-"order_invoice_number"       | Varchar            | Order invoice number  | No  |
| orders - "order_meta"                   | Json               | Json object containing meta information about each order                  | No  |
| Orders -<br>"preferred_carriers"        | Array (integers)   | Carrier id of the carrier to be applied on order                          | No  |
| orders<br>-"order_ewaybill_number"      | Varchar            | If total order value > 50K then order_ewaybill_number is mandatory        | No  |
| orders<br>-"order_ewaybill_expiry_date" | Varchar            | If total order value > 50K then order_ewaybill_expiry_date is mandatory   | No  |
| product_details                         | Array(JsonObjects) |   |     |

|  |             |   |  |
|--|-------------|---|--|
| product_details<br>-"client_product_reference_id"  | Varchar     | Client's product id for reference                         | No                                       |
| product_details<br>-"product_name"                 | Varchar     | Name of product   | Yes                                      |
| product_details<br>-"product_category"             | Varchar     | Category of product                                       | No                                       |
| product_details<br>-"product_hsn_code"             | Varchar     | Hsn code of product                                       | No<br>* mandatory in case of gst clients |
| product_details<br>-"product_quantity"             | Numeric     | Quantity of product                                       | Yes                                      |
| product_details<br>-"product_invoice_value"        | Numeric     | Invoice value of product                                  | No                                       |
| product_details<br>-"product_gst_tax_rate"         | Numeric     | Product GST tax rate                                      | No<br>* mandatory in case of gst clients |
| consignee_details                                  | Json Object | Consignee details   | Yes                                      |
| consignee_details<br>-"consignee_name"             | Varchar     | Name of customer  | Yes                                      |
| consignee_details<br>-"consignee_phone"            | Varchar     | Phone number of customer                                  | Yes                                      |
| consignee_details<br>-"consignee_email"            | Varchar     | Email id of customer                                      | Yes                                      |
| consignee_details<br>-"consignee_complete_address" | Varchar     | Address of customer                                       | Yes                                      |
| consignee_details<br>-"consignee_pincode"          | Numeric     | Pincode of customer(destination pincode)                  | Yes                                      |
| "product_taxable_value"                            | Numeric     | Selling price per quantity on which GST tax is applicable | Yes                                      |
| "product_sgst_amount"                              | Numeric     | If the sgst/ugst tax is                                   | <b>Yes</b>                               |

|                       |         |   |  |
|-----------------------|---------|---|--|
|                       |         | <p>applicable, then both fields sgst and cgst are required. Else, igst is mandatory.</p> <p><b>Note:* Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories</b></p>                              | <p>If the sgst/ugst tax is applicable, then both fields sgst and cgst are required.</p> <p>Else, igst is mandatory</p>                   |
| "product_cgst_amount" | Numeric | <p>If the sgst/ugst tax is applicable, then both fields sgst and cgst are required. Else, igst is mandatory.</p> <p><b>Note:* Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories</b></p>      | <p><b>Yes.</b> If the sgst/ugst tax is applicable, then both fields sgst and cgst are required.</p> <p>Else, igst is mandatory.</p>      |
| "product_igst_amount" | Numeric | <p>If the sgst/ugst tax is applicable, then both fields sgst /ugst and cgst are required. Else, igst is mandatory.</p> <p><b>Note:*Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories</b></p> | <p><b>Yes.</b> If the sgst/ugst tax is applicable, then both fields sgst/ugst and cgst are required.</p> <p>Else, igst is mandatory.</p> |
| "product_ugst_amount" | Numeric | <p>If the sgst/ugst tax is applicable, then both fields sgst /ugst and cgst are required. Else, igst is mandatory.</p> <p><b>Note:*Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories</b></p> | <p><b>Yes.</b> If the sgst/ugst tax is applicable, then both fields sgst/ugst and cgst are required.</p> <p>Else, igst is mandatory.</p> |
| "product_cgst_rate"   | Numeric | <p>If the sgst/ugst tax is applicable, then both fields sgst /ugst and cgst are required. Else, igst is mandatory.</p> <p><b>Note:*Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories</b></p> | <p><b>Yes.</b> If the sgst/ugst tax is applicable, then both fields sgst/ugst and cgst are required.</p> <p>Else, igst is mandatory.</p> |



|                     |         |   |  |
|---------------------|---------|---|--|
| "product_sgst_rate" | Numeric | If the sgst/ugst tax is applicable, then both fields sgst /ugst and cgs t are required. Else, lgst is mandatory.<br><b>Note:*Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories</b>       | <b>Yes.</b> If the sgst/ugst tax is appllcabl e,then both fields sgst/ugs t and cgst are required. Else,lgst is mandatory.           |
| "product_igst_rate" | Numeric | If the sgst/ugst tax is applicable, then both fields sgst /ugst and cgs t are required. Else, lgst is mandatory.<br><b>Note:*Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories</b>       | <b>Yes.</b> If the sgst/ugst tax is appllcabl e,then both fields sgst/ugs t and cgst are required. Else,lgst is mandatory.           |
| "product_ugst_rate" | Numeric | If the sgst/ugst tax is applicable, then both fields cgst/ugst and cgst rate are required. Else, lgst rate is mandatory.<br><b>Note:*Please pass blank in other gst fields.Do not pass '0'as 0 is tax applicable on some product categories</b> | <b>Yes.</b> If the sgst/ugst tax is applicable, then both fields sgst/ugst and cgst rate are required. Else, lgst rate is mandatory. |

#### Response Field Details:

| Field   | Description   |
|---------|---|
| status  | Shows response status. 1 for success,0 for failure  |
| code    | Status Code   |
| message | Shows overall response message. Success if request processed successfully else failure  |
| data    | "Contains information about parsed request. Such as how may orders are there in request",<br>"how many of them successfully punched & how many eliminated. Also details of successfully punched orders and eliminated orders" |

|   |   |
|---|---|
| "data-total_records"                                | Count of orders present in request  |
| "data-total_success_orders"                         | Count of orders successfully punched  |
| "data-total_eliminated_orders"                      | Count of orders eliminated  |
| success_order_details                               | Array containing details of successfully punched orders                             |
| "success_order_details-Index"                       | Index of orders array sent in request   |
| "success_order_details - client_order_reference_id" | order_id provided by client   |
| "success_order_details-request_order_id"            | Smartship request order_id  |
| "success_order_details-message"                     | Message regarding punched order.  |
| errors  | Array of errors for orders which got eliminated. Null if no errors found            |
| "errors - mandatory_fields_missing"                 | Array containing information of orders in which some mandatory fields are missing   |
| "errors-missing_field"                              | Name of the mandatory field which is missing  |
| "errors - mandatory_field_value_missing"            | Array containing information of orders in which value of mandatory field is missing |
| Field   | Name of field   |
| Value   | Empty string showing that value of a mandatory field is missing                     |
| data_discrepancy                                    | Array containing validation errors of eliminated orders                             |
| errors  | Array containing error information of a particular order                            |
| extra   | Array of extra information. Null if no extra info present                           |

## 5)Get Order Details API

URL:<https://api.smartship.in/v2/app/Fulfillmentservice/orderDetails>

### Header:

Content-Type: application/json

Authorization:BearerXXXXXX

### Method:

POST

### Request (Json):

```

{
  "filters":{
    "filter_type":{
      "and":{
        "status":{
          "status_code":"1,2,3,4,5,6,7,8",
          "check_type":"Y"
        },
        "request_order_id":"166,167,168,169",
        "client_order_reference_id":"SHP06,SHP07,SHP08,SHP09",
        "payment_type":"cod",
        "created_date":{
          "from":"2018-03-27",
          "to":"2018-03-28"
        },
        "updated_date":{
          "from":"2018-03-27",
          "to":"2018-03-28"
        }
      }
    }
  },
  "sort_by":{
    "fields":"request_order_id",
    "type":"desc"
  },
  "limit":{
    "offset":0,
    "limit":1
  }
}

```

**Request Field Details:**

| Name             | Type    | Description   | IsMandatory? |
|------------------|---------|---|--------------|
| status_code      | Varchar | Contains smartship status codes comma separated                       | No           |
| check_type       | Varchar | Contains character Y or N (Y for in status) and (N for not in status) | No           |
| request_order_id | Varchar | Contains comma separated request order ids                            | No           |

|                               |            |   |    |
|-------------------------------|------------|---|----|
| client_order_refere<br>nce_id | Varchar    | Contains<br>comma<br>separated client<br>order reference<br>id  | No |
| payment_type                  | Varchar    | Contains payment<br>type (cod or<br>prepaid)  | No |
| created_date                  | JsonObject | <b>from:</b> starting<br>date, <b>to:</b> ending<br>date <b>Date</b><br><b>Format:</b> “yyyy-mm-<br>dd” | No |
| updated_date                  | JsonObject | <b>from:</b> starting<br>date, <b>to:</b> ending<br>date <b>Date</b><br><b>Format:</b> “yyyy-mm-<br>dd” | No |
| sort_by                       | JsonObject | <b>fields:</b> name of<br>fields to sort<br>order details,<br><b>type:</b> asc or desc                  | No |
| limit                         | JsonObject | <b>offset:</b> value of<br>offset,<br><b>limit:</b> value of<br>total number of<br>records              | No |

#### Response(Json):

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "summary":{
      "start_time":"11-05-201813:15:13",
      "end_time":"11-05-201813:15:14",
      "time_taken":0.40403199195862,
      "total_records":56,
      "confirmed_orders":47,
      "pending_orders":5
    },
    "orders_details":{
      "121":{
        "order_details":{
          "request_order_id":"121",
          "request_id":"51",
```

```

"client_id":"client_id_of_3pl_shared_by_faas",
"client_order_reference_id":"OD00081",
"client_order_reference_type":"client",
"order_collectable_amount":"0",
"total_order_value":"499",
"payment_type":"prepaid",
"package_order_weight":"500",
"package_order_length":"40",
"package_order_width":"10",
"package_order_height":"20",
"status":"9",
"shipper_gst_no":"29ABCDE1234F2Z5",
"hash":"82297e9727b6bcfe026c12c77418f5bd",
""order_effective_weight"":""1600"",
"order_invoice_date":"0000-00-00 00:00:00",
"order_invoice_number":null,
"order_ewaybill_number":null,
"order_ewaybill_expiry_date":"0000-00-0000:00:00",
"added_on":"2018-03-2912:41:17",
"Updated_on":"2018-04-1713:49:56",
"status_description":"NonServiceable"
},
"hub_details":{
"shipper_hub_id":"1234",
"shipper_name":"faas_test_shiiper",
"shipper_email":"test@gmail.com",
"shipper_address":"teast_faas_adderss",
"shipper_phone":"9876543210",
"shipper_pincode":"122001",
""shipper_city"":""Patna"",
"shipper_state":"Bihar",
"shipper_state_code":"BH"
},
"consignee_details":{
"consignee_id":"124",
"consignee_name":"Anil01",
"consignee_address":"Sector40",
"consignee_pincode":"122001",
"consignee_email":"sc1@sc.com",
"consignee_phone":"9444877840",
""consignee_city"":""Gurgaon"",
"consignee_state":"Haryana",
"consignee_state_code":"HR",
"consignee_country_code":"IN"
},
"product_details":[
{

```

```

"order_product_id":null,
"request_order_id":"121",
"client_product_reference_id":"P00001",
"client_product_reference_type":"client",
"product_name":"Round Neck Dark Blue T-ShirtSize 01",
"product_category":"fashion",
"product_hsn_code":"50072010",
"product_price":"0",
"product_discount":null,
"product_quantity":"1",
"product_invoice_value":null,
"product_gst_tax_rate":null,
"added_on":"2018-03-2912:41:17",
"updated_on":"0000-00-0000:00:00",
"product_meta_id":null,
"key":null,
"value":null
},
{
"order_product_id":null,
"request_order_id":"121",
"client_product_reference_id":"P00002",
"client_product_reference_type":"client",
"product_name":"Round Neck Dark Blue T-ShirtSize 02",
"product_category":"fashion",
"product_hsn_code":"50072011",
"product_price":"0",
"product_discount":null,
"product_quantity":"2",
"product_invoice_value":null,
"product_gst_tax_rate":null,
"added_on":"2018-03-2912:41:17",
"updated_on":"2018-05-1112:54:20",
"product_meta_id":null,
"key":null,
"value":null
}
],
"order_meta_details":{
"dss_carrier_id":{
"order_meta_id":"338711",
"dss_carrier_id":"2"
},
"carrier_name":{
"order_meta_id":"338712",
"carrier_name":"Xpressbees"
}
},

```

```

    "awb_no":{
      "order_meta_id":"338715",
      "awb_no":"1386418000163"
    }
  }
}
},
"extra":null
}

```

#### Response Field Details:

| Field Name                  | Description   |
|-----------------------------|---|
| start_time                  | Starting time of the api  |
| end_time                    | Ending time of the api  |
| time_taken                  | Time taken by api in seconds  |
| total_records               | Count of records without limit used(satisfied by all conditions)                |
| confirmed_orders            | Count of orders that are confirmed  |
| pending_orders              | Count of orders that are in pending status                                      |
| order_details               | Json object (request_order_ids & order_details in key -value pair respectively) |
| request_order_id            | request_order_id of order   |
| request_id                  | request_id of order   |
| client_order_reference_id   | Client order reference id of order  |
| client_order_reference_type | Client order reference type of order  |
| order_collectable_amount    | Total amount to be collected  |
| total_order_value           | Total amount of order   |
| payment_type                | Cod or prepaid  |
| package_order_weight        | Package weight  |
| package_order_length        | Package length  |
| package_order_width         | Package width   |
| package_order_height        | Package height  |
| status                      | Smartship status of order   |

|                            |  |
|----------------------------|--|
| shipper_gst_no             | shipper's gst number                           |
| Hash                       | Unused   |
| order_effective_weight     | Effective weight of order                      |
| order_invoice_date         | Invoice date of order                          |
| order_invoice_number       | Invoice number of order                        |
| order_ewaybill_number      | Ewaybill number of order                       |
| order_ewaybill_expiry_date | Expiry date of ewaybill number                 |
| added_on                   | Order created on date                          |
| updated_on                 | Updated date                                   |
| status_description         | Description of SmartShip order status of order |
| shipper_hub_id             | shipper's hub id                               |
| shipper_name               | shipper's name                                 |
| shipper_email              | shipper's email id                             |
| shipper_address            | shipper's address                              |
| shipper_phone              | shipper's contact number                       |
| shipper_pincode            | shipper's pincode                              |
| shipper_city               | shipper's city name                            |
| shipper_state              | shipper's state name                           |
| shipper_state_code         | shipper's state code                           |
| consignee_id               | consignee's id                                 |
| consignee_name             | consignee's name                               |
| consignee_address          | consignee's address                            |
| consignee_pincode          | consignee's pincode                            |
| consignee_email            | consignee's email id                           |
| consignee_phone            | consignee's contact number                     |
| consignee_city             | consignee's city name                          |
| consignee_state            | consignee's state name                         |
| consignee_state_code       | consignee's state code                         |
| consignee_country_code     | consignee's country code                       |
| order_product_id           | Product's ID within order                      |



|                       |                                 |
|-----------------------|---------------------------------|
| product_name          | Name of product within order    |
| product_category      | Product's category within order |
| product_hsn_code      | Product's hsn code              |
| product_price         | Price of product                |
| product_discount      | Discount of product (if any)    |
| product_quantity      | Quantity of product             |
| product_invoice_value | Invoice value of product        |
| product_gst_tax_rate  | Gst tax rate of product         |
| order_meta_details    | Meta details of order           |
| carrier_name          | Carrier Name                    |
| awb_no                | Tracking number of order        |
| dss_carrier_id        | Carrier Id                      |

**PointsToConsider:**

- Use orderDetails API (*above*) to track the **exact / true status** of any order. You can pass total order count in **<limit>** field to fetch the details.

## 6) Create Manifest API

**URL:**

1.

<https://api.smartship.in/v2/app/Fulfillmentservice/createManifest>

OR

2.

<https://api.smartship.in/v1/Faascreatemanifest/create>

**Header:**

Content-Type: application/json

Authorization: BearerXXXXXX

**Method:**

POST

**Request (Json):**

1.

```
{
  "client_order_reference_ids":[
    "TEST_23_937"
  ],
  "preferred_pickup_date":"","
```

```
"shipment_type":1
}
```

OR

2.

```
{
  "client_order_reference_ids":[
    "TEST_23_899"
  ],
  "creation_mode":1
}
```

- Use first request for first url and vice-versa.

**Request Field Details:**

| Field Name                 | Type  | Description                          | Is Mandatory? |
|----------------------------|-------|--------------------------------------|---------------|
| client_order_reference_ids | Array | Client order reference ids of orders | No            |

**Response (Json):**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "errors":null,
    "valid_orders_for_manifest_creation":[
      "TEST_23_937"
    ],
    "manifest_details":{
      "hub_id":{
        "28329":{
          "carrier_ids":{
            "3":{
              "order_id":[
                "TEST_23_937"
              ],
              "manifest_id":951368,
              "carrier_name":"Delhivery-SS"
            }
          }
        }
      }
    },
    "summary":{
      "request_id":1260182,
```

```

    "total_orders_count":1,
    "total_success_orders_count":1,
    "failed_order_count":0,
    "manifest_ids":[
      951368
    ],
    "manifest_pdf":{
      "manifest_url":"https://smartship.in/images/excel_upload/manifest_pdf/manifest-details-20a9fd0aa4e23733acdbfac3345fe1dc-21-10-2021.pdf",
      "file_size":8169
    },
    "start_time":"21-10-2021 10:26:45",
    "end_time":"21-10-2021 10:26:45",
    "time_taken":0.249284029006958
  }
},
"extra":null
}

```

#### Response Field Details:

| Field Name                             | Type       | Description                                       |
|--|------------|---|
| summary                                | JsonObject | Summary of response                               |
| "summary-total_orders_count"           | Varchar    | Count of total orders processed                   |
| "summary - total_success_orders_count" | Varchar    | Count of total successfully manifested orders     |
| "summary-manifest_ids"                 | Array      | Generated manifest ids                            |
| "summary-manifest_pdf"                 | JsonObject | Manifest PDF details                              |
| "summary-manifest_url"                 | JsonObject | URL of manifest PDF                               |
| "summary-start_time"                   | Varchar    | Start time of api                                 |
| "summary-end_time"                     | Varchar    | End time of api                                   |
| errors                                 | JsonObject | Errors with descriptions while creating manifests |
| manifest_details                       | JsonObject | Manifest Details                                  |
| "manifest_details-hub_ids"             | JsonObject | Details of manifests hub wise                     |
| "manifest_details-carrier_ids"         | JsonObject | Details of manifests carrier ID wise              |

|                                   |         |                    |
|-----------------------------------|---------|--------------------|
| "manifest_details-order_id"       | Array   | Manifest Order Ids |
| "manifest_details-manifest_id"    | Numeric | Manifest Id        |
| "manifest_details - carrier_name" | Varchar | Name of carrier    |

## 7) Create Smartship Merchant API

### URL:

<https://api.smartship.in/v2/app/Fulfillmentservice/createSmartshipMerchant>

### Header:

Content-Type: application/json

Authorization: BearerXXXXXX

### Method:

POST

### Request (Json):

```
{
  "request_info":{
    "source":"smartship"
  },
  "merchant_details":{
    "email":"nathandrake502@gmail.com",
    "password":"word123",
    "phone":"8734976723",
    "source_merchant_id":"123456",
    "is_non_gst":1,
    "gst_no":"",
    "registered_address":"301, 1st Building, Guru Kripa Bhawan, Manas Hospital, Sector 53, Gautam Buddha Nagar, Uttar Pradesh",
    "pincode":"201301",
    "pan_info":{
      "pan_number":"123456789",
      "name_on_pan":"Arun Jai Singh",
      "pan_doc":"https://qxpress.in/pan_doc"
    },
    "bank_info":{
      "account_holder_name":"Sachin",
      "bank_name":"ICICI",
      "account_number":"114563",
      "account_type":"current",
      "ifsc_code":"sbin4352045",

```

```

    "branch_address":"kdsjlkasjdfll",
    "pincode":"122001",
    "cancelled_cheque":"skldjflksjalf"
  }
}
}

```

**Request Field Details:**

| Field Name                            | Type       | Description   | Is Mandatory? |
|---------------------------------------|------------|---|---------------|
| "request_info"                        | JsonObject | Json object containing request information  | Yes           |
| "request_info-source"                 | Varchar    | Source of onboarding i.e. qxpress or smartship  | Yes           |
| "merchant_details"                    | JsonObject | Json object containing merchant information   | Yes           |
| "merchant_details-email"              | Varchar    | Email id of merchant  | Yes           |
| "merchant_details-password"           | Varchar    | Password for the new account  | Yes           |
| "merchant_details-phone"              | Numeric    | Phone number of merchant  | Yes           |
| "merchant_details-source merchant id" | Numeric    | Source merchant id for creating a new merchant  | Yes           |
| "merchant_details-is_non_gst"         | Numeric    | Whether merchant is a GST merchant or Non-GST merchant<br>"0" for GST and "1" for Non-GST | Yes           |
| "merchant_details-                    | Varchar    | GST number  | No            |

|   |            |   |     |
|---|------------|---|-----|
| gst_no”                                   |            | of merchant<br>*mandatory<br>for GST<br>merchants               |     |
| “merchant_details-<br>registered_address” | Varchar    | Address of<br>registration<br>of merchant                       | Yes |
| “merchant_details-<br>pincode”            | Numeric    | Pincode for<br>registered<br>address                            | Yes |
| “merchant_details-<br>pan_info”           | JsonObject | Json object<br>containing<br>pan<br>information<br>of merchant  | No  |
| “pan_info-pan_number”                     | Varchar    | Pan number<br>of merchant                                       | No  |
| “pan_info-name_on_pan”                    | Varchar    | Name on pan<br>of merchant                                      | No  |
| “pan_info-pan_doc”                        | Varchar    | Path of pan<br>document to<br>upload                            | No  |
| “merchant_details-<br>bank_info”          | JsonObject | Json object<br>containing<br>bank<br>information<br>of merchant | No  |
| “bank_info-<br>account_holder_name”       | Varchar    | Name of bank<br>account<br>holder                               | No  |
| “bank_info-bank_name”                     | Varchar    | Name of the<br>bank   | No  |
| “bank_info-<br>account_number”            | Varchar    | Account<br>number of<br>bank account<br>holder                  | No  |
| “bank_info-account_type”                  | Varchar    | Type of bank<br>account i.e.<br>current or<br>savings           | No  |

|                              |         |  |    |
|------------------------------|---------|--|----|
| "bank_info-ifsc_code"        | Varchar | IFSC code bank's branch                | No |
| "bank_info-branch address"   | Varchar | Address of the bank's branch           | No |
| "bank_info-pincode"          | Varchar | Pincode of the branch address          | No |
| "bank_info-cancelled_cheque" | Varchar | Path of the cancelled cheque to upload | No |

### Response (Json):

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "status":1,
    "access_credentials":{
      "username":"nathandrake502@gmail.com",
      "password":"8fc8a1e37f542b7b9e1e2fde4f8fd196",
      "client_id":"VG3LLGWMYQRUO9LU9VCVEOJC9K1PO1B88",
      "client_secret":"OOD)5!TFQ#E5RDLU6R#)U@LIJ4(M2&G&IK$$_K)OAB)RFI@"
    },
    "info":"Merchant created successfully",
    "error":""
  },
  "extra":null
}
```

### Response Field Details:

| Field Name           | Type       | Description                                  |
|----------------------|------------|--|
| data                 | JsonObject | Data of response                             |
| "access_credentials" | JsonObject | Access credentials pertaining to the account |
| "username"           | Varchar    | Username of the new account                  |
| "password"           | Varchar    | Encoded password for the                     |

|                 |         |                               |
|-----------------|---------|-------------------------------|
|                 |         | new account                   |
| "client_id"     | Varchar | Client ID for new account     |
| "client_secret" | Varchar | Client secret for new account |

## SMARTSHIP UTILITY APIs

### 1) Get Hub Details API

**URL:** <https://api.smartship.in/v2/app/Fulfillmentservice/getHubDetail>

**Header:**

Content-Type: application/json

Authorization: BearerXXXXXX

**Method:**

POST

**Successful Cases:**

**a) Request(Json):**

```
{
  "hub_ids":
    [1221,
    1234
  ]
}
```

**Response(Json):**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "valid_hubs":{
      "1355":{
        "hub_name":"Delhi Warehouse",
        "hub_phone":"9999613323",
        "pincode":"122001",
        "city":"Gurgaon",
        "state":"Haryana",
        "address1":"G-167,Sector40",
        "address2":"FirstFloor,NearPoliceStation"
      }
    }
  }
}
```



```
    }
  },
  "invalid_hub_ids":[

]
},
"extra":null
}
```

**b) Request (Json):**

```
{
  "hub_ids":""
}
```

**Response (Json):**

```
{
  "status":1,
  "code": 200,
  "message": "success",
  "data":{
    "valid_hubs"
    : {"1234":{
      "hub_name": "Delhi
      Warehouse",
      "hub_phone":"9999613323",
      "pincode":"122001",
      "city":"Patna",
      "state":"Bihar",
      "address1":"teast_faas_adderss",
      "address2":null
    },"1235":{
      "hub_name": "ABC
      Warehouse",
      "hub_phone":"9999713323",
      "pincode":"122001",
      "city":"Gurgaon",
      "state":"Haryana",
      "address1": "Plot-80,sector-44",
      "address2":"Plot-112,sector-44"
    }
  },
  "invalid_hub_ids":[]
},
"extra":null
}
```

**Failed Case:**

**Request (Json):**

```
{
  "hub_ids":
    [1923,
     1253
    ]
}
```

**Response (Json):**

```
{
  "status":0,
  "code": 200,
  "message": "OK",
  "data":{
    "message":
      {"valid_hubs
       ":[],
       "invalid_hub_ids": [1923,
        1253],
       "info":"hub_details not found"
      }
    },
  "extra":null
}
```

**2)Update Hub Details API**

**URL:**<https://api.smartship.in/v2/app/Fulfillmentservice/updateHubDetails>

**Header:**

Content-Type: application/json  
Authorization:BearerXXXXXX

**Method:**

POST

**Successful Case:****Request (Json):**

```
{
  "hub_id":"1234",
  "hub_name":"Delhi Warehouse",
  "hub_phone":"9999613323",
  "pincode":"122001",
  "city":"Gurgaon",
  "state":"Haryana",
  "address1":"ad1",
}
```

```
"address2":"ad2"
}
```

#### **Response (Json):**

```
{
  "status":1,
  "code": 200,
  "message": "success",
  "data":{
    "info":"hub data updated successfully"
  },
  "extra":null
}
```

#### **Failed Cases:**

##### **1) Request (Json):**

```
{
  "hub_id":"1354",
  "hub_name": "Delhi
Warehouse",
  "hub_phone":"9999613323",
  "pincode":"226004",
  "city": "Lucknow",
  "state": "Uttar
Pradesh",
  "address1":"ad1",
  "address2":"ad2"
}
```

##### **Response (Json):**

```
{
  "status":0,
  "code": 200,
  "message": "OK",
  "data":{
    "message":{
      "info":"invalid hub_id"
    }
  },
  "extra":null
}
```

##### **2) Request (Json):**

```
{
  "hub_id":"1236",
```

```
"hub_name": "Delhi
Warehouse",
"hub_phone":"9999613323",
"pincode":"226004",
"city":"Lucknow",
"state":"",
"address1":"ad1",
"address2":"ad2"
}
```

**Response (Json):**

```
{
  "status":200,
  "code":41000,
  "message":"invalid_inputs",
  "data":null,
  "extra":null
}
```

**3) Request (Json):**

```
{
  "hub_id":"1235",
  "hub_name": "Delhi
Warehouse",
  "hub_phone":"9999613323",
  "pincode":"22600",
  "city": "Lucknow",
  "state": "uttar pradesh",
  "address1":"ad1",
  "address2":"ad2"
}
```

**Response (Json):**

```
{
  "status":0,
  "code":200,
  "message":"OK",
  "data":{
    "message":{
      "info":"Hub data invalid",
      "validation_error":[
        "invalid pincode"
      ]
    }
  },
  "extra":null
}
```

### 3) Delete Hub API

**URL:** <https://api.smartship.in/v2/app/Fulfillmentservice/deleteHub>

**Header:**

Content-Type: application/json

Authorization: BearerXXXXXX

**Method:**

POST

**Successful Case:**

**Request (Json):**

```
{
  "hub_ids":
    [1237
  ]
}
```

**Response (Json):**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "info":"hub deleted successfully"
  },
  "extra":null
}
```

**Failed Case:**

**Request (Json):**

```
{
  "hub_ids":
    [1236,
    1221
  ]
}
```

**Response (Json):**

```
{
  "status":0,
  "code":200,
  "message":"OK",
  "data":{
```

```

    "message":{
      "invalid_hubs":[
        1221
      ],
      "info":"invalid hub passed"
    }
  },
  "extra":null
}

```

#### 4) Order Shipping Label API

**URL:** <https://api.smartship.in/v2/app/Fulfillmentservice/getShippingLabels>

**Header:**

Content-Type: application/json

Authorization:BearerXXXXXX

**Method:**

POST

**Request (Json):**

```

{
  "request_order_id":"184,183",
  "client_order_ref_id":"od02"
}

```

**Request Field Details:**

| Field Name          | Data Type | Description                                 | Is Mandatory? |
|---------------------|-----------|---|---------------|
| request_order_id    | Varchar   | Comma Separated SmartShip Order id          | No            |
| client_order_ref_id | Varchar   | Comma Separated Client's Reference Order Id | No            |

**Note:One of the above field is mandatory**

**Response (Json):**

```

{
  "status":1,
  "code":200,
  "message":"success",
}

```

```
"data":{
  "error":{
    "invalid_request_order_ids":[

    ]
  },
  "url":"http://admin.smartship.in/images/excel_upload/shipping_label/16-04-2018/shipping-label-f0d9bb91b344618ab9fcf740c0e62526.pdf"
},
"extra":null
}
```

## 5) Generate Manifest PDF API

**URL:**<https://api.smartship.in/v1/Faascreatemanifestpdf>

**Header:**

Content-Type: application/json

Authorization:BearerXXXXXX

**Method:**

POST

**Request (Json):**

```
{
  "manifest_ids":[
    111694
  ]
}
```

**Response (Json):**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "manifest_pdf_url":{
      "111694":"http://admin.smartship.in/images/excel_upload/manifest_pdf/18-01-2019/Courier-Manifest-2019-01-18-111694.pdf"
    },
    "error":{
      "invalid_manifest_ids":[

      ]
    },
    "summary":{
      "total_manifests_count":1,

```

```
    "total_valid_manifests_count":1,  
    "failed_manifests_count":0,  
    "start_time":"18-01-201917:14:54",  
    "end_time":"18-01-201917:14:55",  
    "time_taken":0.5546350479126  
  }  
},  
"extra":null  
}
```

## 6) Cancel Order API

URL:<https://api.smartship.in/v2/app/Fulfillmentservice/orderCancellation>

OR

<https://api.smartship.in/v2/app/Fulfillmentservice/orderCancel>

### Header:

Content-Type: application/json

Authorization:BearerXXXXXX

### Method:

POST

### Request (Json):

```
{  
  "request_info":{  
    "ip_address":"14.142.227.166",  
    "'browser_name'":"'Mozilla'",  
    "location":"Delhi"  
  },  
  "orders":{  
    "client_order_reference_ids":[  
      "OD00200",  
      "OD00201"  
    ],  
    "request_order_ids":[  
  
    ]  
  }  
}
```

### Request Field Details:



| Field Name                 | Data Type | Description                                  | Is Mandatory?  |
|----------------------------|-----------|--|--|
| ip_address                 | Varchar   | IP address                                   | No   |
| browser_name               | Varchar   | Name of browser                              | No   |
| Location                   | Varchar   | Location Name                                | No   |
| client_order_reference_ids | Varchar   | Comma separated client order reference ids   | Provide either client_order_reference_ids or request_order_ids |
| Request_order_ids          | Varchar   | Comma separated Smart Ship request order ids |  |

#### Response (Json):

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "order_cancellation_details":{
      "failure":{
        "OD00200":{
          "message":"Change Order Status Priviledge Denied"
        }
      },
      "successful":[
        "OD00201"
      ]
    }
  },
  "extra":null
}
```

#### Response Field Details:

| Field Name   | Description                                      |
|--|--|
| Failure message ( <b>Change Order Status Priviledge Denied</b> ) | Cancellation is not allowed in this order status |
| successful   | Successfully Cancelled orders                    |
| extra  | Any extra information                            |

## 7) Hub Serviceability API

**URL:** <https://api.smartship.in/v2/app/Fulfillmentservice/ServiceabilityHubWise>

**Header:**

Content-Type: application/json

Authorization: BearerXXXXXX

**Method:**

POST

**Request (Json):**

1. **For forward order use field "destination\_pincode"**

```
{
  "order_info":{
    "hub_ids":[
      1353
    ],
    "destination_pincode":122001,
    "order_weight":500,
    "preferred_carriers":[
      302
    ]
  },
  "request_info":{
    "extra_info":true,
    "cost_info":true
  }
}
```

2. **For return order use field "source\_pincode"**

```
{
  "order_info":{
    "hub_ids":[
      1353
    ]
  }
}
```

```

    ],
    "source_pincode":122001,
    "order_weight":500,
    "preferred_carriers":[
        302
    ]
},
"request_info":{
    "extra_info":false,
    "cost_info":true
}
}

```

**OR**

**Request (json):**

```

{
  "order_info":{
    "source_pincode":122001,
    "destination_pincode":122050,
    "order_weight":0,
    "order_value":0,
    "preferred_carriers":[
      1,3,279
    ],
    "delivery_type":1
  },
  "request_info":{
    "extra_info":false,
    "cost_info":false
  }
}

```

**Request Field Details:**

| Field Name          | Data Type | Description                         | Is Mandatory?  |
|---------------------|-----------|-------------------------------------|--|
| hub_ids             | Numeric   | Comma separated hub ids             | Yes  |
| source_pincode      | Numeric   | Pincode to check for serviceability | Yes (In case checking serviceability for return order) |
| destination_pincode | Numeric   | Pincode to check for serviceability | Yes (In case checking serviceability)                  |

|            |         |  |                    |
|------------|---------|--|--------------------|
|            |         |  | for forward order) |
| extra_info | Boolean | If detailed info for carriers required send true | No                 |
| cost_info  | Boolean | If detailed info for cost required send true     | No                 |

**Response (Json):**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "serviceability_status":true,
    "hub_serviceability":{
      "1353":{
        "pickup_cod_serviceability_status":true,
        "pickup_prepaid_serviceability_status":true,
        "pickup_serviceability_status":true,
        "delivery_cod_serviceability_status":true,
        "delivery_prepaid_serviceability_status":true,
        "delivery_serviceability_status":true,
        "cod_serviceability_status":true,
        "prepaid_serviceability_status":true,
        "serviceability_status":true,
        "cost_info":{
          "cost":"21.00",
          "tat":"3.00",
          "rto_cost":"21.00",
          "region_name":"WithinCity"
        },
        "hub_id":1353
      }
    },
    "time_taken":0.083376169204712,
    "request_id":"1pUfqG"
  },
  "extra":null
}
```

**Response Field Details:**

| Field Name  | Description  |
|---|--|
| hub_serviceability  | Hub wise service serviceability status   |
| cost_info   | Cost estimation (Returned when cost_info flag set as true)                       |
| pickup_service_carriers<br>delivery_service_carriers<br>disable_carriers_on_hub | Extra information regarding carriers (Returned when extra_info flag set as true) |

## 8) Hub Serviceable Pin Codes API

**URL:** <https://api.smartship.in/v2/app/Fulfillmentservice/HubServiceablePincodes>

**Header:**

Content-Type: application/json

Authorization: BearerXXXXXX

**Method:**

POST

**Request (Json):**

```
{
  "request_info":
    {"format": "csv"}
},
"hub_info": {
  "start": 10,
  "limit": 3,
  "hub_id": 1353
}
}
```

**Request Field Details:**

| Field Name | Data Type | Description  | Is Mandatory? |
|------------|-----------|--|---------------|
| format     | Varchar   | “csv” - to get csv download link<br>null - to fetch result asJSON body | No            |

|        |         |  |     |
|--------|---------|--|-----|
| hub_id | Numeric | Hub id for which list of serviceable pincodes required | Yes |
| start  | Numeric | Defines starting point for the records to be fetched   | No  |
| limit  | Numeric | Defines no of records to be fetched                    | No  |

**Response (Json):**

**1. When format is "csv"**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "serviceable_pincodes":{
      "hub_serviceable_pincodes":{
        "data_url":"http://smartship.in/images/excel_upload/mis_data/Hub-1353-12-06-2020.csv",
        "file_size":146
      }
    },
    "start":10,
    "limit":3,
    "time_taken":4.2403399944305
  },
  "extra":null
}
```

**2. When format not set/null**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "serviceable_pincodes":[
      {
```

```
        "destination_pincode": "110011",
        "cod_carriers": "1",
        "prepaid_carriers": "1",
        "region_id": "1",
        "region_name": "WithinCity"
    },
    {
        "destination_pincode": "110012",
        "cod_carriers": "1",
        "prepaid_carriers": "1",
        "region_id": "1",
        "region_name": "WithinCity"
    },
    {
        "destination_pincode": "110013",
        "cod_carriers": "1",
        "prepaid_carriers": "1",
        "region_id": "1",
        "region_name": "WithinCity"
    }
],
"start": 10,
"limit": 3,
"time_taken": 4.2417559623718
},
"extra": null
}
```

## 9) Combined Manifest PDF for Already Manifested Orders

URL: <https://api.smartship.in/v2/app/Fulfillmentservice/getOrdersManifestPdf>

### Header:

Content-Type: application/json

Authorization: BearerXXXXXX

### Method:

POST

### Request (Json):

```
{
  "client_order_reference_ids":
    ["OD00200"]
}
```

OR

```
{
  "manifest_ids":[
    1323910
  ]
}
```

### Request Field Details:

| Field Name                 | Data Type | Description   | Is Mandatory? |
|----------------------------|-----------|---|---------------|
| client_order_reference_ids | Varchar   | Comma separated client order reference ids<br><br><b>*Orders should already be in manifested status</b> | Yes           |
| manifest_ids               | Numeric   | Comma separated manifest ids<br><br><b>*Orders should already be in manifested status</b>               | Yes           |



### Successful Response (JSON):

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "summary":[

    ],
    "manifest_details":{

"manifest_url":"https://smartship.in/images/excel\_upload/manifest\_pdf/manifest-details-08f5c17e1bd1d71b16cdbdcec45f8908-12-06-2020.pdf",
      "file_size":8029
    }
  },
  "extra":null
}
```

### Failure Response(JSON)

```
{
  "status":1,
  "code":200, "message":"success", "data":{
    "manifest_details":false,
    "error":"No valid order found"
  },
  "extra":null
}
```

### Response Field Details:

| Field Name   | Description                                      |
|--|--|
| Failure message ( <b>Change Order Status Priviledge Denied</b> ) | Cancellation is not allowed in this order status |
| successful   | Successfully Cancelled orders                    |
| extra  | Any extra information                            |

## 10) Update Smartship Merchant API

URL:<https://api.smartship.in/v2/app/Fulfillmentservice/getOrdersManifestPdf>

### Header:

Content-Type: application/json

Authorization:BearerXXXXXX

### Method:

POST

### Request (Json):

```
{
  "request_info":{
    "source":"smartship"
  },
  "merchant_details":{
    "gst_no":"",
    "pan_info":{
      "pan_number":"133456789",
      "name_on_pan":"Arun Jai Singh",
      "pan_doc":"https://qxpress.in/pan_doc"
    },
    "bank_info":{
      "account_holder_name":"Sachin",
      "bank_name":"SBI Bank",
      "account_number":"114563345",
      "account_type":"current",
      "ifsc_code":"sbin4352045",
      "branch_address":"IMT Manesar, Gurugram",
      "pincode":"122051",
      "cancelled_cheque":"http://qxpress.in/cancelled_cheque"
    },
    "fetch_merchant_details_flag":1
  }
}
```

### Request Field Details:

| Field Name     | Type       | Description                                | Is Mandatory? |
|----------------|------------|--|---------------|
| "request_info" | JsonObject | Json object containing request information | Yes           |

|                                 |            |   |     |
|---------------------------------|------------|---|-----|
| "request_info-source"           | Varchar    | Source of onboarding i.e. qxpress or smartship      | Yes |
| "merchant_details"              | JsonObject | Json object containing merchant information         | Yes |
| "merchant_details-gst_no"       | Varchar    | GST number of merchant *mandatory for GST merchants | No  |
| "merchant_details-pan_info"     | JsonObject | Json object containing pan information of merchant  | No  |
| "pan_info-pan_number"           | Varchar    | Pan number of merchant                              | No  |
| "pan_info-name_on_pan"          | Varchar    | Name on pan of merchant                             | No  |
| "pan_info-pan_doc"              | Varchar    | Path of pan document to upload                      | No  |
| "merchant_details-bank_info"    | JsonObject | Json object containing bank information of merchant | No  |
| "bank_info-account_holder_name" | Varchar    | Name of bank account holder                         | No  |
| "bank_info-bank_name"           | Varchar    | Name of the bank                                    | No  |
| "bank_info-account_number"      | Varchar    | Account number of bank account holder               | No  |
| "bank_info-account_type"        | Varchar    | Type of bank account i.e. current or                | No  |

|  |         |   |    |
|--|---------|---|----|
|  |         | savings   |    |
| "bank_info-ifsc_code"                          | Varchar | IFSC code bank's branch                           | No |
| "bank_info-branch address"                     | Varchar | Address of the bank's branch                      | No |
| "bank_info-pincode"                            | Varchar | Pincode of the branch address                     | No |
| "bank_info-cancelled_cheque"                   | Varchar | Path of the cancelled cheque to upload            | No |
| "merchant_details-fetch_merchant_details_flag" | Numeric | "1" to display current merchant info and settings | No |

**Response (Json):**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "status":1,
    "message":"Details Successfully Updated",
    "error":[

  ],
  "extra_info":{
    "bank_info":{
      "account_name":"Sachin",
      "bank_name":"SBI Bank",
      "branch_address":"IMT Manesar, Gurugram",
      "city":"Gurgaon",
      "state":"Haryana",
      "zipcode":"122051",
      "account_number":"114563345",
      "account_type":"current",
      "ifsc_code":"sbin4352045",
      "PAN":"133456789",
      "name_on_pan":"Arun Jai Singh",
      "pan_doc":"https://qxpress.in/pan_doc",
      "cancelled_cheque":"http://qxpress.in/cancelled_cheque"
```

```

    },
    "custom_settings":{
      "enable_wallet_credit_check":{
        "key":"enable_wallet_credit_check",
        "value":"1"
      },
      "enable_order_cancellation":{
        "key":"enable_order_cancellation",
        "value":"0"
      },
      "show_hub_name_on_shipping_label":{
        "key":"show_hub_name_on_shipping_label",
        "value":"1"
      },
      "hide_return_address_on_shipping_label":{
        "key":"hide_return_address_on_shipping_label",
        "value":"1"
      },
      "push_order_info_end_point":{
        "key":"push_order_info_end_point",
        "value":{"shared_access_token":"abcd","push_data_end_point":"https://webhook.site/v855201c6-2e13-4679-b204-44d3a7a8ab57","active":1}
      },
      "auto_manifest":{
        "key":"auto_manifest",
        "value":"1"
      },
      "hub_name_on_sms":{
        "key":"hub_name_on_sms",
        "value":"1"
      }
    }
  },
  "extra":null
}

```

## 11) Carrier Serviceable Pincodes API

**URL:** <http://api.smartship.in/v2/app/Fulfillmentservice/CarrierServiceablePincodes>

**Header:**

Content-Type: application/json

Authorization: BearerXXXXXX

**Method:**  
POST

**Request (Json):**

```
{
  "carrier_info":{
    "payment_type":"",
    "carrier_id":[
      "279"
    ]
  }
}
```

**Response (Json):**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "279":{
      "valid_pincode":{
        "count":3844,
        "data_url":"http://fqadmin.smartship.in/images/excel_upload/mis_data/Carrier-279-23-03-2022.csv",
        "file_size":76916
      },
      "invalid_pincode":{
        "count":0,
        "data_url":null,
        "file_size":null
      }
    }
  },
  "extra":null
}
```

**Request Field Details:**

| Field Name     | Type       | Description                                | Is Mandatory? |
|----------------|------------|--|---------------|
| "carrier_info" | JsonObject | Json object containing request information | Yes           |

|                             |         |  |     |
|-----------------------------|---------|--|-----|
| "carrier_info-payment_type" | Varchar | Payment type<br>i.e COD,<br>prepaid                                      | No  |
| "carrier_info-carrier_id"   | Varchar | Carrier id of<br>desired<br>carrier or<br>pass "all" for<br>all carriers | Yes |

## SMARTSHIP TRACKING APIS

### 1) Track Smartship Order API

**URL:**

[https://api.smartship.in/v1/Trackorder?request\\_order\\_ids=130](https://api.smartship.in/v1/Trackorder?request_order_ids=130)

OR

[https://api.smartship.in/v1/Trackorder?order\\_reference\\_ids=OD00204](https://api.smartship.in/v1/Trackorder?order_reference_ids=OD00204)

OR

[https://api.smartship.in/v1/Trackorder?tracking\\_numbers=3159417320681](https://api.smartship.in/v1/Trackorder?tracking_numbers=3159417320681)

**Header:**

Content-Type: application/json

Authorization: BearerXXXXXX

**Method:**

GET

**Response (Json):**

```
{
  "status":1,
  "code":200,
  "message":"success",
  "data":{
    "scans":{
      "130":[
        {
          "request_order_id":"130",
          "order_reference_id":"OD00204",
          "tracking_number":"EQ235340552IN",
          "carrier_name":"Aramex",
          "date_time":"03-04-201812:08:41",
          "location":"Panipat_PC (Haryana)",
```

```

    "action":"Shipped to RTO",
    "status_code": "",
    "status_description": ""
  },
  {
    "request_order_id": "130",
    "order_reference_id": "OD00204",
    "tracking_number": "EQ235340552IN",
    "carrier_name": "Aramex",
    "date_time": "03-04-201812:08:40",
    "location": "Panipat_PC (Haryana)",
    "action": "Shipped to RTO",
    "status_code": "",
    "status_description": ""
  },
  {
    "request_order_id": "130",
    "order_reference_id": "OD00204",
    "tracking_number": "EQ235340552IN",
    "carrier_name": "Aramex",
    "date_time": "03-04-201812:08:40",
    "location": "Panipat_PC (Haryana)",
    "action": "RTO to RTO Delivered",
    "status_code": "",
    "status_description": ""
  },
  {
    "request_order_id": "130",
    "order_reference_id": "OD00204",
    "tracking_number": "EQ235340552IN",
    "carrier_name": "Aramex",
    "date_time": "02-04-201812:08:40",
    "location": "Delhi",
    "action": "Manifested to shipped",
    "status_code": "",
    "status_description": ""
  },
  {
    "request_order_id": "130",
    "order_reference_id": "OD00204",
    "tracking_number": "EQ235340552IN",
    "carrier_name": "Aramex",
    "date_time": "02-04-201812:08:40",
    "location": "Panipat_PC (Haryana)",
    "action": "Shipped to RTO",
    "status_code": "",
    "status_description": ""
  }

```



```

    },
    {
      "request_order_id":"130",
      "order_reference_id":"OD00204",
      "tracking_number":"EQ235340552IN",
      "carrier_name":"Aramex",
      "date_time":"02-04-201812:08:39",
      "location":"Delhi",
      "action":"Manifested to shipped",
      "status_code": "",
      "status_description": ""
    }
  ]
}
},
"extra":[
]
}

```

**Response Field Details:**

| Field Name         | Description                 |
|--------------------|-----------------------------|
| request_order_id   | SmartShip Order ID          |
| order_reference_id | Client's reference id       |
| tracking_number    | Tracking number             |
| carrier_name       | Carrier Name                |
| date_time          | Shipment Scan date and time |
| Location           | Shipment location           |
| Action             | Description                 |

**Status Code & Description**

| Status Code | Status Description       |
|-------------|--------------------------|
| 0           | Open                     |
| 2           | Confirmed                |
| 3           | Shipping Label Generated |
| 4           | Manifested               |

|         |  |
|---------|--|
| 10      | Shipped  |
| 11      | Delivered  |
| 12      | Delivery Attempted-Out Of Delivery Area                |
| 13      | Delivery Attempted-Address Issue / Wrong Address       |
| 14      | Delivery Attempted-COD Not ready                       |
| 15      | Delivery Attempted-Customer Not Available/Contactable  |
| 16      | Delivery Attempted-Customer Refused To Accept Delivery |
| 17      | Delivery Attempted-Requested for Future Delivery       |
| 18      | Return To Origin                                       |
| 19      | RTO Delivered To Shipper                               |
| 22      | Delivery Attempted - Requested For Open Delivery       |
| 23      | Delivery Attempted - Others                            |
| 24      | Courier Assigned                                       |
| 26      | Cancellation Requested By Client                       |
| 27      | In Transit   |
| 28      | RTO In Transit   |
| 30      | Out For Delivery                                       |
| 36      | Handed Over to Courier                                 |
| 48      | Delivery Confirmed by Customer                         |
| 59      | In Transit Delay - ODA Location/ Area Not Accessible   |
| 118     | RTO to be Refunded                                     |
| 185     | Cancelled By Client                                    |
| 189     | Forward Shipment Lost                                  |
| 198     | RTO-Rejected by Merchant                               |
| 199/201 | RTO-Delivered to FC                                    |
| 207     | Shipped - In Transit - Misrouted                       |
| 209     | Shipped - In Transit - Destination Reached             |
| 210     | Delivery Not Attempted                                 |
| 212     | RTO - In Transit - Damaged                             |

|     |   |
|-----|---|
| 214 | Delivery Attempted-Refused by Customer with OTP |
|-----|---|