POS Master API document

12/11/2013

Vendor Technology

Sheetal

**POS Master API document**

**NOTES:**

* Base URL is: http://test.loayltyserver.com
* All response data is in the format: {responsecode, responsemsg, data}
* All requests must be made with URL encoded JSON data(see sample calls)
* n stands for index number on the respective array

Contents

**Store Master**

[Create Store 4](#_Toc374636064)

[Update Store 5](#_Toc374636065)

[Delete Store 6](#_Toc374636066)

[Retrieve Store 7](#_Toc374636067)

[Store List 8](#_Toc374636068)

**Product Master**

[Create Product 9](#_Toc374636069)

[Update Product 10](#_Toc374636070)

[Delete Product 11](#_Toc374636071)

[Retrieve Product 12](#_Toc374636072)

[Product List 13](#_Toc374636073)

**Tender Master**

[Create Tender 14](#_Toc374636074)

[Update Tender 15](#_Toc374636075)

[Delete Tender 16](#_Toc374636076)

[Retrieve Tender 16](#_Toc374636077)

[Tender List 17](#_Toc374636078)

Store Master API

# Create Store

URL: **/service/store/create**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| posstoreid | Store ID according to Companyxyz Master | Required |
| name | Store name | Required |
| state | State |  |
| country | Country | Required |
| address | Store Address |  |
| contactpersonname | Store Contact Person |  |
| emailid | Email id of Store | Email format |
| faxno | Fax no of Store | Ten digits |
| phoneno1 | Phone number of Store | Ten digits |
| phoneno2 | Phone number of Store | Ten digits |
| description | More store details |  |
| cstno | CST no |  |
| vatno | Vat no |  |
| locationtype | Location type | Default: Companyxyz Location |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/store/create',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

posstoreid:11,

name:’xyz’,

state:’maharashtra’,

country:’india’,

address:’xyz’,

contactpersonname:’xyz’,

emailid:’xyz@gmail.com’,

faxno:0123456789,

phoneno1:9876543210,

phoneno2: 9876543210,

description:’This is store’,

cstno:123456,

vatno:123456,

locationtype:’ Companyxyz Location’

},

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Success | storeid |
| 404 | Store Not Found |  |
| 406 | Invalid email address. |  |
| 406 | Invalid phone no 1 |  |
| 406 | Invalid phone no 2 |  |
| 406 | Invalid person name |  |
| 406 | Invalid faxno no |  |
| 406 | Incomplete request! | List of Missing Parameters |

# Update Store

URL: **/service/store/update**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| posstoreid | Store ID according to Companyxyz Master. It should be available in the CRM | Required |
| name | Store name | Required |
| state | State |  |
| country | Country | Required |
| address | Store Address |  |
| contactpersonname | Store Contact Person |  |
| emailid | Email id of Store | Email format |
| faxno | Fax no of Store | Ten digits |
| phoneno1 | Phone number of Store | Ten digits |
| phoneno2 | Phone number of Store | Ten digits |
| description | More store details |  |
| cstno | CST no |  |
| vatno | Vat no |  |
| locationtype | Location type | Default: Companyxyz Location |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/store/update',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

posstoreid:11,

name:’xyz’,

state:’maharashtra’,

country:’india’,

address:’xyz’,

contactpersonname:’xyz’,

emailid:’xyz@gmail.com’,

faxno:0123456789,

phoneno1:9876543210,

phoneno2: 9876543210,

description:’This is store’,

cstno:123456,

vatno:123456,

locationtype:’ Companyxyz Location’

},

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Success | storeid |
| 404 | Store Not Found |  |
| 406 | Invalid email address. |  |
| 406 | Invalid phone no 1 |  |
| 406 | Invalid phone no 2 |  |
| 406 | Invalid person name |  |
| 406 | Invalid faxno no |  |
| 406 | Incomplete request! | List of Missing Parameters |

**Delete Store**

URL: **/service/store/delete**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| posstoreid | Store ID according to Companyxyz Master. It should be available in the CRM | Required |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/store/delete',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

posstoreid:11

},

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Store deleted successfully |  |
| 404 | Store Not Found |  |

# Retrieve Store

URL: **/service/store/retrieve**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| posstoreid | Store ID according to Companyxyz Master. It should be available in the CRM | Required |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/store/retrieve',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

posstoreid:11

},

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Success | posstoreid  name  state  country  address  contactpersonname  emailid  faxno  phoneno1  phoneno2  description  cstno  vatno  locationtype |
| 404 | Store Not Found |  |

# Store List

URL: **/service/store/list**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| page | Page number for navigation | Default: 1 |
| noofresults | Total Stores to be returned | Default: 10 |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/store/list',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

page:1,

noofresults:10

  },

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Success | Array of Store (n)  posstoreid  name  state  country  address  contactpersonname  emailid  faxno  phoneno1  phoneno2  description  cstno  vatno  locationtype |
| 404 | Store Not Found |  |

Product Master API

# Create Product

URL: **/ service/product/create**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| name | Product name | Required |
| brand | Brand name | Companyxyz |
| category | Sub Family name | Required |
| department | Department name | Required |
| season | Season name |  |
| vatcategory | VAT Category |  |
| ean | EAN Code |  |
| style |  |  |
| theme |  |  |
| universe |  |  |
| life |  |  |
| construction |  |  |
| fabric |  |  |
| dimension |  |  |
| custom |  |  |
| color |  |  |
| size |  |  |
| module |  |  |
| margin |  |  |
| sku | SKU is considered to be EAN | Required |
| cost | Basic Store cost | Required, Numeric |
| sellprice | Customer purchase price | Required, Numeric |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/product/create',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

name:’xyz’,

brand:’companyxyz’,

category:’xyz’,

department:’xyz’,

season:’xyz’,

vatcategory:’xyz’,

ean:

style:’xyz’,

theme: ’xyz’,

universe: ’xyz’,

life: ’xyz’,

construction: ’xyz’,

fabric: ’xyz’,

dimension: ’xyz’,

custom: ’xyz’,

color: ’xyz’,

size:10,

module: ’xyz’,

margin: ’xyz’,

sku: ’xyz’,

cost:100,

sellprice:100

},

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Success | productid |
| 406 | Invalid product cost |  |
| 406 | Invalid product Sellprice |  |
| 406 | Incomplete request! | List of Missing Parameters |

# Update Product

URL: **/ service/product/update**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| name | Product name | Required |
| brand | Brand name | Companyxyz |
| category | Sub Family name | Required |
| department | Department name | Required |
| season | Season name |  |
| vatcategory | VAT Category |  |
| ean | EAN Code |  |
| style |  |  |
| theme |  |  |
| universe |  |  |
| life |  |  |
| construction |  |  |
| fabric |  |  |
| dimension |  |  |
| custom |  |  |
| color |  |  |
| size |  |  |
| module |  |  |
| margin |  |  |
| sku | SKU is considered to be EAN | Required |
| cost | Basic Store cost | Required, Numeric |
| sellprice | Customer purchase price | Required, Numeric |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/product/update',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

name:’xyz’,

brand:’companyxyz’,

category:’xyz’,

department:’xyz’,

season:’xyz’,

vatcategory:’xyz’,

ean:

style:’xyz’,

theme: ’xyz’,

universe: ’xyz’,

life: ’xyz’,

construction: ’xyz’,

fabric: ’xyz’,

dimension: ’xyz’,

custom: ’xyz’,

color: ’xyz’,

size:10,

module: ’xyz’,

margin: ’xyz’,

sku: ’xyz’,

cost:100,

sellprice:100

},

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Success | productid |
| 406 | Invalid product cost |  |
| 406 | Invalid product Sellprice |  |
| 406 | Incomplete request! | List of Missing Parameters |

# Delete Product

URL: **/ service/product/delete**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| sku | It should be available in the CRM | Required |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/product/delete',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

sku:’xyz’

},

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Product deleted successfully |  |
| 404 | Product Not Found |  |

# Retrieve Product

URL: **/ service/product/retrieve**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| sku | It should be available in the CRM | Required |

**SAMPLE CALL:**

$.ajax({ type: 'GET', url: 'http://test.loayltyserver.com/service/product/retrieve', jsonpCallback: 'loadit', contentType: "application/json", dataType: 'jsonp', data: { 'sku':"3596652503657"}, success: function() { }, error: function(e) { console.log(e.message); } }); function loadit(data){ console.log(data) }

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Success | name  brand  category  department  season  vatcategory  ean  style  theme  universe  life  construction  fabric  dimension  custom  color  size  module  margin  sku  cost  sellprice |
| 404 | Product Not Found |  |

# Product List

URL: **/ service/product/list**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| page | Page number for navigation | Default: 1 |
| noofresults | Total Products to be returned | Default: 10 |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/product/list',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

page:1,

noofresults:10

   },

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Success | Array of Product (n)  name  brand  category  department  season  vatcategory  ean  style  theme  universe  life  construction  fabric  dimension  custom  color  size  module  margin  sku  cost  sellprice |
| 404 | Product Not Found |  |

Tender Master API

# Create Tender

URL: **/ service/tender/create**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| tendercode | Tender Code as per Companyxyz system | Required |
| function | Normal or Card |  |
| description |  |  |
| type | Cash, coupon, card, Credit Note,  Gift Card, loyalty points, Gift Voucher | Required |
| apicode | Credit, creditnote, gc, clp, gv | Required |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/tender/create',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

tendercode:’xyz’,

function:’xyz’,

description:’This is store’,

type:’xyz’,

apicode:’xyz’

},

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Success | tenderid |
| 406 | Tender already exists |  |

# Update Tender

URL: **/ service/tender/update**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| tendercode | Tender Code as per Companyxyz system | Required |
| function | Normal or Card |  |
| description |  |  |
| type | Cash, coupon, card, Credit Note,  Gift Card, loyalty points, Gift Voucher | Required |
| apicode | Credit, creditnote, gc, clp, gv | Required |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/tender/update',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

tendercode:’xyz’,

function:’xyz’,

description:’This is store’,

type:’xyz’,

apicode:’xyz’

  },

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Success | tenderid |
| 404 | Tender Not Found |  |

# Delete Tender

URL: **/service/tender/delete**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| tendercode | Tender Code as per Companyxyz system | Required |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/tender/delete',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

tendercode:’xyz’

},

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Tender deleted successfully |  |
| 404 | Tender Not Found |  |

# Retrieve Tender

URL: **/service/tender/retrieve**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| tendercode | Tender Code as per Companyxyz system |  |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/tender/retrieve',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

tendercode:’xyz’

},

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Success | tendercode  function  description  type  apicode |
| 404 | Tender Not Found |  |

# Tender List

URL: **/ service/tender/list**

METHOD: POST or GET

**INPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Param Name | Description | Validation |
| page | Page number for navigation | Default: 1 |
| noofresults | Total Stores to be returned | Default: 10 |

**SAMPLE CALL:**

$.ajax({

   type: 'GET',

url: 'http://test.loayltyserver.com/service/tender/list',

jsonpCallback: 'loadit',

contentType: "application/json",

dataType: 'jsonp',

data: {

page:1,

noofresults:10

},

success: function() {

},

error: function(e) {

   console.log(e.message);

}

});

function loadit(data){

 console.log(data)

}

**OUTPUT PARAMS:**

|  |  |  |
| --- | --- | --- |
| Response Code | Interpretation | Data |
| 200 | Success | Array of tender (n)  tendercode  function  description  type  apicode |
| 404 | Tender Not Found |  |