ORACLE

Oracle Responsys Advanced REST API Guide

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Oracle Responsys Advanced REST API Guide

Responsys Update 20B, document revision 02

Documentation for Oracle Responsys customers that use the Responsys Web Services Advanced REST API.

NOTICE: Oracle Responsys Advanced REST API—These interfaces are only available to Internal Oracle Teams or Customers that have received Responsys Management approval.

Contents

RECENT CHANGES AND ENHANCEMENTS

- As of the Responsys 20B Update:

  - We've added two new endpoints to better help you manage your Responsys lists and data source objects by deleting objects that are no longer needed:

    - The Delete Profile Extension Table API endpoint details are found on page 75.

    - The Delete Supplemental Tables API endpoint details are on page 76.

  - You can now also delete SMS Campaigns using the new Delete SMS Campaign API endpoint. This enables you to delete SMS Campaign objects that are no longer needed. See Delete SMS Campaign on page 36 for more information.

  - Removed the Retrieve Multiple Profile Extensions Recipients endpoint. This standard API endpoint can be found on docs.oracle.com.

  - The Create a Profile List endpoint was released in 20A, but documented in the Standard API guide. This endpoint has been added to the Advanced API guide.

- In the 20A update:

  - Link Tables API endpoints are now available in the Advanced API. Use these API endpoints to programmatically manage your Link Tables in Responsys. The API endpoints offer the ability to quickly and easily merge or delete link table records. For more details about these APIs, see "Link Tables API endpoints" on page 59.

  - The "Bulk Retrieve Profile Extension Recipients" endpoint is now available on page 72. This API enables you to retrieve up to 200 Profile Extension Recipients in a single request, filtered by field name and query attribute.

  - A new API to create an SMS Campaign has been added. This API enables you to create SMS Campaigns that are similar to how an SMS Campaign is created through the SMS Campaign Designer in Responsys. For more details about this API, see "Create SMS Campaign" on page 24.

- In the 19C update, The Email Campaign API endpoints have been updated to v**1.5**. This update supports creating and updating campaigns with all supported Data Sources available in the Responsys user interface including Profile Lists, Profile Extensions, Supplemental Tables, Segment Groups, and Dynamic Variables. A new property was added, `dataSource`, which enables you to specify data sources when creating and updating campaigns. The properties `supplementaryCampaignDataSourcePaths`, `campaignVariables`, `segmentPaths`, and `listName` have been deprecated because these data source types are now listed within the new `dataSource` property.

- In the Responsys 19A update, new Campaign Approval API endpoints were added to page 47. These endpoints enable you to retrieve Email Message Designer (EMD) campaigns filtered by approval status, and update an EMD campaign's approval status.

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- In the 19A update, the service URLs for the Email Campaign API endpoints changed from v1.3 to v1.4.

- A new property `supplementaryLookupDataSource` was added to the campaign object in 19A. This property enables you to add supplemental tables and profile extension tables as lookup data sources, and define columns with column aliases and look up keys. The property `supplementaryLookupDataSourcePaths` is no longer supported in v1.4 since this capability is provided within `supplementaryLookupDataSource`. **This property is available only in v1.4, and using the updated v1.4 JSON payloads in this document may cause errors if you send requests to v1.3.**

- The Responsys 18C Update added a Connect endpoint, Trigger Connect Job, to the Advanced REST API. For more details about this API, see "Trigger Connect Job" on page 44.

- The REST API version has changed from v1.1 to v1.3 as of the Responsys 6.31 release. There were no changes to the Advanced REST APIs for v1.3. **When you migrate to v1.3, please note that this affects the Service URLs used to make the API calls.**

- Version v1.1: As part of an enhancement/bug fix a new property called `supplementaryLookupDataSourcePaths` was added to the campaign object. This property will now be visible for v1.1 campaign APIs, which include create campaign, get campaign, update campaign, and get all campaigns.

ABOUT THIS GUIDE

This document is for customers that use the Oracle Responsys Web Services Advanced REST API. It is a supplement to the standard Responsys Web Services REST API Guide. Please refer to either of the following for information about the standard API:

- *Oracle Responsys REST API Developer's Guide* – A PDF version of our standard Responsys Web Services REST API Guide.

- *REST API for Oracle Responsys Marketing Cloud Service* – An HTML version of our standard Responsys Web Services REST API Guide. This guide contains the full request and response parameter descriptions for the API endpoints.

Before you begin

Ensure that your Responsys account is properly configured by the Oracle Responsys Support team to have access to the Responsys Web Services Advanced REST API. Oracle Responsys must also enable your account for the EMD, MVT, and Campaign Workbook features. The Email Campaign endpoints do not support Classic Email campaigns.

Conventions used in this document

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates terms defined in the text or for emphasis.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates URLs, code, text that appears on the screen, or text that you enter.

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{endpoint variable}	Indicates a variable in the REST endpoint; for example {*campaign_name*} should be substituted with the name of the campaign as defined in Responsys.
<code variable>	Indicates a variable in the header, request, or response.

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AUTHENTICATION

The Advanced REST APIs use the same authentication as the standard REST APIs.

Before using the interfaces in this guide, ensure that your client application has authenticated with Responsys. Use the method described in either the "Log in with username and password" topic or the "Log in with username and certificates" topic of the document *REST API for Oracle Responsys Marketing Cloud Service*.

After your client application has authenticated successfully, it will receive the authentication response body shown below.

- When logging in with username and password, a successful response contains the values you need.

- Logging in with username and certificates involves two REST API requests, and the response containing the values you need is the *second* one received from the Responsys system (step 4 in the procedure mentioned above).

The response body for authentication contains the **authToken** and **endPoint** values:

```
{
  "authToken": " <auth_token> ",
  "issuedAt": <value>,
  "endPoint": " <endpoint_URI_value> "
}
```

Your client application must use the **authToken** values and **endPoint** values in all requests:

- Use the `<endpoint_URI_value>` when constructing the URI for your endpoint. The format may vary, depending on the programming language used to code the request. For example, if constructing a URL for a get campaign request, it looks like this (endpoint URI + Service URL):

```
{endpoint_URI_value}/rest/api/v1.3/campaigns/{campaign_name}
```

- In the Request Header, substitute the response value for `<auth_token>` in places where we show `Authorization: <auth_token>`.

EMAIL CAMPAIGN ENDPOINTS

This section contains the campaign endpoints:

- "Create Email Campaign" on page 4

- "Get Email Campaign Properties" on page 9

- "Get All Email Campaigns" on page 13

- "Update Email Campaign Properties" on page 14

IMPORTANT: The Email Campaign endpoints do not support Classic Email campaigns. To use the Email Campaign endpoints, your account must be enabled for Email Message Designer (EMD). Otherwise using the call will result in an error with HTTPS status code of `401 Unauthorized` and `API_DISABLED_FOR_USER` in the error message payload.

Create Email Campaign

> **NOTICE:** Oracle Responsys Advanced REST API—These interfaces are only available to Internal Oracle Teams or Customers that have received Responsys Management approval.

Use this interface to create an Email Message Designer (EMD) Email campaign object.

The response returns the campaign object, which includes the campaign ID number and other campaign properties (echoing the request format). The **links** array contains the campaign object's related API operations, specific to the campaign name where applicable.

Request Method	Service URL
POST	/rest/api/v1.5/campaigns
Request Parameters	None
Request Headers	Authorization:*<auth_token>*
	Content-Type:application/json
Request Body – Required Properties	

`name` – Name of the new campaign

`folderName` – Name of the folder that will contain the new campaign

`dataSource` – Details about the Data Sources for the campaign including Profile List. The properties `path`, `fields`, and `type` must be specified.

Request Body Example

```
{
  "name": "testcampaign-b11",
  "folderName": "testfolder",
  "type": "EMAIL",
  "description": "<description>",
  "purpose": "PROMOTIONAL",
  "marketingStrategy": "<strategy>",
  "dataSource": [
    {
      "path": "folderName/objectName",
      "alias": "<dataSourceAliasName>",
      "fields": [
        {
          "name": "<columnName>",
          "alias": "<aliasName>",
          "lookUpKey": false,
          "defaultValue": null
        },
        {
          "name": "<columnName>",
          "alias": "<aliasName>",
          "lookUpKey": false,
          "defaultValue": null
        }
      ],
      "type": "PROFILE_LIST",
      "defaultValue": null
    }
  ],
  "marketingProgram": "<program>",
  "filterPaths": [
    "foldername/objectName1",
    "foldername/objectName2"
```

```
    ],
    "refiningDataSourcePath": "foldername/objectName1",
    "proofListPath": "foldername/objectName1",
    "seedListPath": "foldername/objectName1",
    "supplementaryProofDataSourcePaths": [
      "foldername/objectName1",
      "foldername/objectName2"
    ],
    "supplementarySeedDataSourcePaths": [
      "foldername/objectName1",
      "foldername/objectName2"
    ],
    "supplementaryLookupDataSource": [
      {
        "path": "foldername/objectName1",
        "alias": "<data source alias name>",
        "fields": [
          {
            "name": "<column name>",
            "alias": "<alias name>",
            "lookUpKey": true
          }
        ]
      }
    ],
    "suppressionListPaths": [
      "foldername/objectName1",
      "foldername/objectName2"
    ],
    "subject": "<subject>",
    "fromName": "<from name>",
    "fromEmail": "<from email>",
    "replyToEmail": "<reply to email>",
    "bccEmail": "<bcc email>",
    "htmlMessagePath": "documentPath",
    "textMessagePath": "documentPath",
    "enableExternalTracking": true,
    "externalTrackingParams": {
      "name1": "value1",
      "name2": "value2"
    },
    "enableLinkTracking": true,
    "linkTablePath": "foldername/objectName1",
    "attachmentPaths": [
      "documentPath1",
      "documentPath2"
    ],
    "useUTF8": true,
    "locale": "<value>",
    "trackHTMLOpens": true,
    "trackConversions": true,
    "sendTextIfHTMLUnknown": true,
    "segmentTrackingColumnName": "<name>",
    "unsubscribeOption": "OPTOUT_SINGLE_CLICK",
    "unsubscribeFormName": "name",
    "autoCloseOption": "NO_AUTO_CLOSE",
    "autoCloseValue": "<value>",
```

```
  "closedCampaignURL": "<URL>",
  "externalCampaignCode": "<code>",
  "salesForceCampaignId": "<salesforce id>"
}
```

Response Body Example

```
{
  "id": 1000,
  "name": "testcampaign-b11",
  "folderName": "testfolder",
  "type": "EMAIL",
  "description": "<description>",
  "purpose": "PROMOTIONAL",
  "marketingStrategy": "<strategy>",
  "dataSource": [
    {
      "path": "folderName/objectName",
      "alias": "<dataSourceAliasName>",
      "fields": [
        {
          "name": "<columnName>",
          "alias": "<aliasName>",
          "lookUpKey": false,
          "defaultValue": null
        },
        {
          "name": "<columnName>",
          "alias": "<aliasName>",
          "lookUpKey": false,
          "defaultValue": null
        }
      ],
      "type": "PROFILE_LIST",
      "defaultValue": null
    }
  ],
  "marketingProgram": "<program>",
  "filterPaths": [
    "foldername/objectName1",
    "foldername/objectName2"
  ],
  "refiningDataSourcePath": "foldername/objectName1",
  "proofListPath": "foldername/objectName1",
  "seedListPath": "foldername/objectName1",
  "supplementaryProofDataSourcePaths": [
    "foldername/objectName1",
    "foldername/objectName2"
  ],
  "supplementarySeedDataSourcePaths": [
    "foldername/objectName1",
    "foldername/objectName2"
  ],
  "supplementaryLookupDataSource": [
    {
      "path": "foldername/objectName1",
      "alias": "<data source alias name>",
      "fields": [
```

```
            {
              "name": "<column name>",
              "alias": "<alias name>",
              "lookUpKey": true
            }
          ]
        }
      ],
      "suppressionListPaths": [
        "foldername/objectName1",
        "foldername/objectName2"
      ],
      "subject": "<subject>",
      "fromName": "<from name>",
      "fromEmail": "<from email>",
      "replyToEmail": "<reply to email>",
      "bccEmail": "<bcc email>",
      "htmlMessagePath": "documentPath",
      "textMessagePath": "documentPath",
      "enableExternalTracking": true,
      "externalTrackingParams": {
        "name1": "value1",
        "name2": "value2"
      },
      "enableLinkTracking": true,
      "linkTablePath": "foldername/objectName1",
      "attachmentPaths": [
        "documentPath1",
        "documentPath2"
      ],
      "useUTF8": true,
      "locale": "<value>",
      "trackHTMLOpens": true,
      "trackConversions": true,
      "sendTextIfHTMLUnknown": true,
      "segmentTrackingColumnName": "<name>",
      "unsubscribeOption": "OPTOUT_SINGLE_CLICK",
      "unsubscribeFormName": "name",
      "autoCloseOption": "NO_AUTO_CLOSE",
      "autoCloseValue": "<value>",
      "closedCampaignURL": "<URL>",
      "externalCampaignCode": "<code>",
      "salesForceCampaignId": "<salesforce id>",
      "links": [
        {
          "rel": "self",
          "href": "/rest/api/v1.5/campaigns",
          "method": "POST"
        },
        {
          "rel": "get",
          "href": "/rest/api/v1.5/campaigns",
          "method": "GET"
        },
        {
          "rel": "get",
          "href": "/rest/api/v1.5/campaigns/testcampaign-b11",
```

```
        "method": "GET"
    },
    {
        "rel": "update",
        "href": "/rest/api/v1.5/campaigns/testcampaign-b11",
        "method": "PUT"
    }
   ]
 }
```

Get Email Campaign Properties

Use this interface to get an existing EMD Email campaign object.

The response returns the campaign object, which includes the campaign ID and the campaign's other properties. The **links** array contains the campaign object's related API operations, specific to the campaign name where applicable.

Request Method	Service URL
GET	`/rest/api/v1.5/campaigns/{campaign_name}`
Request Parameters	`None`
Request Headers	`Authorization:<auth_token>`

Request Body – Required Properties

Not applicable

Request Body Example

Not applicable

Response Body Example

```
{
  "id": 1000,
  "name": "testcampaign-b11",
  "folderName": "testfolder",
  "type": "EMAIL",
  "description": "<description>",
  "purpose": "PROMOTIONAL",
  "marketingStrategy": "<strategy>",
  "dataSource": [
    {
      "path": "folderName/objectName",
      "alias": "<data source alias name>",
      "fields": [
```

```
      {
        "name": "<columnName>",
        "alias": "<aliasName>",
        "lookUpKey": false,
        "defaultValue": null
      },
      {
        "name": "<columnName>",
        "alias": "<aliasName>",
        "lookUpKey": false,
        "defaultValue": null
      }
    ],
    "type": "<data source type>",
    "defaultValue": null
  },
  {
    "path": "folderName/objectName",
    "alias": "<data source alias name>",
    "fields": [
      {
        "name": "<columnName>",
        "alias": "<aliasName>",
        "lookUpKey": false,
        "defaultValue": null
      },
      {
        "name": "<columnName>",
        "alias": "<aliasName>",
        "lookUpKey": false,
        "defaultValue": null
      }
    ],
```

```
      "type": "PROFILE_LIST",

      "defaultValue": null

   }

],

"marketingProgram": "<program>",

"filterPaths": [

   "foldername/objectName1",

   "foldername/objectName2"

],

"refiningDataSourcePath": "foldername/objectName1",

"proofListPath": "foldername/objectName1",

"seedListPath": "foldername/objectName1",

"supplementaryProofDataSourcePaths": [

   "foldername/objectName1",

   "foldername/objectName2"

],

"supplementarySeedDataSourcePaths": [

   "foldername/objectName1",

   "foldername/objectName2"

],

"supplementaryLookupDataSource": [

   {

      "path": "foldername/objectName1",

      "alias": "<data source alias name>",

      "fields": [

         {

            "name": "<column name>",

            "alias": "<alias name>",

            "lookUpKey": true

         }

      ]

   }

],
```

```
"suppressionListPaths": [

  "foldername/objectName1",

  "foldername/objectName2"

],

"subject": "<subject>",

"fromName": "<from name>",

"fromEmail": "<from email>",

"replyToEmail": "<reply to email>",

"bccEmail": "<bcc email>",

"htmlMessagePath": "documentPath",

"textMessagePath": "documentPath",

"enableExternalTracking": true,

"externalTrackingParams": {

  "name1": "value1",

  "name2": "value2"

},

"enableLinkTracking": true,

"linkTablePath": "foldername/objectName1",

"attachmentPaths": [

  "documentPath1",

  "documentPath2"

],

"useUTF8": true,

"locale": "<value>",

"trackHTMLOpens": true,

"trackConversions": true,

"sendTextIfHTMLUnknown": true,

"segmentTrackingColumnName": "<name>",

"unsubscribeOption": "OPTOUT_SINGLE_CLICK",

"unsubscribeFormName": "name",

"autoCloseOption": "NO_AUTO_CLOSE",

"autoCloseValue": "<value>",

"closedCampaignURL": "<URL>",
```

```
"externalCampaignCode": "<code>",

"salesForceCampaignId": "<salesforce id>",

"links": [

  {

    "rel": "self",

    "href": "/rest/api/v1.5/campaigns/testcampaign-b11",

    "method": "GET"

  },

  {

    "rel": "create",

    "href": "/rest/api/v1.5/campaigns",

    "method": "POST"

  },

  {

    "rel": "updateCampaign",

    "href": "rest/api/v1.5/campaigns/testcampaign-b11",

    "method": "PUT"

  }

]

}
```

Get All Email Campaigns

The Get All Email Campaigns API is a standard API – please see the "Get All Campaigns REST Endpoints" section (https://docs.oracle.com/cloud/latest/marketingcs_gs/OMCED/api-get-all-campaigns.html) of the reference guide *REST API for Oracle Responsys Marketing Cloud Service* for details about how to use it.

Update Email Campaign Properties

Use this interface to update an existing EMD Email campaign object.

The response returns the campaign object, which includes the campaign ID and its other properties (showing the new values for those updated per the request). The `links` array contains the campaign object's related API operations, specific to the campaign name where applicable.

Request Method	Service URL
PUT	/rest/api/v1.5/campaigns/{*campaign_name*}
Request Parameters	None
Request Headers	Authorization:<*auth_token*>
	Content-Type:application/json
Request Body – Required Properties	

We recommend that your client application create the request body as follows:

1. Use the **Get Email Campaign Properties** API to obtain the campaign's current properties. Responsys users may have modified the campaign after it was created by the API, and therefore the properties might not match those returned in the Create Email Campaign response body.

2. Copy the email campaign properties from the response body of the Get Email Campaign Properties request, and then use the copy to create the request body for Update Email Campaign:

    a. Modify the properties as needed for your updates, as needed.

    b. Leave the other properties in the request body, unmodified.

Request Body Example

```
{
  "name": "testcampaign-b11",
  "folderName": "testfolder",
  "type": "EMAIL",
  "description": "<description>",
  "purpose": "PROMOTIONAL",
  "marketingStrategy": "<strategy>",
  "dataSource": [
    {
      "path": "folderName/objectName",
      "alias": "<dataSourceAliasName>",
      "fields": [
        {
          "name": "<columnName>",
          "alias": "<aliasName>",
          "lookUpKey": false,
          "defaultValue": null
        },
        {
          "name": "<columnName>",
          "alias": "<aliasName>",
          "lookUpKey": false,
          "defaultValue": null
```

```
        }
      ],
      "type": "PROFILE_LIST",
      "defaultValue": null
    }
  ],
  "marketingProgram": "<program>",
  "filterPaths": [
    "foldername/objectName1",
    "foldername/objectName2"
  ],
  "refiningDataSourcePath": "foldername/objectName1",
  "proofListPath": "foldername/objectName1",
  "seedListPath": "foldername/objectName1",
  "supplementaryProofDataSourcePaths": [
    "foldername/objectName1",
    "foldername/objectName2"
  ],
  "supplementarySeedDataSourcePaths": [
    "foldername/objectName1",
    "foldername/objectName2"
  ],
  "supplementaryLookupDataSource": [
    {
      "path": "foldername/objectName1",
      "alias": "<data source alias name>",
      "fields": [
        {
          "name": "<column name>",
          "alias": "<alias name>",
          "lookUpKey": true
        }
      ]
    }
  ],
  "suppressionListPaths": [
    "foldername/objectName1",
    "foldername/objectName2"
  ],
  "subject": "<subject>",
  "fromName": "<from name>",
  "fromEmail": "<from email>",
  "replyToEmail": "<reply to email>",
  "bccEmail": "<bcc email>",
  "htmlMessagePath": "documentPath",
  "textMessagePath": "documentPath",
  "enableExternalTracking": true,
  "externalTrackingParams": {
    "name1": "value1",
    "name2": "value2"
  },
  "enableLinkTracking": true,
  "linkTablePath": "foldername/objectName1",
  "attachmentPaths": [
    "documentPath1",
    "documentPath2"
  ],
```

```
    "useUTF8": true,
    "locale": "<value>",
    "trackHTMLOpens": true,
    "trackConversions": true,
    "sendTextIfHTMLUnknown": true,
    "segmentTrackingColumnName": "<name>",
    "unsubscribeOption": "OPTOUT_SINGLE_CLICK",
    "unsubscribeFormName": "name",
    "autoCloseOption": "NO_AUTO_CLOSE",
    "autoCloseValue": "<value>",
    "closedCampaignURL": "<URL>",
    "externalCampaignCode": "<code>",
    "salesForceCampaignId": "<salesforce id>"
        }
```

Response Body Example

```
{
  "id": 1000,
  "name": "testcampaign-b11",
  "folderName": "testfolder",
  "type": "EMAIL",
  "description": "<description>",
  "purpose": "PROMOTIONAL",
  "marketingStrategy": "<strategy>",
  "dataSource": [
    {
      "path": "folderName/objectName",
      "alias": "<dataSourceAliasName>",
      "fields": [
        {
          "name": "<columnName>",
          "alias": "<aliasName>",
          "lookUpKey": false,
          "defaultValue": null
        },
        {
          "name": "<columnName>",
          "alias": "<aliasName>",
          "lookUpKey": false,
          "defaultValue": null
        }
      ],
      "type": "PROFILE_LIST",
      "defaultValue": null
    }
  ],
  "marketingProgram": "<program>",
  "filterPaths": [
    "foldername/objectName1",
    "foldername/objectName2"
  ],
  "refiningDataSourcePath": "foldername/objectName1",
  "proofListPath": "foldername/objectName1",
  "seedListPath": "foldername/objectName1",
  "supplementaryProofDataSourcePaths": [
    "foldername/objectName1",
    "foldername/objectName2"
```

```
      ],
      "supplementarySeedDataSourcePaths": [
        "foldername/objectName1",
        "foldername/objectName2"
      ],
      "supplementaryLookupDataSource": [
        {
          "path": "foldername/objectName1",
          "alias": "<data source alias name>",
          "fields": [
            {
              "name": "<column name>",
              "alias": "<alias name>",
              "lookUpKey": true
            }
          ]
        }
      ],
      "suppressionListPaths": [
        "foldername/objectName1",
        "foldername/objectName2"
      ],
      "subject": "<subject>",
      "fromName": "<from name>",
      "fromEmail": "<from email>",
      "replyToEmail": "<reply to email>",
      "bccEmail": "<bcc email>",
      "htmlMessagePath": "documentPath",
      "textMessagePath": "documentPath",
      "enableExternalTracking": true,
      "externalTrackingParams": {
        "name1": "value1",
        "name2": "value2"
      },
      "enableLinkTracking": true,
      "linkTablePath": "foldername/objectName1",
      "attachmentPaths": [
        "documentPath1",
        "documentPath2"
      ],
      "useUTF8": true,
      "locale": "<value>",
      "trackHTMLOpens": true,
      "trackConversions": true,
      "sendTextIfHTMLUnknown": true,
      "segmentTrackingColumnName": "<name>",
      "unsubscribeOption": "OPTOUT_SINGLE_CLICK",
      "unsubscribeFormName": "name",
      "autoCloseOption": "NO_AUTO_CLOSE",
      "autoCloseValue": "<value>",
      "closedCampaignURL": "<URL>",
      "externalCampaignCode": "<code>",
      "salesForceCampaignId": "<salesforce id>",
      "links": [
        {
          "rel": "self",
          "href": "/rest/api/v1.5/campaigns/testcampaign-b11",
```

```
        "method": "PUT"
    },
    {
      "rel": "create",
      "href": "/rest/api/v1.5/campaigns",
      "method": "POST"
    },
    {
      "rel": "getProperties",
      "href": "/rest/api/v1.5/campaigns/testcampaign-b11",
      "method": "GET"
    }
  ]
}
```

Email Campaign object properties reference

Name	Type	Default Value	Description
`id`	Long	`null`	ID number of the campaign.
`name`	String	`null`	Name of the campaign to be created.
`folderName`	String	`null`	Folder name for the campaign to be created.
`type`	String	`EMAIL`	Type of the campaign. The only supported campaign type is `EMAIL`.
`description`	String	`null`	Description of the campaign.
`marketingProgram`	String	`null`	Type of marketing program. The values are defined by the Responsys Account Administrator.
`marketingStrategy`	String	`null`	Type of marketing strategy. The values are defined by the Responsys Account Administrator.

`dataSource`	List `<String>`	`null`	List of data sources that the email message references. Data sources include: Profile Lists, Profile Extensions, Supplemental Tables, and Dynamic Variables. For each data source you can supply the following details:

- `path` - indicates where the data source is located in Responsys. Specify `path` by supplying the folder name, followed by the data source name. Example: `"path": "folderName/objectName"`

- `alias` —an alias Responsys uses to identify the data source. Optional if creating or updating a campaign. If not specified, defaults to the data source name.

- `fields` – array containing details about data source columns. Optional if creating or updating a campaign.

    o `name` – the name of the column.

    o `alias` – an alias Responsys uses to identify the column. Optional if creating or updating a campaign. If not specified, defaults to the column name.

    o `lookUpKey` – boolean value to determine whether or not the column is a lookup key. Defaults to false, if not specified for any column.

- `type` – The data source type. Must be `PROFILE_LIST`.

Name	Type	Default Value	Description
			`defaultValue` – the default value of the data source.
`purpose`	String	`PROMOTIONAL`	Purpose of the campaign. Values: • `PROMOTIONAL` • `TRANSACTIONAL`
`listName`	String	`null`	Profile list name which contains the audience for this campaign.
`filterPaths`	List `<String>`	`null`	Paths of filter to be used for this campaign. This can be used to select a group of customers to receive specific messages. Either standard filter or SQL View can be specified.
`refiningDataSource Path`	String	`null`	Path of additional data sources to be used for this campaign.
`proofListPath`	String	`null`	Before sending the campaign to customers, send it to proof list for testing.
`seedListPath`	String	`null`	Seed lists recipients receive the campaign when it is launched but are excluded from live report.
`segmentPaths`	List `<String>`	`null`	Segmentations are used to divide a list into segments using attributes of a profile extension table or profile list.
`supplementary CampaignDataSource Paths`	List `<String>`	`null`	Supplementary data sources can be used for inclusions or exclusions of the audience.
`supplementary ProofDataSourcePaths`	List `<String>`	`null`	Supplementary proof data sources can be used for inclusions or exclusions from proof list.
`supplementary SeedDataSourcePaths`	List `<String>`	`null`	Supplementary seed data sources can be used for inclusions or exclusions from seed list.

Name	Type	Default Value	Description
`supplementary LookupDataSource`	List \<String\>	`null`	Supplementary lookup data sources can be defined for supplemental tables or profile extension tables. You can define data sources when creating or updating campaigns by supplying the `path` where the data source is located. The `fields` array enables you to define the data source columns. • `path` - indicates where the supplemental table or profile extension table data source is located in Responsys. Specify `path` by supplying the folder name, followed by the data source name. Example: `"path": "foldername/objectName"` • `alias` –an alias Responsys uses to identify the data source. Optional if creating or updating a campaign. If not specified, defaults to the data source name. • `fields` – array containing details about data source columns. Optional if creating or updating a campaign. o `name` – the name of the column. o `alias` – an alias Responsys uses to identify the column. Optional if creating or updating a campaign. If not specified, defaults to the column name. o `lookUpKey` – boolean value to determine whether or not the column is a lookup key. Defaults to `false`, if not specified for any column.

Name	Type	Default Value	Description
`suppressionListPaths`	List <String>	`null`	This is used to exclude recipients from data sources.
`htmlMessagePath`	String	`null`	HTML message folder and path for the campaign.
`textMessagePath`	String	`null`	Text message folder and path for the campaign.
`enableLinkTracking`	Boolean	`false`	Enable to track the links in a campaign.
`linkTablePath`	String	`null`	Link table to be included in this campaign.
`attachmentPaths`	List <String>	`null`	Attachments for the campaign.
`enableExternal TrackingParams`	Boolean	`false`	Enable to use third-party web analytics service that use tracking parameters appended to the URLs.
`externalTracking Params`	Map <String, String>	`null`	Name and value of external tracking parameters.
`campaignVariables`	Map <String, String>	`null`	Name and value of campaign variables which are used as default values for text replacement.
`useUTF8`	Boolean	`false`	Use UTF-8 encoding for messages.
`locale`	String	`null`	The default recipient locale for this account.
`trackHTMLOpens`	Boolean	`false`	Enable tracking when each recipient with HTML capability opened the email.
`trackConversions`	Boolean	`false`	This applies only when link tracking is enabled for the campaign. This option can be used to record conversion when clicking a link and following through a specific web page.

NOTICE: Oracle Responsys Advanced REST API—These interfaces are only available to Internal Oracle Teams or Customers that have received Responsys Management approval.

Name	Type	Default Value	Description
`sendTextIfHTML Unknown`	Boolean	`false`	If HTML ability is unknown, this option allows sending MIME messages to ensure message text is displayed correctly.
`segmentTracking ColumnName`	String	`null`	Column name for tracking segments.
`unsubscribeOption`	String	`OPTOUT_ SINGLE_CLICK`	The unsubscribe option for this campaign. Values: • `NO_OPTOUT_BUTTON` • `OPTOUT_SINGLE_CLICK` • `OPTOUT_FORM`
`unsubscribeFormName`	String	`null`	Form name to be used for unsubscribing.
`autoCloseOption`	String	`AUTO_CLOSE_ X_DAYS_ AFTER_LAST_ RESPONSE`	Auto close options for this campaign. Values: • `NO_AUTO_CLOSE` • `AUTO_CLOSE_X_DAYS_AFTER _LAUNCH` • `AUTO_CLOSE_X_DAYS_AFTER _LAST_RESPONSE` • `AUTO_CLOSE_ON_DATE`
`autoCloseValue`	String	`90`	This represents **number of days** if `autoCloseOption` is either `AUTO_CLOSE_X_DAYS_AFTER_ LAUNCH` or `AUTO_CLOSE_X_DAYS_AFTER_LAST_ RESPONSE`. This represents **date** if `autoCloseOption` is `AUTO_CLOSE_ON_DATE`.
`closedCampaignURL`	String	`null`	The URL to redirect to if a recipient clicks on a link of an already closed campaign.
`externalCampaignCode`	String	`null`	External campaign code.

Name	Type	Default Value	Description
`salesForceCampaignId`	String	`null`	Salesforce campaign id.

SMS CAMPAIGN ENDPOINTS

This section contains the SMS campaign endpoints:

- "Create SMS Campaign" on page 24.

- "SMS Campaign object properties reference" on page 37.

Create SMS Campaign

Use this interface to create an SMS campaign object. When using the Advanced API to create an SMS Campaign you can specify the following:

- SMS campaign message details resembling the options available in the Responsys interface including outbound and response message options

- General SMS campaign details and launch information

A successful response returns the campaign object and other campaign properties (echoing the request format).

Request Method	Service URL
POST	`/rest/api/sms/v1.3/campaigns/{campaignName}`
Request Parameters	None
Path Parameters	`{campaignName}` – The name of the SMS campaign to create.
Request Headers	`Authorization:<auth_token>`
	`Content-Type:application/json`

Request Body – Required Properties

`generalInfo` – General information about the new campaign such as the folder where the campaign will be created.

`dataSource` – Details about the Data Sources for the campaign including Profile List. The properties `path`, `fields`, and `type` must be specified.

`messageInfo` – The SMS campaign message details, including messages and message codes for the SMS campaign.

`additionalInfo` – Additional information about the campaign. Specifying `initiationType` is required.

Request Body Example

```
{
  "generalInfo": {
    "folderName": "Folder_Name",
    "purpose": "Promotional",
    "description": "<description>",
    "marketingStrategy": "<strategy>",
    "marketingProgram": "<marketingProgram>",
    "template": "Custom",
    "assignedOrganizations": null
```

```
    },
    "dataSources": [
      {
        "folder": "Folder_Name",
        "type": "PROFILE_LIST",
        "alias": "<profile_list_alias_name>",
        "name": "<list_name>",
        "columns": [
          {
            "alias": "<column_alias_name>",
            "name": "<column_name>",
            "type": "<column_type>",
            "defaultValue": "<column_default_value>",
            "lookupKey": true
          }
        ],
        "lookupTable": true
      },
      {
        "folder": "Folder_Name",
        "type": "PROFILE_EXTENSION",
        "alias": "<profile_extension_alias_name>",
        "name": "<pet_name>",
        "columns": [
          {
            "alias": "<column_alias_name>",
            "name": "<column_name>",
            "type": "<column_type>",
            "defaultValue": "<column_default_value>",
            "lookupKey": true
          }
        ],
        "lookupTable": true
      }
    ],
    "messageInfo": {
      "codeCountries": [
        {
          "code": "<country_code>",
          "country": "<country_name>"
        }
      ],
      "outboundMessage": "<sample_outbound_message>",
      "resposeMessages": [
        {
          "keywords": [
            "<response_message_keywords>"
          ],
          "keywordType": "<keyword_type>",
          "message": "<keyword_message>"
        },
        {
          "keywords": [
            "<response_message_keywords>"
          ],
          "keywordType": "<keyword_type>",
          "message": "<keyword_message>"
```

```
      },
      {
        "keywords": [
          "<response_message_keywords>"
        ],
        "keywordType": "<keyword_type>",
        "message": "<keyword_message>"
      },
      {
        "keywords": [
          "<response_message_keywords>"
        ],
        "keywordType": "<keyword_type>",
        "message": "<keyword_message>"
      }
    ],
    "enableLinkTracking": false,
    "linkTablePath": "<link_table_path>"
  },
  "additionalInfo": {
    "externalTrackingParams": null,
    "campaignVariables": null,
    "initiationType": "Y",
    "externalTracking": "",
    "externalTrackingEnabled": false,
    "honorPermission": "false",
    "emailOptIn": true,
    "smsOptIn": false,
    "smsOptOutFromAllLists": false,
    "active": false
  },
  "launchOptions": {
    "progressAddress": "<progress_notification_email_address>",
    "skipAlertEnabled": false,
    "skipAlertPercent": 50,
    "sentAlertEnabled": false,
    "sentAlertPercent": 20,
    "startAlertEnabled": "false",
    "emptyAlertEnabled": "true",
    "failureAddress": "<failure_notification_email_address>",
    "withdrawnAddress": "<skipped_launch_notification_email_address>",
    "launchRate": ""
  }
}
```

Response Body Example

```
{
  "generalInfo": {
    "folderName": "Folder_Name",
    "purpose": "Promotional",
    "description": "<description>",
    "marketingStrategy": "<strategy>",
    "marketingProgram": "<marketingProgram>",
    "template": "Custom",
    "assignedOrganizations": null
  },
  "dataSources": [
```

```
      {
        "folder": "Folder_Name",
        "type": "PROFILE_LIST",
        "alias": "<profile_list_alias_name>",
        "name": "<list_name>",
        "columns": [
          {
            "alias": "<column_alias_name>",
            "name": "<column_name>",
            "type": "<column_type>",
            "defaultValue": "<column_default_value>",
            "lookupKey": true
          }
        ],
        "lookupTable": true
      },
      {
        "folder": "Folder_Name",
        "type": "PROFILE_EXTENSION",
        "alias": "<profile_extension_alias_name>",
        "name": "<pet_name>",
        "columns": [
          {
            "alias": "<column_alias_name>",
            "name": "<column_name>",
            "type": "<column_type>",
            "defaultValue": "<column_default_value>",
            "lookupKey": true
          }
        ],
        "lookupTable": true
      }
    ],
    "messageInfo": {
      "codeCountries": [
        {
          "code": "<country_code>",
          "country": "<country_name>"
        }
      ],
      "outboundMessage": "<sample_outbound_message>",
      "resposeMessages": [
        {
          "keywords": [
            "<response_message_keywords>"
          ],
          "keywordType": "<keyword_type>",
          "message": "<keyword_message>"
        },
        {
          "keywords": [
            "<response_message_keywords>"
          ],
          "keywordType": "<keyword_type>",
          "message": "<keyword_message>"
        },
        {
```

```
        "keywords": [
          "<response_message_keywords>"
        ],
        "keywordType": "<keyword_type>",
        "message": "<keyword_message>"
      },
      {
        "keywords": [
          "<response_message_keywords>"
        ],
        "keywordType": "<keyword_type>",
        "message": "<keyword_message>"
      }
    ],
    "enableLinkTracking": false,
    "linkTablePath": "<link_table_path>"
  },
  "additionalInfo": {
    "externalTrackingParams": null,
    "campaignVariables": null,
    "initiationType": "Y",
    "externalTracking": "",
    "externalTrackingEnabled": false,
    "honorPermission": "false",
    "emailOptIn": true,
    "smsOptIn": false,
    "smsOptOutFromAllLists": false,
    "active": false
  },
  "launchOptions": {
    "progressAddress": "<progress_notification_email_address>",
    "skipAlertEnabled": false,
    "skipAlertPercent": 50,
    "sentAlertEnabled": false,
    "sentAlertPercent": 20,
    "startAlertEnabled": "false",
    "emptyAlertEnabled": "true",
    "failureAddress": "<failure_notification_email_address>",
    "withdrawnAddress": "<skipped_launch_notification_email_address>",
    "launchRate": ""
  }
}
```

Retrieve SMS Campaign Properties

Use this interface to retrieve a SMS Campaign's properties. A successful response returns the campaign object properties.

Request Method	Service URL
GET	`/rest/api/sms/v1.3/campaigns/{campaignName}`
Request Parameters	None
Path Parameters	`campaignName` – The name of the SMS campaign to retrieve.
Request Headers	`Authorization:<auth_token>`

```
                              Content-Type:application/json
```

Request Body – Required Properties

Not applicable

Request Body Example

Not applicable

Response Body Example

```json
{
  "generalInfo": {
    "folderName": "Folder_Name",
    "purpose": "Promotional",
    "description": "<description>",
    "marketingStrategy": "<strategy>",
    "marketingProgram": "<marketingProgram>",
    "template": "Custom",
    "assignedOrganizations": null
  },
  "dataSources": [
    {
      "id": "<dataSourceID>",
      "folder": "Folder_Name",
      "type": "PROFILE_LIST",
      "alias": "<profile_list_alias_name>",
      "name": "<list_name>",
      "columns": [
        {
          "alias": "<column_alias_name>",
          "name": "<column_name>",
          "type": "<column_type>",
          "defaultValue": "<column_default_value>",
          "lookupKey": true
        }
      ],
      "lookupTable": true
    },
    {
      "folder": "Folder_Name",
      "type": "PROFILE_EXTENSION",
      "alias": "<profile_extension_alias_name>",
      "name": "<pet_name>",
      "columns": [
        {
          "alias": "<column_alias_name>",
          "name": "<column_name>",
          "type": "<column_type>",
          "defaultValue": "<column_default_value>",
          "lookupKey": true
        }
      ],
      "lookupTable": true
    }
  ],
  "messageInfo": {
    "codeCountries": [
```

```
          {
            "code": "<country_code>",
            "country": "<country_name>"
          }
      ],
      "outboundMessage": "<sample_outbound_message>",
      "resposeMessages": [
          {
            "keywords": [
              "<response_message_keywords>"
            ],
            "keywordType": "<keyword_type>",
            "message": "<keyword_message>"
          },
          {
            "keywords": [
              "<response_message_keywords>"
            ],
            "keywordType": "<keyword_type>",
            "message": "<keyword_message>"
          },
          {
            "keywords": [
              "<response_message_keywords>"
            ],
            "keywordType": "<keyword_type>",
            "message": "<keyword_message>"
          },
          {
            "keywords": [
              "<response_message_keywords>"
            ],
            "keywordType": "<keyword_type>",
            "message": "<keyword_message>"
          }
      ],
      "enableLinkTracking": false,
      "linkTablePath": "<link_table_path>"
    },
    "additionalInfo": {
      "externalTrackingParams": null,
      "campaignVariables": null,
      "initiationType": "Y",
      "externalTracking": "",
      "externalTrackingEnabled": false,
      "honorPermission": "false",
      "emailOptIn": true,
      "smsOptIn": false,
      "smsOptOutFromAllLists": false,
      "active": false
    },
    "launchOptions": {
      "progressAddress": "<progress_notification_email_address>",
      "skipAlertEnabled": false,
      "skipAlertPercent": 50,
      "sentAlertEnabled": false,
      "sentAlertPercent": 20,
```

```
        "startAlertEnabled": "false",
        "emptyAlertEnabled": "true",
        "failureAddress": "<failure_notification_email_address>",
        "withdrawnAddress": "<skipped_launch_notification_email_address>",
        "launchRate": ""
    }
}
```

Error Response Examples

This section lists the common error responses when retrieving SMS campaign properties.

HTTPS status code 400 Bad Request

- **Invalid campaign type**: Requests fail if the campaign specified in the request is not a SMS campaign. The error resembles:

```
{
    "type": "",
    "title": "Invalid request parameters",
    "errorCode": "INVALID_PARAMETER",
    "detail": "Invalid Campaign Type.",
    "errorDetails": []
}
```

HTTPS status code 404 Not Found

- **Campaign not found**: If the campaign name specified cannot be found or is invalid, the error will resemble the following:

```
{
    "type": "",
    "title": "Campaign not found",
    "errorCode": "CAMPAIGN_NOT_FOUND",
    "detail": "Campaign not found",
    "errorDetails": []
}
```

Update SMS Campaign Properties

Use this interface to update an existing SMS campaign object.

The response returns the campaign object, which includes the campaign ID and its other properties (showing the new values for those updated per the request).

The `links` array contains the campaign object's related API operations, specific to the campaign name where applicable.

Request Method	Service URL
PUT	`/rest/api/sms/v1.3/campaigns/{campaign_name}`
Request Parameters	`None`
Request Headers	`Authorization:<auth_token>`
	`Content-Type:application/json`
Request Body – Required Properties	

We recommend that your client application create the request body as follows:

1. Use the **Get SMS Campaign Properties** API to obtain the campaign's current properties. Responsys users may have modified the campaign after it was created by the API, and therefore the properties might not match those returned in the Create SMS Campaign response body.

2. Copy the SMS campaign properties from the response body of the Get SMS Campaign Properties request, and then use the copy to create the request body for Update SMS Campaign:

   a. Modify the properties as needed for your updates, as needed.

   b. Leave the other properties in the request body, unmodified.

Request Body Example

```
{
  "generalInfo": {
    "folderName": "Folder_Name",
    "purpose": "Promotional",
    "description": "<description>",
    "marketingStrategy": "<strategy>",
    "marketingProgram": "<marketingProgram>",
    "template": "Custom",
    "assignedOrganizations": null
  },
  "dataSources": [
    {
      "folder": "Folder_Name",
      "type": "PROFILE_LIST",
      "alias": "<profile_list_alias_name>",
      "name": "<list_name>",
      "columns": [
        {
          "alias": "<column_alias_name>",
          "name": "<column_name>",
          "type": "<column_type>",
```

```
              "defaultValue": "<column_default_value>",
              "lookupKey": true
            }
          ],
          "lookupTable": true
        },
        {
          "folder": "Folder_Name",
          "type": "PROFILE_EXTENSION",
          "alias": "<profile_extension_alias_name>",
          "name": "<pet_name>",
          "columns": [
            {
              "alias": "<column_alias_name>",
              "name": "<column_name>",
              "type": "<column_type>",
              "defaultValue": "<column_default_value>",
              "lookupKey": true
            }
          ],
          "lookupTable": true
        }
      ],
      "messageInfo": {
        "codeCountries": [
          {
            "code": "<country_code>",
            "country": "<country_name>"
          }
        ],
        "outboundMessage": "<sample_outbound_message>",
        "resposeMessages": [
          {
            "keywords": [
              "<response_message_keywords>"
            ],
            "keywordType": "<keyword_type>",
            "message": "<keyword_message>"
          },
          {
            "keywords": [
              "<response_message_keywords>"
            ],
            "keywordType": "<keyword_type>",
            "message": "<keyword_message>"
          },
          {
            "keywords": [
              "<response_message_keywords>"
            ],
            "keywordType": "<keyword_type>",
            "message": "<keyword_message>"
          },
          {
            "keywords": [
              "<response_message_keywords>"
            ],
```

```
            "keywordType": "<keyword_type>",
            "message": "<keyword_message>"
        }
    ],
    "enableLinkTracking": false,
    "linkTablePath": "<link_table_path>"
  },
  "additionalInfo": {
    "externalTrackingParams": null,
    "campaignVariables": null,
    "initiationType": "Y",
    "externalTracking": "",
    "externalTrackingEnabled": false,
    "honorPermission": "false",
    "emailOptIn": true,
    "smsOptIn": false,
    "smsOptOutFromAllLists": false,
    "active": false
  },
  "launchOptions": {
    "progressAddress": "<progress_notification_email_address>",
    "skipAlertEnabled": false,
    "skipAlertPercent": 50,
    "sentAlertEnabled": false,
    "sentAlertPercent": 20,
    "startAlertEnabled": "false",
    "emptyAlertEnabled": "true",
    "failureAddress": "<failure_notification_email_address>",
    "withdrawnAddress": "<skipped_launch_notification_email_address>",
    "launchRate": ""
  }
}
```

Response Body Example

```
{
  "generalInfo": {
    "folderName": "Folder_Name",
    "purpose": "Promotional",
    "description": "<description>",
    "marketingStrategy": "<strategy>",
    "marketingProgram": "<marketingProgram>",
    "template": "Custom",
    "assignedOrganizations": null
  },
  "dataSources": [
    {
      "folder": "Folder_Name",
      "type": "PROFILE_LIST",
      "alias": "<profile_list_alias_name>",
      "name": "<list_name>",
      "columns": [
        {
          "alias": "<column_alias_name>",
          "name": "<column_name>",
          "type": "<column_type>",
          "defaultValue": "<column_default_value>",
          "lookupKey": true
```

```
      }
    ],
    "lookupTable": true
  },
  {
    "folder": "Folder_Name",
    "type": "PROFILE_EXTENSION",
    "alias": "<profile_extension_alias_name>",
    "name": "<pet_name>",
    "columns": [
      {
        "alias": "<column_alias_name>",
        "name": "<column_name>",
        "type": "<column_type>",
        "defaultValue": "<column_default_value>",
        "lookupKey": true
      }
    ],
    "lookupTable": true
  }
],
"messageInfo": {
  "codeCountries": [
    {
      "code": "<country_code>",
      "country": "<country_name>"
    }
  ],
  "outboundMessage": "<sample_outbound_message>",
  "resposeMessages": [
    {
      "keywords": [
        "<response_message_keywords>"
      ],
      "keywordType": "<keyword_type>",
      "message": "<keyword_message>"
    },
    {
      "keywords": [
        "<response_message_keywords>"
      ],
      "keywordType": "<keyword_type>",
      "message": "<keyword_message>"
    },
    {
      "keywords": [
        "<response_message_keywords>"
      ],
      "keywordType": "<keyword_type>",
      "message": "<keyword_message>"
    },
    {
      "keywords": [
        "<response_message_keywords>"
      ],
      "keywordType": "<keyword_type>",
      "message": "<keyword_message>"
```

```
        }
      ],
      "enableLinkTracking": false,
      "linkTablePath": "<link_table_path>"
    },
    "additionalInfo": {
      "externalTrackingParams": null,
      "campaignVariables": null,
      "initiationType": "Y",
      "externalTracking": "",
      "externalTrackingEnabled": false,
      "honorPermission": "false",
      "emailOptIn": true,
      "smsOptIn": false,
      "smsOptOutFromAllLists": false,
      "active": false
    },
    "launchOptions": {
      "progressAddress": "<progress_notification_email_address>",
      "skipAlertEnabled": false,
      "skipAlertPercent": 50,
      "sentAlertEnabled": false,
      "sentAlertPercent": 20,
      "startAlertEnabled": "false",
      "emptyAlertEnabled": "true",
      "failureAddress": "<failure_notification_email_address>",
      "withdrawnAddress": "<skipped_launch_notification_email_address>",
      "launchRate": ""
    }
  }
}
```

Delete SMS Campaign

Use this interface to delete an existing SMS Campaign object.

A successful response returns a 200 OK response. The response body will indicate the name of the campaign that was deleted.

Request Method	Service URL
DELETE	`/rest/api/sms/v1.3/campaigns/{campaignName}`
Request Parameters	None
Path Parameters	`campaignName` – The name of the SMS campaign to delete.
Request Headers	`Authorization:<auth_token>`
	`Content-Type:application/json`
Request Body – Required Properties	
Not applicable	
Request Body Example	
Not applicable	
Response Body Example	
{	

```
    "message": "Campaign [ SMS_Campaign_to_Delete ] deleted successfully",
    "status": true
}
```

Error Responses

This section lists the common error responses when deleting SMS campaigns.

HTTPS status code 400 Bad Request

- **Invalid campaign type**: Requests fail if the campaign specified in the request is not a SMS campaign. The error resembles:

```
{
    "type": "",
    "title": "Invalid request parameters",
    "errorCode": "INVALID_PARAMETER",
    "detail": "Invalid Campaign Type.",
    "errorDetails": []
}
```

HTTPS status code 404 Not Found

- **Campaign not found**: If the campaign name specified cannot be found or is invalid, the error will resemble the following:

```
{
    "type": "",
    "title": "Campaign not found",
    "errorCode": "CAMPAIGN_NOT_FOUND",
    "detail": "Campaign not found",
    "errorDetails": []
}
```

SMS Campaign object properties reference

Name	Type	Default Value	Description
generalInfo	List <String>		General information about the new campaign such as the folder where the campaign will be created.
folderName	String	null	Folder name for the campaign to be created.
purpose	String	null	Purpose of the campaign. Values include Promotional or Transactional.
description	String	null	Description of the campaign.
marketingStrategy	String	null	Type of marketing strategy. The values are defined by the Responsys Account Administrator.
marketingProgram	String	null	Type of marketing program. The values are defined by the Responsys Account Administrator.

NOTICE: Oracle Responsys Advanced REST API—These interfaces are only available to Internal Oracle Teams or Customers that have received Responsys Management approval.

Name	Type	Default Value	Description
template	String	`null`	**Required**. The SMS template type. Values include: `Broadcast`, `DirectAPINotification`, `SmsOptout`, `SmsOptIn`, `SmsNotification`, and `Custom`.
assignedOrganizations	List `<String>`	`null`	Applicable only for accounts with Organizational Access and Targeting by Organization. List of organizations for the campaign.

`dataSources`	List <String>	`null`	List of data sources that the SMS message references. Data sources include: Profile Lists, Profile Extensions, Supplemental Tables, and Dynamic Variables. For each data source you can supply the following details:
			• `path` – indicates where the data source is located in Responsys. Specify `path` by supplying the folder name, followed by the data source name. Example: `"path": "folderName/objectName"`
			• `alias` –an alias Responsys uses to identify the data source. Optional if creating or updating a campaign. If not specified, defaults to the data source name.
			• `fields` – array containing details about data source columns. Optional if creating or updating a campaign.
			o `name` – the name of the column.
			o `alias` – an alias Responsys uses to identify the column. Optional if creating or updating a campaign. If not specified, defaults to the column name.
			o `lookUpKey` – boolean value to determine whether or not the column is a lookup key. Defaults to false, if not specified for any column.
			• `type` – The data source type.
			`defaultValue` – the default value of the data source.

Name	Type	Default Value	Description
folder	String	`null`	The folder name where the data source is located in Responsys.
type	String	`null`	The data source type. Data sources include: Profile Lists (`PROFILE_LIST`), Profile Extensions (`PROFILE_EXTENSION`), Supplemental Tables (`SUPPLEMENTAL_TABLE`), and Dynamic Variables (`DYNAMIC_VARIABLE`).
alias	String	`null`	The alias Responsys uses to identify the data source. If not specified, defaults to the data source name.
name	String	`null`	Name of the data source.
columns	List \<String\>	`null`	List of data source columns. For each column you can specify: • `alias`: An alias Responsys uses to identify the column. If not specified, defaults to the column name. • `name`: The name of the column. • `type`: The column data type. Must be one of: `CHAR`, `VARCHAR2`, `NUMBER`, `DATE`, `TIMESTAMP`, `BLOG`, or `CLOB`. • `defaultValue`: The default value of the column. • `lookupKey`: Boolean value to determine whether or not the column is a lookup key. Defaults to false, if not specified for any column.
lookupTable	Boolean	`null`	Boolean value to determine whether or not the data source is a lookup table. Defaults to false, if not specified for any data source.

Name	Type	Default Value	Description
`messageInfo`	List <String>		The SMS campaign message details, including messages and message codes for the SMS campaign.

`codeCountries`	List <String>	`null`	**Required**. A list of `code` and `country` combinations to be used in the SMS campaign. At least one valid code must be provided. Refer to the online help to learn more about codes. For example:
			
			 `"codeCountries": [`
			 `    {`
			 `        "code": "28179",`
			 `        "country": "US"`
			 `    }`

`outboundMessage`	String	`null`	The message to initiate the campaign. Required only for market-initiated messages. Refer to the online help to learn more.

Name	Type	Default Value	Description

`resposeMessages`	List `<String>`	`null`	The response message is the message that is sent when you receive a keyword from your subscriber. Required only for subscriber-initiated messages. Refer to the [online help](#) to learn more. For each response message specify the following:
			
			• `keywords`: List of keywords to prompt a response message.
			
			• `keywordType`: The type of keyword. Values include: OPTIN(`OPTIN`), OPTOUT(`OPTOUT`), HELP(`HELP`), CUSTOM(`CUSTOM`), and INVALID(`INVALID`).
			
			• `message`: The response message to send to the subscriber.
			
			For example:
			`"resposeMessages": [`
			`  {`
			`    "keywords": ["out"],`
			`    "keywordType": "OPTOUT",`
			`    "message": "Optout"`
			`  }`

`enableLinkTracking`	Boolean		Boolean value to indicate whether link tracking is enabled.
`linkTablePath`	String		If link tracking is enabled, the file name of the link table.
`additionalInfo`	List `<String>`		Additional campaign metadata. At minimum, specifying `initiationType` is required.
`externalTrackingParams`	Map `<String, String>`	`null`	Name and value of external tracking parameters.
`campaignVariables`	Map `<String, String>`	`null`	Name and value of campaign variables which are used as default values for text replacement.

Name	Type	Default Value	Description
`initiationType`	String	`null`	**Required**. The initiation type of the SMS campaign. Values include: subscriber initiated (`Y`) or marketer initiated (`N`).
`externalTracking`	String	`null`	
`externalTrackingEnabled`	Boolean	`false`	Whether external tracking is enabled.
`honorPermission`	Boolean	`null`	
`emailOptIn`	Boolean	`false`	Applicable only to Email Acquisition campaigns. Whether to opt customers into the email channel.
`smsOptIn`	Boolean	`false`	Applicable only to Email Acquisition campaigns. Whether customers should be opted into mobile channel.
`smsOptOutFromAllLists`	Boolean	`false`	Whether customers should be opted out from all lists.
`active`	Boolean	`false`	Whether or not the campaign should be active.
`launchOptions`	List <String>		Details about how the SMS campaign will be launched. Refer to the online help to learn more about these options.
`progressAddress`	String	`null`	Email address to receive notifications about campaign launch progress.
`skipAlertEnabled`	Boolean	`false`	Applicable to marketer-initiated campaigns only. Whether or not to send email notifications for skipped messages. Notifications are sent when the specified percentage of messages are skipped (`skipAlertPercent`).
`skipAlertPercent`	Integer	`null`	Applicable to marketer-initiated campaigns only. The percentage of skipped messages that need to be skipped for an email notification.
`sentAlertEnabled`	Boolean	`false`	Applicable to marketer-initiated campaigns only. Whether or not to send email notifications for sent messages. Notifications are sent when the specified percentage of messages are skipped (`sentAlertPercent`).
`sentAlertPercent`	Integer	`null`	Applicable to marketer-initiated campaigns only. The percentage of sent messages that need to be sent for an email notification.

Name	Type	Default Value	Description
`startAlertEnabled`	Boolean	`false`	Applicable to marketer-initiated campaigns only. Whether or not to send a notification when the campaign is launched.
`emptyAlertEnabled`	Boolean	`false`	Applicable to marketer-initiated campaigns only. Whether or not to send a notification for an empty launch.
`failureAddress`	String	`null`	Email address to send launch failure notifications. The email contains information that identifies the campaign and program.
`withdrawnAddress`	String	`null`	Email address to send launch withdrawn notifications.
`launchRate`	String	`null`	The campaign launch throttle rate. Refer to the online help to learn more.

CONNECT ENDPOINT

For the Oracle Responsys 18C Update, we have added the Trigger Connect Job endpoint.

Trigger Connect Job

Use this interface to trigger an existing Connect job.

- You can use this interface to trigger the following standard Connect jobs (where Status is "Active"):

    o Import jobs – for importing data into Profile Lists, Profile Extension Tables (PET), Supplemental Data tables

    o Export jobs – for exporting Profile Lists, Audiences, App channel lists, List filters, Profile extension table data, Supplemental table data

- This interface *does not* support triggering the following types of jobs:

    o Partner integration jobs, such as Coremetrics, Salesforce, or Omniture jobs

    o Event Feed jobs

    o Job group, inactive jobs, or jobs that are already running

Before you begin: An Oracle Responsys user must have created the Connect job, and you must get the Job ID by logging in and viewing it in Connect or by using the Advanced SOAP API's Connect calls (the documentation for these calls is available from Oracle Responsys by Responsys Management approval only). If you do not have access to Oracle Responsys, please contact the Responsys Account Administrator for assistance.

Request Method	Service URL

PUT	`/rest/api/v1.3/connectJobs/{JobId}/trigger`
Path Parameters	`JobId` – Job ID of the existing Connect job that you want to trigger. See "Before you begin" (above) for information about how to look up the Job ID in Oracle Responsys.
Request Headers	`Authorization:<auth_token>`
	`Content-Type:application/json`

Request Body – Required Properties

Not applicable

Request Body Example

Not applicable

Response Body – Successful Response

When the system has successfully received the API request that triggers a Connect job, it will return a successful HTTPS status code of `200 OK`. The response body contains the following properties:

`jobRunId` - an identifier for the instance of the Connect job that your request triggered

`errorMessage` – null for a job that was received and started successfully

`success` – Boolean value indicating whether or not the job was received and started successfully

Response Body Example

```
{
  "jobRunId": 30875907,
  "errorMessage": "",
  "success": true
}
```

Response Body - Error Responses

If a REST API request fails, the system returns the following error information instead of the response described in previous sections. The format and description of the error codes are shown below.

```
{
        "type" : <JSON_SCHEMA_LINK_FOR_THIS_ERROR_FOR_FUTURE_USE>,
        "title" : <ERROR_TITLE>,
        "errorCode" : <ERROR_CODE>,
        "detail" : <DETAIL_MESSAGE>,
        "errorDetails" : <FOR_FUTURE_USE>
    }
```

Error Response Examples

This section lists the common error responses for Trigger Connect Job, grouped by HTTPS status codes.

HTTPS status code 400 Bad Request

- **Inactive Connect job error**: Trigger Connect Job fails for inactive Connect jobs. The error response will resemble the following:

```
{
  "type": "",
  "title": "Connect job not active",
  "errorCode": "CONNECT_JOB_INACTIVE",
  "detail": "Connect Job status is Inactive and can't be run",
  "errorDetails": []
```

```
     }
```

- **Job already running error**: If a job is already running, a Trigger Connect Job request will fail. The error response will resemble the following:

```
{
  "type": "",
  "title": "Connect job already running",
  "errorCode": "CONNECT_JOB_ALREADY_RUNNING",
  "detail": "This Connect Job is already running",
 "errorDetails": []
}
```

- **Unsupported character (such as an alphabetic character) in the Job ID**: Job IDs are always numeric values. Trigger Connect Job fails if the Job ID contains alphabetic or other unsupported characters. The error response will resemble the following:

```
{
  "type":"",
  "title":"Invalid request parameters",
  "errorCode":"INVALID_PARAMETER",
  "detail":"Job Id should be a numeric value.",
  "errorDetails":[]
}
```

- **Event Feed job error**: The API does not support event feed export jobs. Triger Connect Job fails for these job types. The error response will resemble the following:

```
{
  "type":"",
  "title":"Can not run connect job",
  "errorCode":"CANNOT_RUN_CONNECT_JOB",
  "detail":"Cannot run job on a Event Feed Connect Job",
  "errorDetails":[]
}
```

- **Group job error**: The API does not support group jobs. Triger Connect Job fails if you try to trigger the running of a group job. The error response will resemble the following:

```
{
  "type":"",
  "title":"Can not run connect job",
  "errorCode":"CANNOT_RUN_CONNECT_JOB",
  "detail":"Cannot run a job that is part of a group",
  "errorDetails":[]
}
```

HTTPS status code 404 Not Found

- **Invalid Job ID error**: If the request contains an invalid Job ID, the Trigger Connect Job request will fail. The error response will resemble the following:

```
{
  "type": "",
  "title": "Connect job not found",
  "errorCode": "CONNECT_JOB_NOT_FOUND",
  "detail": "Connect Job not found for jobId : 1", // value of job ID
sent
```

```
    "errorDetails": []
  }
```

HTTPS status code 500 Internal Server Error

- **Partner integration job errors**: The API does not support partner integration jobs, such as Salesforce, Coremetrics, Omniture, and the like. Trigger Connect Job fails for these job types. The error responses will resemble the following:

  Omniture job error
  ```
  {
    "type": "",
    "title": "Can not run connect job",
    "errorCode": "CANNOT_RUN_CONNECT_JOB",
    "detail": "Cannot run job on a Omniture Genesis Job",
    "errorDetails": []
  }
  ```

  Salesforce job error
  ```
  {
    "type": "",
    "title": "Can not run connect job",
    "errorCode": "CANNOT_RUN_CONNECT_JOB",
    "detail": "Cannot run job on a Salesforce.com Job",
    "errorDetails": []
  }
  ```

  Coremetrics job error
  ```
  {
    "type": "",
    "title": "Can not run connect job",
    "errorCode": "CANNOT_RUN_CONNECT_JOB",
    "detail": "Cannot run job on a Coremetrics Job",
    "errorDetails": []
  }
  ```

CAMPAIGN APPROVALS ENDPOINTS

For the Oracle Responsys 19A Update, we have added Campaign Approvals API endpoints. The Campaign Approval Advanced API enables users to:

- Get the campaign approval status for an Email Message Designer (EMD) Email campaign
- Get a list of EMD Email campaigns filtered by approval status
- Update the campaign approval status of an EMD Email campaign

IMPORTANT NOTES:

- Only Email Message Designer (EMD) Email campaigns are currently supported using these endpoints.
- Invoking the approval APIs will change the approval status of the campaign. However, no tasks will be created in the Responsys user interface, and no email notifications are sent. The status of the campaign should therefore either be managed through the Responsys user interface or through the API, but not both.

Get Campaign Approval Status

Use this interface to retrieve the approval status for a campaign, specified by campaign name.

Request Method	Service URL

GET	/rest/api/v1.3/approval/campaigns/{campaignName}
Path Parameters	campaignName – Name of the campaign to retrieve.
Request Headers	Authorization:<*auth_token*>
	Content-Type:application/json

Request Body – Required Properties

Not applicable

Request Body Example

Not applicable

Response Body Example

```
{
  "approvalStatus": "APPROVED",
  "campaignName": "Campaign_trigger_program",
  "campaignType": "EMAIL",
  "printableLink":
"https://interact5.responsys.net/emd/c/campaigndesigner/email/request/printa
bleview?campaignId=1865801",
  "links": [
    {
      "rel": "self",
      "href": "/rest/api/v1.3/approval/campaigns/Campaign_trigger_program",
      "method": "GET"
    },
    {
      "rel": "setCampaignApprovalStatus",
      "href": "/rest/api/v1.3/approval/campaigns/Campaign_trigger_program",
      "method": "PUT"
    },
    {
      "rel": "getAllCampaignsApprovalStatus",
      "href": "/rest/api/v1.3/approval/campaigns",
      "method": "GET"
    }
  ]
}
```

Error Response Examples

This section lists the common error responses.

HTTPS status code 404 Not Found

- **Campaign not found error**: If the campaign cannot be found, the error response will resemble the following:

  ```
  {
    "type": "",
    "title": "Campaign not found",
    "errorCode": "CAMPAIGN_NOT_FOUND",
    "detail": "Campaign [<campaignName>] not found",
    "errorDetails": []
  }
  ```

Get All Campaign Approvals

Use this interface to retrieve campaign approvals. You can query specific campaign approval statuses.

Request Method	Service URL
GET	`/rest/api/v1.3/approval/campaigns`
Query Parameters	`status` – Campaign approval status. Possible values include: `NEEDS_APPROVAL`, `APPROVED`, `REJECTED`, `APPROVAL_NOT_REQUIRED`.
Request Headers	`Authorization:<auth_token>`
	`Content-Type:application/json`

Request Body – Required Properties
Not applicable

Request Body Example
Not applicable

Response Body Example

```
{
  "campaigns": [
    {
      "approvalStatus": "APPROVED",
      "campaignName": "Campaign_trigger_program",
      "campaignType": "Email",
      "printableLink":
"https://interact5.responsys.net/emd/c/campaigndesigner/email/request/printab
leview?campaignId=1865801"
    },
    {
      "approvalStatus": "APPROVED",
      "campaignName": "ScheduleIssue",
      "campaignType": "Email",
      "printableLink":
"https://interact5.responsys.net/emd/c/campaigndesigner/email/request/printab
leview?campaignId=160227341"
    }
  ],
  "links": [
    {
      "rel": "self",
      "href": "/rest/api/v1.3/approval/campaigns?status=APPROVED",
      "method": "GET"
    },
```

```
    {

      "rel": "setCampaignApprovalStatus",

      "href": "/rest/api/v1.3/approval/campaigns/<campaignName>",

      "method": "PUT"

    },

    {

      "rel": "getCampaignApprovalStatus",

      "href": "/rest/api/v1.3/approval/campaigns/<campaignName>",

      "method": "GET"

    }

  ]

}
```

Update the Campaign Approval Status of a Campaign

Use this interface to update the campaign approval status of a campaign.

Request Method	Service URL
PUT	/rest/api/v1.3/approval/campaigns/{campaignName}
Path Parameters	campaignName – Name of the campaign to update.
Request Headers	Authorization:<auth_token>
	Content-Type:application/json

Request Body – Required Properties

approvalStatus – The campaign approval status to change.

Possible values include: NEEDS_APPROVAL, APPROVED, REJECTED, APPROVAL_NOT_REQUIRED.

Request Body Example

```
{

   "approvalStatus": NEEDS_APPROVAL"

}
```

Response Body – Successful Response

```
{

    "approvalStatus": "NEEDS_APPROVAL",

    "campaignName": "Campaign_trigger_program",

    "campaignType": "EMAIL",

    "printableLink":
"https://interact.eng1.responsys.net/emd/c/campaigndesigner/email/request/pr
intableview?campaignId=1865801",

    "links": [

        {
```

```
            "rel": "self",

            "href":
"/rest/api/v1.3/approval/campaigns/Campaign_trigger_program",

            "method": "PUT"

        },
        {

            "rel": "getCampaignApprovalStatus",

            "href":
"/rest/api/v1.3/approval/campaigns/Campaign_trigger_program",

            "method": "GET"

        },
        {

            "rel": "getAllCampaignsApprovalStatus",

            "href": "/rest/api/v1.3/approval/campaigns",

            "method": "GET"

        }

    ]

}
```

Error Response Examples

This section lists the common error responses for this request, grouped by HTTPS status codes.

HTTPS status code 401 Unauthorized

- **Campaign approvals disabled for account**: This request will fail if the user does not have the Campaign approvals feature enabled. The error response will resemble the following:

```
{
  "type": "",
  "title": "API disabled for user ",
  "errorCode": "UNAUTHORIZED",
  "detail": "Campaign Approval is not enabled for this account",
  "errorDetails": []
}
```

HTTPS status code 404 Not Found

- **Campaign not found**: If the request contains an invalid campaign name. The error response will resemble the following:

```
{
  "type": "",
  "title": "Campaign not found",
  "errorCode": "CAMPAIGN_NOT_FOUND",
  "detail": "Campaign [<campaignName>] not found",
 "errorDetails": []
}
```

HTTPS status code 400 Bad Request

- **Invalid campaign type**: The Campaign Approvals API currently only supports EMD Campaigns. If a non EMD campaign is selected, the error response will resemble the following:

```
{
  "type": "",
  "title": "Invalid Campaign Type",
  "errorCode": "INVALID_CAMPAIGN_TYPE",
  "detail": "This Api is supported only for EMD Campaigns",
  "errorDetails": []
}
```

- **Invalid approval state**: If an invalid campaign approval state is supplied, the error response will resemble the following:

```
{
  "type": "",
  "title": "Invalid Campaign Approval State",
  "errorCode": "INVALID_CAMPAIGN_APPROVAL_STATE",
  "detail": "Campaign Approval State [<campaignApprovalSate>] is not
valid ",
  "errorDetails": []
}
```

- **Request for approval for a campaign in pending approval state**: If a campaign approval request has already been sent for a campaign, the error response will resemble the following:

```
{
  "type": "",
  "title": "Invalid Campaign Approval workflow State",
  "errorCode": "INVALID_CAMPAIGN_APPROVAL_WORKFLOW_STATE",
  "detail": "An approval request for the EMD email campaign
{campaignName} has already been created",
  "errorDetails": []
}
```

CLOUD MESSAGE CENTER API ENDPOINT

For the Oracle Responsys 19A Update, we have added a Cloud Message Center API endpoint. This endpoint enables you to retrieve messages for a logged in / known user's Message Center. Some of the key benefits include:

- After implementing a Message Center within mobile apps and websites. End users can access the app or website to view messages in the Message Center.
- Programmatically use the API to display a consistent view of Message Center messages to your users on your mobile apps or website.

IMPORTANT NOTES:

- The Campaign Web Services Manager role in Responsys is required.

Get Message Center Messages

Use this interface to retrieve message center messages for the specified app and user.

Request Method	Service URL
GET	/rest/api/v1.3/messageCenter/apps/{appId}/users/{userId}/messages?inboxName={exampleInbox}&modifiedSince={dateTime}

Path Parameters	`appId` – The Responsys App ID for the app. Also known as "RI App ID". You can locate your App ID in your Responsys account in two locations: by navigating to the **Mobile App Console** or navigating to **Account** > **Manage Mobile App Configurations**. Must be an integer.
	`userId` – Unique identifier of the user for which you want to retrieve messages.
Query Parameters	`inboxName` – Name of the Message Center to retrieve messages from. If not provided, the Primary Message Center will be used.
	`modifiedSince` – The date and time of the last successful message retrieval. Expressed as an ISO 8601 timestamp.
Request Headers	`Authorization:<auth_token>`
	`Content-Type:application/json`

Request Body – Required Properties

Not applicable

Request Example

```
GET
/rest/api/v1.3/messageCenter/apps/1/users/api.user@oracle.com/messages?inbox
Name=inbox1&modifiedSince=2019-01-08T10:07:29Z
```

Response Body Example

```
{
  "next_req_time": "2019-02-05T07:48:29Z",
  "messages": [
    {
      "subject": "inbox- So",
      "message": "Responsys universal link",
      "id": "ABEoKJcNg50lQO2ofvaWHSCQ-B1n2s5hfBN_1olgKrbtoyKJp25Ybmm-kKdUo",
      "icon_url": "",
      "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
      "richmessage_url": "null",
      "deeplink_url": "null",
      "sent_ts": "2019-02-04T10:06:00Z",
      "message_center_name": "inbox1",
      "form_link": "https://api.pushio.com/v2/null/cl/ABEmrRKC0JnnFqR7hQlS-
wGuE?messageId=ABEoKJcNg50lQO2ofvaWHSCQ-B1n2s5hfBN_1olgKrbtoyKJp25Ybmm-
kKdUo",
      "expiry_datetime": "2019-02-11T10:06:00Z",
      "user_id": "api.user@oracle.com",
      "expiry_ts": "2024-04-25T19:12:00Z",
      "richmessage_html": ""
    },
    {
      "subject": "inbox- So",
      "message": "Responsys universal link",
      "id": "ABEmfugnqh4x8KV0WBZoDaA0vcFYcZiMnH9GiX9Phm7_5Sf1pRqGcjefBjPOY",
      "icon_url": "",
      "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
      "richmessage_url": "null",
      "deeplink_url": "null",
      "sent_ts": "2019-02-04T10:04:19Z",
      "message_center_name": "Primary",
```

```
      "form_link": "https://api.pushio.com/v2/null/cl/ABEmrRKC0JnnFqR7hQlS-
 wGuE?messageId=ABEmfugnqh4x8KV0WBZoDaA0vcFYcZiMnH9GiX9Phm7_5Sf1pRqGcjefBjPOY
 ",
      "expiry_datetime": "2019-02-11T10:04:19Z",
      "user_id": "api.user@oracle.com",
      "expiry_ts": "2024-04-25T19:12:00Z",
      "richmessage_html": ""
    },
    {
      "subject": "inbox- So",
      "message": "Responsys universal link",
      "id": "ABEmk2NMpqU9s1wrITi579HsQAChmM6AoqxssSEE7RAE303LP6jALRolFN9xE",
      "icon_url": "",
      "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
      "richmessage_url": "null",
      "deeplink_url": "null",
      "sent_ts": "2019-02-04T10:02:41Z",
      "message_center_name": "inbox1",
      "form_link": "https://api.pushio.com/v2/null/cl/ABEmrRKC0JnnFqR7hQlS-
 wGuE?messageId=ABEmk2NMpqU9s1wrITi579HsQAChmM6AoqxssSEE7RAE303LP6jALRolFN9xE
 ",
      "expiry_datetime": "2019-02-11T10:02:41Z",
      "user_id": "api.user@oracle.com",
      "expiry_ts": "2024-04-25T19:12:00Z",
      "richmessage_html": ""
    },
    {
      "subject": "inbox- So",
      "message": "Responsys universal link",
      "id": "ABEjoVKAqz6_faSk8CBeCAJQ_lRk5RQQV02KZ5nvfp5oNc1cYRb4oq-wC61IM",
      "icon_url": "",
      "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
      "richmessage_url": "null",
      "deeplink_url": "null",
      "sent_ts": "2019-02-04T10:01:29Z",
      "message_center_name": "inbox1",
      "form_link": "https://api.pushio.com/v2/null/cl/ABEmrRKC0JnnFqR7hQlS-
 wGuE?messageId=ABEjoVKAqz6_faSk8CBeCAJQ_lRk5RQQV02KZ5nvfp5oNc1cYRb4oq-
 wC61IM",
      "expiry_datetime": "2019-02-11T10:01:29Z",
      "user_id": "api.user@oracle.com",
      "expiry_ts": "2024-04-25T19:12:00Z",
      "richmessage_html": ""
    },
    {
      "subject": "this message is for deviceID 4",
      "message": "testing device ID inbox messages",
      "id": "ABEvNrlJZ6YnLSjvj2SZw6JvXo6We1qtDnINW65NAz5KtL0UpgiRxXliuugyI",
      "icon_url": "",
      "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
      "richmessage_url": "null",
      "deeplink_url": "null",
      "sent_ts": "2019-02-01T06:13:57Z",
      "message_center_name": "inbox1",
      "form_link": "",
      "expiry_datetime": "2019-02-08T06:13:57Z",
      "user_id": "api.user@oracle.com",
```

```
      "expiry_ts": "",
      "richmessage_html": ""
    },
    {
      "subject": "Inbox",
      "message": "test test",
      "id":
"ABEskoDz4To0NZGhphOTNQo8phJrYRPmFOgSZRdTWCtRNLUnt9jALlOHVpQchb",
      "icon_url": "",
      "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
      "richmessage_url": "null",
      "deeplink_url": "null",
      "sent_ts": "2019-01-31T09:15:52Z",
      "message_center_name": "inbox1",
      "form_link": "",
      "expiry_datetime": "2019-02-07T09:15:52Z",
      "user_id": "api.user@oracle.com",
      "expiry_ts": "",
      "richmessage_html": ""
    },
    {
      "subject": "Inbox",
      "message": "test test",
      "id":
"ABEt8wwuOM7MOcMtwlTvKopsNDlONBZJ_3nqMDi1VKBbm5KFZmectO7EEl0kqC",
      "icon_url": "",
      "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
      "richmessage_url": "null",
      "deeplink_url": "null",
      "sent_ts": "2019-01-31T09:08:32Z",
      "message_center_name": "inbox1",
      "form_link": "",
      "expiry_datetime": "2019-02-07T09:08:32Z",
      "user_id": "api.user@oracle.com",
      "expiry_ts": "",
      "richmessage_html": ""
    },
    {
      "subject": "6.40 User Message 2",
      "message": "Regression test : user messages",
      "id": "ABEvOYnZRg8AvFsKGy-P2aiPFpkax6RXhFjy1HkOQ6yZ4db0B2p9yUD6neKQ4",
      "icon_url": "",
      "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
      "richmessage_url": "null",
      "deeplink_url": "null",
      "sent_ts": "2019-01-30T02:14:00Z",
      "message_center_name": "inbox1",
      "form_link": "",
      "expiry_datetime": "2019-02-06T02:14:00Z",
      "user_id": "api.user@oracle.com",
      "expiry_ts": "",
      "richmessage_html": ""
    },
    {
      "subject": "6.40 User Message 2",
      "message": "Regression test : user messages",
      "id": "ABEtGIR7LpbRrU3deYJdcrEGZjeEx9Vy139BHdyXQZiz13cAbvLTc5Fp0zFTU",
```

```
        "icon_url": "",
        "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
        "richmessage_url": "null",
        "deeplink_url": "null",
        "sent_ts": "2019-01-28T06:58:26Z",
        "message_center_name": "inbox1",
        "form_link": "",
        "expiry_datetime": "2019-02-04T06:58:26Z",
        "user_id": "api.user@oracle.com",
        "expiry_ts": "",
        "richmessage_html": ""
      },
      {
        "subject": "6.40 User Message 2",
        "message": "Regression test : user messages",
        "id": "ABEoK9xK5_Y6Em3PuGDBAFtN7g_4fTklJAwKmwLD41hWyr9EZM9Orob42GTpY",
        "icon_url": "",
        "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
        "richmessage_url": "null",
        "deeplink_url": "null",
        "sent_ts": "2019-01-28T06:54:59Z",
        "message_center_name": "inbox1",
        "form_link": "",
        "expiry_datetime": "2019-02-04T06:54:59Z",
        "user_id": "api.user@oracle.com",
        "expiry_ts": "",
        "richmessage_html": ""
      },
      {
        "subject": "User ID Message",
        "message": "User ID Messages",
        "id": "ABEnJisXQ-
 Naj1Sr_DDzgNcOJya3tVQDOdP8bjmqcWQrW093vArOdJZUtIjiGP",
        "icon_url": "",
        "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
        "richmessage_url": "null",
        "deeplink_url": "null",
        "sent_ts": "2019-01-28T06:42:16Z",
        "message_center_name": "inbox1",
        "form_link": "",
        "expiry_datetime": "2019-02-04T06:42:16Z",
        "user_id": "api.user@oracle.com",
        "expiry_ts": "",
        "richmessage_html": ""
      },
      {
        "subject": "User ID Message",
        "message": "User ID Messages",
        "id": "ABEq-4ltqz-CmNOw6uMd-3DNlwyA5brdu8p6ATAyGs-
 2ALVnZlIOXVwwpzdNE5",
        "icon_url": "",
        "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
        "richmessage_url": "null",
        "deeplink_url": "null",
        "sent_ts": "2019-01-28T06:32:42Z",
        "message_center_name": "inbox1",
        "form_link": "",
```

```
            "expiry_datetime": "2019-02-04T06:32:42Z",
            "user_id": "api.user@oracle.com",
            "expiry_ts": "",
            "richmessage_html": ""
        },
        {
            "subject": "User ID Message",
            "message": "User ID Messages",
            "id":
 "ABEpB1CM0D5lmR2LWJ6miKoXPbRPaVS0HWxYm_KGWwD5oFq1Ohu3xN9GQZQ97S",
            "icon_url": "",
            "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
            "richmessage_url": "null",
            "deeplink_url": "null",
            "sent_ts": "2019-01-28T06:30:10Z",
            "message_center_name": "inbox1",
            "form_link": "",
            "expiry_datetime": "2019-02-04T06:30:10Z",
            "user_id": "api.user@oracle.com",
            "expiry_ts": "",
            "richmessage_html": ""
        },
        {
            "subject": "Device ID Message",
            "message": "Device ID Messages",
            "id":
 "ABEoZYHIKB6wf3qMi6Q8FrPkYwHq_OKAvd0hn8Zy1x9vKXXKNBojeLdGMpWDR8",
            "icon_url": "",
            "device_id": "D4EDFAFF-8DC4-4800-9BC8-3BFBB9696276",
            "richmessage_url": "null",
            "deeplink_url": "null",
            "sent_ts": "2019-01-28T06:23:38Z",
            "message_center_name": "inbox1",
            "form_link": "",
            "expiry_datetime": "2019-02-04T06:23:38Z",
            "user_id": "api.user@oracle.com",
            "expiry_ts": "",
            "richmessage_html": ""
        }
    ],
    "links": [
        {
            "rel": "self",
            "href":
 "/rest/api/v1.3/messageCenter/apps/1/users/api.user@oracle.com/messages
?inboxName=inbox1&modifiedSince=2019-01-08T10:07:29Z",
            "method": "GET"
        }
    ]
}
```

Error Response Examples

This section lists the common error responses for the Cloud Message Center API.

HTTPS status code 400 Bad Request

- **App ID is not a valid number**: Requests fail if the App ID supplied is not a valid number. The error resembles:

```
{
  "type": "",
  "title": "Invalid request parameters",
  "errorCode": "INVALID_PARAMETER",
  "detail": "APP ID is not a valid number",
  "errorDetails": []
}
```

- **Invalid modifiedSince date format**: Requests fail if the `modifiedSince` date format is not an ISO 8601 timestamp:

```
{
  "type": "",
  "title": "Invalid request parameters",
  "errorCode": "INVALID_PARAMETER",
  "detail": "The modifiedSince Timestamp is invalid. Please provide
the modifiedSince Timestamp as an ISO8601 Timestamp value. ",
  "errorDetails": []
}
```

- **App ID does not exist**: Requests fail if the App ID supplied in the request does not exist. The error resembles:

```
{
  "type":"",
  "title":"Message Center Exception",
  "errorCode":"MESSAGE_CENTER_EXCEPTION",
  "detail":"There is no such Application ID",
  "errorDetails":[]
}
```

- **Inbox name does not exist**: Requests will fail if the `inboxName` does not match a Message Center for the application provided. The error response will resemble the following:

```
{
  "type":"",
  "title":"Message Center Exception",
  "errorCode":"MESSAGE_CENTER_EXCEPTION",
  "detail":"There is no such named Message Center for this
Application",
  "errorDetails":[]
}
```

- **Error communicating with Push API**: If there's an error communicating with the Push API, the error response will resemble the following:

```
{
  "type":"",
  "title":"Message Center Exception",
  "errorCode":"MESSAGE_CENTER_EXCEPTION",
  "detail":"Could not fetch data",
  "errorDetails":[]
}
```

Message object properties reference

Name	Type	Description
`subject`	String	Subject of the message.
`message`	String	Name of the message.
`id`	String	Unique identifier of the message.
`icon_url`	String	URL location for the message's icon.
`device_id`	String	Unique identifier for the device.
`richmessage_url`	String	URL location for rich message content.
`deeplink_url`	String	URL location for deep link content.
`sent_ts`	String	Date and time when the message was sent, expressed as an ISO 8601 timestamp.
`message_center_name`	String	Name of the Message Center for the message. Defaults to `Primary` if not specified.
`form_link`	String	URL location for forms.
`expiry_datetime`	String	Date and time when the message expires, expressed as an ISO 8601 timestamp.
`user_id`	String	Unique identifier of the user specified in the query parameters.
`expiry_ts`	String	Date and time when the message expires, expressed as an ISO 8601 timestamp.
`richmessage_html`	String	Rich message HTML content.

LINK TABLES API ENDPOINTS

For the Oracle Responsys 20A Update, we have added Link Tables API endpoints. The Link Tables API endpoints enable users to:

- Programmatically manage link table objects in Responsys
- Easily update, retrieve, or delete link table records using API endpoints

Create Link Table

Use this endpoint to create a new link table object within an existing folder.

The link table name is specified in the request URI. In the request body, you can specify a description for the new link table. Use the Merge Link Table Records to merge link records into the new link table.

Request Method	Service URL
POST	`/rest/api/v1.3/folders/{folderName}/linkTables/{linkTableName}`
Path Parameters	`folderName` – The name of the folder in Responsys where you want to create the link table.
	`linkTableName` – The link table name to be created.
Request Headers	`Authorization:<auth_token>`
	`Content-Type:application/json`

Request Body – Required Properties

`description` – A description of the link table.

Request Example

```
POST /rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table
{
   "description": "New Link Table"
}
```

Response Body Example

```
{
   "message": "Link Table has been created",
   "status": true,
   "links": [
     {
       "rel": "self",
       "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table",
       "method": "POST"
     },
     {
       "rel": "deleteLinkTable",
       "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table",
       "method": "DELETE"
     },
     {
       "rel": "mergeLinkRecords",
       "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table/members",
       "method": "POST"
     },
     {
       "rel": "deleteLinkRecords",
       "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table/members",
       "method": "DELETE"
     }
   ]
}
```

Error Responses

This section lists the common error responses when creating link tables.

HTTPS status code 400 Bad Request

- **Link table already exists with the same name**: Requests fail if a link table with the supplied name already exists. The error resembles:

```
{
  "type": "",
  "title": "Table already exists",
  "errorCode": "TABLE_ALREADY_EXISTS",
  "detail": "Link Table Already exists with the same name",
  "errorDetails": [

  ]
}
```

- **Link table name is not valid**: Requests fail if the link table name contains an unsupported character. Supported characters are: **A-Z a-z 0-9 space ! - = @ _ [ ] { }**:

```
{
  "type": "",
  "title": "Invalid link table name",
  "errorCode": "INVALID_TABLE_NAME",
  "detail": "The link table name is not valid",
  "errorDetails": [

  ]
}
```

- **Request payload is invalid**: Requests fail if the request payload is missing or invalid. The error resembles:

```
{
  "type": "",
  "title": "Invalid request parameters",
  "errorCode": "INVALID_PARAMETER",
  "detail": "Request payload is invalid",
  "errorDetails": [

  ]
}
```

- **The length of the link table description is invalid. Maximum allowed length is 1000**: Requests will fail if the `description` is longer than 1000 characters. The error response will resemble the following:

```
{
  "type": "",
  "title": "Invalid description",
  "errorCode": "INVALID_DESCRIPTION",
  "detail": "The length of the link table description is invalid.
Maximum allowed length is 1000",
  "errorDetails": []
}
```

- **The length of the link table name is invalid. Maximum allowed length is 100**: Requests will fail if the `linkTableName` is longer than 100 characters. The error response will resemble the following:

```
{
  "type": "",
  "title": "Invalid link table name",
  "errorCode": "INVALID_TABLE_NAME",
```

```
      "detail": "The length of the link table name is invalid. Maximum
    allowed length is 100",
      "errorDetails": []
    }
```

HTTPS status code 404 Not Found

- **The folder name is not found**: If the folder name is missing or invalid the error will resemble the following:

```
{
  "type": "",
  "title": "Folder not found",
  "errorCode": "FOLDER_NOT_FOUND",
  "detail": "The Folder name is not found",
  "errorDetails": []
}
```

- **The folder name or link table name is not included in the Request URL**: If the folder name or link table name is not included in the request URL, a 404 Not Found error will appear.

Delete Link Table

This endpoint deletes an existing link table object, specified by link table name.

Request Method	Service URL
DELETE	/rest/api/v1.3/folders/{folderName}/linkTables/{linkTableName}
Path Parameters	folderName – The folder name that contains the link table to delete.
	linkTableName – The link table name to delete.
Request Headers	Authorization:<*auth_token*>
	Content-Type:application/json
Request Body – Required Properties	
Not applicable	
Request Example	
DELETE /rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table	
Response Body Example	

```
{
  "message": "Link Table has been deleted",
  "status": true,
  "links": [
    {
      "rel": "self",
      "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table",
      "method": "DELETE"
    },
    {
      "rel": "createLinkTable",
      "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table",
      "method": "POST"
```

```
      },
      {
        "rel": "mergeLinkRecords",
        "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table/members",
        "method": "POST"
      },
      {
        "rel": "deleteLinkRecords",
        "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table/members",
        "method": "DELETE"
      }
    ]
}
```

Error Response Examples

This section lists the common error responses when deleting link tables.

- **Invalid link table name**: Requests fail if the link table name contains a supported character. Supported characters are: **A-Z a-z 0-9 space ! - = @ _ [ ] { }**. The error resembles:
  ```
  {
    "type": "",
    "title": "Invalid link table name ",
    "errorCode": "INVALID_TABLE_NAME",
    "detail": "The link table name is not valid",
    "errorDetails": []
  }
  ```
- **API limit exceeded**: When the client application exceeds the throttling limit for this API, a 401 Unauthorized error is returned with the following error response body. Refer to Get Throttling Limits to learn more. Error resembles:
  ```
  {
    "type": "",
    "title": "",
    "errorCode": "API_LIMIT_EXCEEDED ",
    "detail": "",
    "errorDetails": []
  }
  ```
- **Folder name is not found**: Requests fail if the folder name specified cannot be found. The error resembles:
  ```
  {
    "type": "",
    "title": "Folder not found",
    "errorCode": "FOLDER_NOT_FOUND ",
    "detail": "The Folder name is not found",
    "errorDetails": []
  }
  ```
- **Link Table not found**: Requests fail if the specified link table name can't be found in Responsys. The error resembles:
  ```
  {
    "type": "",
    "title": "Link Table not found",
    "errorCode": "LINK_TABLE_NOT_FOUND",
    "detail": "The Link Table is not found",
    "errorDetails": []
  ```

```
      }
```
  • **Unexpected Exception**: Requests may fail if there are issues with the database. These are rare occurrences. If this happens, retry the request. The error resembles:
```
{
  "type": "",
  "title": "Unexpected exception",
  "errorCode": "UNEXPECTED_EXCEPTION",
  "detail": "Unexpected exception",
  "errorDetails": []
}
```

Delete Link Table Records

Use this interface to delete link records within a link table by specifying the `linkNames` to delete. Up to 10 `linkNames` can be deleted per request.

Request Method	Service URL
DELETE	`/rest/api/v1.3/folders/{folderName}/linkTables/{linkTableName}/members`

Path Parameters	`folderName` – The folder name containing the link table from which records are to be deleted.
	`linkTableName` – Link table name containing the link records to delete.
Request Headers	`Authorization:<auth_token>`
	`Content-Type:application/json`

Request Body – Required Properties

`deleteType` – Specifies the method to delete link records. Must be set to `selected`.

`linkNames` – Link Record Names to be deleted (maximum 10 link record names can be specified for deletion). Only the link record names specified in the request will be deleted from the link table.

Request Example

```
DELETE /rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table/members
{
  "deleteType": "selected",
  "linkNames": [
    "link_name_to_delete"
  ]
}
```

Response Body Example

```
{
  "result": "SUCCESS",
  "errorCode": null,
  "errorMsg": null,
  "deleteResults": [
    {
      "name": "link_name_to_delete",
      "success": true,
      "exceptionCode": null,
      "errorMessage": null
    }
```

```
    ],
    "links": [
        {
            "rel": "self",
            "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table/members",
            "method": "DELETE"
        },
        {
            "rel": "createLinkTable",
            "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table",
            "method": "POST"
        },
        {
            "rel": "deleteLinkTable",
            "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table",
            "method": "DELETE"
        },
        {
            "rel": "mergeLinkRecords",
            "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table/members",
            "method": "POST"
        }
    ]
}
```

Error Response Examples

This section lists the common error responses when deleting link tables.

- **Invalid delete type parameters**: Requests fail if the delete type specified is invalid. The delete type must be `selected`. The error resembles:
  ```
  {
      "type": "",
      "title": "Invalid request parameters",
      "errorCode": "INVALID_PARAMETER ",
      "detail": "The delete type is not valid",
      "errorDetails": []
  }
  ```
- **API limit exceeded**: When the client application exceeds the throttling limit for this API, a 401 Unauthorized error is returned with the following error response body. Refer to Get Throttling Limits to learn more. Error resembles:
  ```
  {
      "type": "",
      "title": "",
      "errorCode": "API_LIMIT_EXCEEDED ",
      "detail": "",
      "errorDetails": []
  }
  ```
- **Folder name is not found**: Requests fail if the folder name specified cannot be found. The error resembles:
  ```
  {
      "type": "",
  ```

```
      "title": "Folder not found",
      "errorCode": "FOLDER_NOT_FOUND ",
      "detail": "The Folder name is not found",
      "errorDetails": []
  }
```

- **Link Table not found**: Requests fail if the specified link table name does not exist in Responsys. The error resembles:

```
  {
      "type": "",
      "title": "Link Table not found",
      "errorCode": "LINK_TABLE_NOT_FOUND",
      "detail": "The Link Table is not found",
      "errorDetails": []
  }
```

- **Unexpected Exception**: Requests may fail if there are issues with the database. These are rare occurrences. If this happens, retry the request. The error resembles:

```
  {
      "type": "",
      "title": "Unexpected exception",
      "errorCode": "UNEXPECTED_EXCEPTION",
      "detail": "Unexpected exception",
      "errorDetails": []
  }
```

- **Record limit exceeded**: Requests will fail if the number of link records to delete per API request exceeds 200. Modify the API request to delete fewer link record names and submit several requests. The error resembles:

```
  {
      "type": "",
      "title": "Record limit exceeded",
      "errorCode": "RECORD_LIMIT_EXCEEDED",
      "detail": "Record limit exceeded, maximum of 200 records are allowed
per each api call",
      "errorDetails": []
  }
```

- **No Link Record name found**: Requests will fail if the link record name specified is not found in the link table. The error resembles:

```
  {
      "type": "",
      "title": "Record not found",
      "errorCode": "RECORD_NOT_FOUND",
      "detail": "One or more link records are not found",
      "errorDetails": []
  }
```

- **No Link Record name specified in the request**: Requests will fail if there are no link record names (linkNames) specified in the request body. You must specify link names to delete. The error resembles:

```
  {
      "type": "",
      "title": "Record not found",
      "errorCode": "INVALID_PARAMETER",
      "detail": "Link name is not found in the request",
      "errorDetails": []
  }
```

- **No Link Records found in the link table**: Requests will fail if there are no link records found in the link table. The error resembles:

```
{
   "type": "",
   "title": "Record not found",
   "errorCode": "RECORD_NOT_FOUND",
   "detail": "Link records in the request are not found in the link
table",
   "errorDetails": []
}
```

- **Link Names are null or empty**: Requests will fail if the `linkNames` specified in the request body are null or not specified. The error resembles:

```
{
   "type": "",
   "title": "Invalid request parameters",
   "errorCode": "INVALID_PARAMETER ",
   "detail": "One or more link names are null or empty",
   "errorDetails": []
}
```

- **Link name length exceeds character limit**: Requests will fail if a link record name exceeds 255 characters. The error resembles:

```
{
   "type": "",
   "title": "Invalid request parameters",
   "errorCode": "INVALID_PARAMETER ",
   "detail": "ERROR: This field has a max length of 255 and value "…"
is too large",
   "errorDetails": []
}
```

- **Duplicate Link Names**: Requests will fail if duplicate link names are specified. The error resembles:

```
{
   "type": "",
   "title": "Invalid request parameters",
   "errorCode": "INVALID_PARAMETER ",
   "detail": "Duplicate link names are found in the request",
   "errorDetails": []
}
```

Merge Link Table Records

Use this endpoint to merge (i.e. populate) link table records into an existing link table. For a given link table, an array of record data that contain link names and their corresponding link URL values are specified.

Request Method	Service URL
POST	`/rest/api/v1.3/folders/{folderName}/linkTables/{linkTableName}/members`
Path Parameters	`folderName` – The folder name containing the link table object for which you want to merge link records.
	`linkTableName` – Link table name to merge records.
Request Headers	`Authorization:<auth_token>`
	`Content-Type:application/json`

Request Body – Required Properties

`recordData` – Array of link records to merge into the link table.

- `link_name` – Required when updating existing records. Must contain alphanumeric characters or underscores. Maximum 255 characters.

- `link_Url` – Required when inserting new records. Maximum 4000 characters.

Request Body Notes

- Up to 200 records can be merged in a single request.

- Merge cannot be done on one field.

Request Example

```
POST /rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table/members
{
  "recordData": {
    "fieldNames": [
      "link_Url",
      "link_name"
    ],
    "records": [
      [
        "www.oracle.com",
        "siteurl"
      ],
      [
        "www.oracleblogs.com",
        "blogurl"
      ]
    ]
  }
}
```

Response Body Example

```
{
  "insertCount": 2,
  "totalCount": 2,
  "errorMessage": null,
  "updateCount": 0,
  "rejectedCount": 0,
  "links": [
    {
      "rel": "self",
      "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table/members",
      "method": "POST"
    },
    {
      "rel": "createLinkTable",
      "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table",
      "method": "POST"
```

```
    },
    {
      "rel": "deleteLinkTable",
      "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table",
      "method": "DELETE"
    }
  ]
}
```

Error Response Examples

This section lists the common error responses when merging link table records.

HTTPS status code 400 Bad Request

- **Record limit exceeded, minimum of 200 records allowed per each API call**: Requests fail if more than 200 records are sent in the request payload. The error resembles:

```
{
  "type": "",
  "title": "Record limit exceeded",
  "errorCode": "RECORD_LIMIT_EXCEEDED",
  "detail": "Record limit exceeded, maximum of 200 records are allowed
per each api call",
  "errorDetails": []
}
```

- **Link name must be provided in order to merge link records**: Requests fail if a `link_name` is not provided when updating existing records. Error resembles:

```
{
  "type": "",
  "title": "Invalid request parameters",
  "errorCode": "INVALID_PARAMETER",
  "detail": "LINK_NAME must be provided in order to merge link
records",
  "errorDetails": []
}
```

- **You cannot merge without specifying the LINK_URL field in the field names**: Requests fail if inserting new records and link url is missing. The error resembles:

```
{
  "type": "",
  "title": "Invalid request parameters",
  "errorCode": "INVALID_PARAMETER",
  "detail": "You cannot merge without specifying the LINK_URL field in
the field names",
  "errorDetails": []
}
```

Retrieve Link Table Records

This endpoint retrieves all link records within a specified link table. Specify the link table name to retrieve, and the response returns the field names and their corresponding field values of the link records. If a link record field name does not contain a value in the link table, field value returns `null`.

Request Method	Service URL

> **NOTICE:** Oracle Responsys Advanced REST API—These interfaces are only available to Internal Oracle Teams or Customers that have received Responsys Management approval.

GET	/rest/api/v1.3/folders/{folderName}/linkTables/{linkTableName}/members
Path Parameters	`folderName` – The folder name containing the link table to retrieve records.
	`linkTableName` – The link table name that contains records to retrieve.
Request Headers	`Authorization:<auth_token>`
	`Content-Type:application/json`

Request Body – Required Properties

Not applicable.

Request Example

```
GET /rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table/members
```

Response Body Example

```
{
  "recordData": {
    "fieldNames": [
      "LINK_NAME",
      "LINK_URL",
      "LINK_CATEGORY",
      "EXTERNAL_TRACKING",
      "CREATED_DATE_",
      "MODIFIED_DATE_",
      "IOS_LINK_URL",
      "ANDROID_LINK_URL"
    ],
    "mapTemplateName": null,
    "records": [
      {
        "fieldValues": [
          "siteurl",
          "www.oracle.com",
          null,
          null,
          "2019-12-18 13:36:53.903857",
          "2019-12-18 13:36:53.903857",
          null,
          null
        ]
      },
      {
        "fieldValues": [
          "blogurl",
          "www.oracleblogs.com",
          null,
          null,
          "2019-12-18 13:36:53.903857",
          "2019-12-18 13:36:53.903857",
          null,
          null
        ]
      }
    ]
  },
```

```
  "links": [
    {
      "rel": "self",
      "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table",
      "method": "GET"
    },
    {
      "rel": "createLinkTable",
      "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table",
      "method": "POST"
    },
    {
      "rel": "deleteLinkTable",
      "href":
"/rest/api/v1.3/folders/Folder_Name/linkTables/New_Link_Table",
      "method": "DELETE"
    },
    {
      "rel": "mergeLinkRecords",
      "href": "/rest/api/v1.3/folders/
Folder_Name/linkTables/New_Link_Table/members",
      "method": "POST"
    }
  ]
}
```

PROFILE LISTS

The Responsys 20A update introduced the Create a Profile List endpoint.

Create a Profile List with or without Brand Context

This endpoint enables you to create a Profile List. For brand-enabled accounts, you can create profile lists with your brand information.

In the request body, specify information about the profile list to create such as the list name, list folder name, and list fields. A successful response sends back a message indicating the list was created.

Request Method	Service URL
POST	`/rest/api/v1.3/lists`
Request Parameters	`None`
Request Headers	`Authorization:<auth_token>`
	`Content-Type:application/json`
Request Body – Required Properties	

`listName` – Name of the profile list to create.

`listFolderName` – Name of the existing folder where the profile list to create will be stored.

`fields` – The profile list fields to include in your profile list. For each field you want to include, specify a field name and field type. The field types allowed are: `CHAR`, `STR25`, `STR100`, `STR500`, `STR4000`, `NUMBER`, `INTEGER`, or `TIMESTAMP`. Refer to the Responsys Help Center to learn more about the system-defined fields you can include. You can also use the Retrieve Profile List Fields endpoint to retrieve one of your existing Profile Lists and learn more about the fields.

Request Body Example

```
{
  "listName": "<profileListName>",
  "listFolderName": "<folderName>",
  "description": "<profileListDescription>",
  "brandName": "<brandName>",
  "fields": [
    {
      "fieldName": "custom1",
      "fieldType": "CHAR"
    },
    {
      "fieldName": "custom2",
      "fieldType": "STR50"
    }
  ]
}
```

Response Body Example

```
{
  "listName": "<profileListName>",
  "message": "List Has Been Created."
}
```

Error Response Examples

This section lists the common error responses when creating profile lists.

- **List already exists**: Requests fail if a profile list with the specified name already exists. The error resembles:

```
{
  "type": "",
  "title": "List already exists",
  "errorCode": "LIST_ALREADY_EXISTS",
  "detail": "List already exists.",
  "errorDetails": []
}
```

- **Folder not found**: Requests fail if the folder name specified cannot be found. The error resembles:

```
{
  "type": "",
  "title": "Record not found",
  "errorCode": "FOLDER_NOT_FOUND",
  "detail": "Folder [Folder_name] not found",
  "errorDetails": []
}
```

- **Invalid folder name**: Requests fail if the folder name contains an invalid character. The error resembles:

```
{
  "type": "",
  "title": "Invalid request parameters",
  "errorCode": "INVALID_PARAMETER",
  "detail": "Invalid Folder Name in the Request",
  "errorDetails": []
}
```

- **Invalid list name**: Requests fail if the list name is not provided. The error resembles:

```
{
  "type": "",
  "title": "Invalid request parameters",
  "errorCode": "INVALID_PARAMETER",
  "detail": "Invalid List Name in the Request",
  "errorDetails": []
}
```

- **Invalid field types**: Requests fail if invalid field types are specified in the request. Field types must be one of: CHAR, STR25, STR100, STR500, STR4000, NUMBER, INTEGER, or TIMESTAMP. The error resembles:

```
{
  "type": "",
  "title": "Invalid Field Type",
  "errorCode": "INVALID_FIELD_TYPE",
  "detail": "One or more invalid field types in the request",
  "errorDetails": []
}
```

- **List name more than characters defined in account settings**: Requests will fail if the list name exceeds the account settings character limit. The error resembles:

```
{
  "type": "",
  "title": "Invalid request parameters",
  "errorCode": "INVALID_PARAMETER",
  "detail": "Max Length of listName allowed: 10",
  "errorDetails": []
}
```

- **Max number of custom fields allowed**: Requests fail if more than 5 custom fields are included. The error resembles:

```
{
  "type": "",
  "title": "Invalid request parameters",
  "errorCode": "INVALID_PARAMETER",
  "detail": "Max No. of custom fields allowed :5",
  "errorDetails": []
}
```

- **API limited exceeded**: When the client application exceeds the throttling limit for this API, a 401 Unauthorized error is returned with the following error response body. The error resembles:

```
{
  "type": "API_Limit_Exceeded",
  "title": "",
  "errorCode": "API_LIMIT_EXCEEDED",
  "detail": "",
  "errorDetails": []
}
```

- **Invalid field name**: Requests fail if any field names provided are invalid. The error resembles:

```
{
  "type": "",
  "title": "Invalid field name",
  "errorCode": "INVALID_FIELD_NAME",
  "detail": "The following field names [invalid_field_names_list] are
invalid",
  "errorDetails": []
}
```

PROFILE EXTENSION TABLES

The Responsys 20B update enables the abiliy to delete Profile Extension Table objects.

Delete Profile Extension Table

This endpoint is used to delete Profile Extension Tables in Responsys. See the standard API endpoints for details on how to create and retrieve Profile Extension Tables.

Request Method	Service URL
DELETE	`/rest/api/v1.3/lists/{listName}/listExtensions/{petName}/table`
Path Parameters	`listName` – The name of the parent profile list for the profile extension table.
	`petName` – The name of the profile extension table to delete.
Request Headers	`Authorization:<auth_token>`
	`Content-Type:application/json`

Request Body – Required Properties

`Not applicable.`

Request Notes

Not applicable

Request Example

```
DELETE
/rest/api/v1.3/lists/Profile_List_Name_1/listExtensions/Profile_Extension_Ta
ble_Name_1/table
```

Response Notes

Not applicable

Response Body Example

```
{
  "petName": "Profile_Extension_Table_Name_1",
  "links": [
    {
      "rel": "self",
      "href":
"/rest/api/v1.3/lists/Profile_List_Name_1/listExtensions/Profile_Extension_T
able_Name_1/table",
      "method": "DELETE"
    }
  ]
}
```

Error Response Examples

This section lists the common error responses when deleting Profile Extension Tables.

HTTPS status code 404 Not Found

- **Table not found**: Requests fail if the table specified in the request does not exist in Responsys. The error resembles:
  ```
  {
      "type": "",
  ```

```
          "title": "Table not found",
          "errorCode": "TABLE_NOT_FOUND",
          "detail": "No PET Table found for given name [Pet_Name_2]",
          "errorDetails": []
      }
```

- **List not found**: Requests fail if the Profile List specified in the request cannot be found in Responsys. Error resembles:

```
{
    "type": "",
    "title": "List not found",
    "errorCode": "LIST_NOT_FOUND",
    "detail": "Unable to delete PET, profile list not found.",
    "errorDetails": []
}
```

- **PET not associated to list**: Requests fail if a valid Profile List is specified, but the Profile Extension Table is not associated to the specified list. The error resembles:

```
{
    "type": "",
    "title": "Table not found",
    "errorCode": "TABLE_NOT_FOUND",
    "detail": "No PET Table found for given name [PET_Name_1]",
    "errorDetails": []
}
```

SUPPLEMENTAL TABLES

The Responsys 20B update enables the abiliy to delete Supplemental Table objects.

Delete Supplemental Table

This endpoint is used to delete Supplemental Table objects in Responsys. You can Create Supplemental Tables usingthe standard API endpoint, see Create supplemental table for more information.

Request Method	Service URL
DELETE	`/rest/api/v1.3/folders/{folderName}/suppData/{suppTableName}/table`
Path Parameters	`folderName` – The name of the folder where the supplemental table is located in Responsys. `suppTableName` – The name of the Supplemental Table to delete.
Request Headers	`Authorization:<auth_token>` `Content-Type:application/json`
Request Body – Required Properties	
`Not applicable`	
Response Body Example	

```
{
  "suppTableName": "Supp_Table_1",
  "links": [
    {
      "rel": "self",
      "href":
"/rest/api/v1.3/folders/My_Folder_Name/suppData/Supp_Table_1/table",
```

```
            "method": "DELETE"
        }
    ]
}
```

Error Response Examples

This section lists the common error responses when deleting supplemental tables.

HTTPS status code 401 Forbidden

- **Insufficient access**: Requests fail if the user performing the request does not have sufficient permissions to delete Supplemental Tables. The user performing this request must have the Table Manager role in Responsys. The error resembles:

```
{

  "type": "",
  "title": "Insufficient access",
  "errorCode": "INSUFFICIENT_ACCESS",
  "detail": "Insufficient privileges to invoke this API",
  "errorDetails": []
}
```

HTTPS status code 404 Not Found

- **Table not found**: Requests fail if the specified supplemental table name is not found in Responsys. The error resembles:

```
{

  "type": "",
  "title": "Table not found",
  "errorCode": "TABLE_NOT_FOUND",
  "detail": "No Supplemental Table found for given name
[Supp_Table_1]",
  "errorDetails": []
}
```

- **Folder not found**: Requests fail if the folder name specified in the request cannot be found in Responsys. Error resembles:

```
{
  "type": "",
  "title": "Folder not found",
  "errorCode": "FOLDER_NOT_FOUND",
  "detail": "Folder name [Folder_Name_1] does not exist",
  "errorDetails": []
}
```