

Unica Interact V12.1.1 Rest API



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Chapter 1. Rest API Guide

This contains information about Rest API for Unica Interact Runtime and Unica Interact Design Time. Interact API has predictable resource-oriented URLs. It accepts form-encoded request bodies, returns JSON-encoded responses, and uses standard HTTP response codes, authentication, and verbs.

Authentication

This section describes the authentication mechanism.

Interact Design time

To authenticate internal users in client applications, use the Unica Platform `login` API to generate secure tokens. You can then invoke any protected APIs by passing the required parameters in the request header, in addition to the parameters expected by the API itself.

Example

```
POST /unica/api/manager/authentication/login/
```

Name	Type	In	Description
m_user_name	string	header	The internal user's Unica Platform login name.
m_user_password	string	header	The internal user's Unica Platform password in plain text.

Response

```
{
  "m_tokenId": "<randomly generated token>",
  "m_user_name": "<username of the logged in user>",
  "createDate": "Mon Jan 01 12:34:56 IST 2021"
}
```

Interact Run time

To enable authentication on Unica Interact Run time API calls, specify the API Authentication (`Affinium|interact|general|API`) property to `true`. When it is enabled, Unica Interact Run time checks if an incoming API request has a valid authentication token, else it authenticates with the supplied username and password with Unica Platform or LDAP. Request is rejected if token is invalid or username or password is invalid. The token is tied with the session-Id, which is provided during the `startSession()` API call. So, all other API calls validate this token before proceeding.

Name	Type	In	Description
m_user_name	string	header	The internal user's Unica Platform login name.
m_user_password	string	header	The internal user's Unica Platform password in plain text.

Errors

Interact uses conventional HTTP response codes to indicate the success or failure of an API request. In general, codes in the 2xx range indicate success. Codes in the 4xx range indicate an error that failed on the basis of the information provided. Codes in the 5xx range indicate an error with Interact servers (these are rare).

HTTP STATUS CODE SUMMARY

200 - OK	Everything worked as expected.
201 - Created	Resource is created.
202 - Accepted	Resource is updated.

204 - No Content	Everything worked as expected.
207 - Miscellaneous	Status code of batch request.
400 - Bad Request	The request was unacceptable, often due to missing a required parameter or invalid input to the parameter.
401 - Unauthorized	No valid API token or credentials provided.
404 - Not Found	The requested resource does not exist.
500 - Server Errors	Something went wrong on Interact server's end. (This is rare.)

Pagination

Requests that return multiple items are paginated to 10 items by default. You can specify further pages with the page parameter.

Name	Type	In	Description
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.

Example

```
GET /Campaign/api/interact/rest/v2/channels?page=0&size=10
```

Response

```
{
  "content": [],
  "page": {
```

```

    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 10,
    "totalElements": 0,
    "totalPages": 0
  }
}

```

Abbreviations

Abbreviations include acronyms, initialisms, shortened words, and contractions used in this document.

Abbreviations	Description
DT	Design time
RT	Run time
CRUD	Create, Read, Update, and Delete
ic	Interactive Channel
al	Audience Level
ald	Audience Id

The following are the abbreviations and symbols used in Objects section.

Abbreviations	Description
Cr	Create
Up	Update
Cp	Copy

✓	Mandatory Parameter
x	Unexpected Parameter
<blank>	Optional Parameter

Unica Interact Runtime APIs

The following section includes the Rest APIs for Unica Interact Runtime.

Objects

Parameter Object. See the [Abbreviations \(on page 4\)](#) topic for details on the abbreviations used.

Attribute Name	Type	Description
n	string	Parameter name
t	string	Parameter type <ul style="list-style-type: none"> • string • numeric • datetime
v	object	Parameter value This can either be string or numeric or datetime object.

Parameter

```
{
  "n": "string",
  "t": "string",
  "v": "string"
}
```


Sessions

These APIs are used to start or end the Interact Runtime session.

Start Session

POST /interact/v2/sessions/{sessionID}?

ic={ic}&audienceLevel={al}&audienceIDField={ald}

Parameters

Name	Type	In	Description
sessionID	string	path	Interact Run time Session ID
ic	string	query	Interactive Channel Name
audienceLevel	string	query	Audience Level
audienceIDField	string	query	<p>Audience ID</p> <p>Format: Name Value Type;Name2 Value2 Type2</p> <p>Type:</p> <ul style="list-style-type: none"> • string • numeric • datetime <p>Example: AudienceID 1 numeric</p>

REQUEST

See the [Abbreviations \(on page 4\)](#) topic for the abbreviations used here.

```
{
```

```

"auIdParams": [
  {
    "n": "string",
    "t": "string",
    "v": ""
  }
],
"debug": true,
"parameters": [
  {
    "n": "string",
    "t": "string",
    "v": ""
  }
],
"relyOnExistingSession": true
}

```

RESPONSE (Status Code: 201)

```

{
  "messages": [],
  "sessionId": "101",
  "version": "1.0.0",
  "statusCode": 0
}

```

End Session

DELETE/interact/v2/sessions/{sessionId}

Parameters

Name	Type	In	Description
sessionID	string	Path	Interact Run time Session ID
parameters	string	Query	Parameters Format: Name Value Type;Name2 Value2 Type2 Type: <ul style="list-style-type: none"> • string • numeric • datetime Example: UACICachedOffers 1 numeric

RESPONSE (Status Code: 200)

```
{
  "messages": null,
  "sessionId": "101",
  "version": "1.0.0",
  "statusCode": 0
}
```

Offers

These APIs are used to get the offers from the started Interact runtime session.

Get Offers

GET/interact/v2/offers/{sessionId}/{iterationPointID}?
number={numberRequested}

Parameters

Name	Type	In	Description
sessionID	string	path	Interact Run time Session ID
IPID	string	query	Interaction Point ID
number	string	query	Number of offers requested
parameters	string	query	Parameters Format: Name Value Type;Name2 Value2 Type2 Type: <ul style="list-style-type: none"> • string • numeric • datetime Example: UACICachedOffers 1 numeric

RESPONSE (Status Code: 200)

See the [Abbreviations \(on page 4\)](#) topic for the abbreviations used here.

```
{
  "messages": null,
  "offerLists": [
    {
      "defaultString": "string",
      "ip": "string",
      "offers": [
        {
          "attributes": [
            {
              "n": "string",
              "t": "string",
              "v": "string"
            }
          ]
        }
      ]
    }
  ]
}
```

```

    }
  ],
  "code": [
    "string"
  ],
  "desc": "string",
  "n": "string",
  "score": 0,
  "treatmentCode": "string"
}
]
}
],
"sessionId": "string",
"statusCode": 0,
"version": "string"
}

```

Get Offers for Multiple IPs

POST/interact/v2/offers/{sessionId}

Parameters

Name	Type	In	Description
sessionId	string	path	Interact Run time Session ID

REQUEST

```

{
  "getOfferRequests": [
    {
      "dupPolicy": 0,
      "ip": "string",

```

```
"numberRequested": 0,
"offerAttributes": {
  "attributes": [
    {
      "n": "string",
      "t": "string",
      "v": {}
    }
  ],
  "childRequirements": [
    {
      "attributes": [
        {
          "n": "string",
          "t": "string",
          "v": {}
        }
      ],
      "childRequirements": [
        {}
      ],
      "numberRequested": 0
    }
  ],
  "numberRequested": 0
}
],
"parameters": [
  {
    "n": "string",
    "t": "string",
```

```

      "v": {}
    }
  ]
}

```

RESPONSE (Status Code: 200)

```

{
  "messages": null,
  "offerLists": [
    {
      "defaultString": "string",
      "ip": "string",
      "offers": [
        {
          "attributes": [
            {
              "n": "string",
              "t": "string",
              "v": "string"
            }
          ],
          "code": [
            "string"
          ],
          "desc": "string",
          "n": "string",
          "score": 0,
          "treatmentCode": "string"
        }
      ]
    }
  ],
}

```

```

"sessionId": "string",
"statusCode": 0,
"version": "string"
}

```

Get Offers for Multiple IPs

POST/interact/v2/offers/{sessionId}

Parameters

Name	Type	In	Description
sessionId	string	path	Interact Run time Session ID

REQUEST

```

{
  "getOfferRequests": [
    {
      "dupPolicy": 0,
      "ip": "string",
      "numberRequested": 0,
      "offerAttributes": {
        "attributes": [
          {
            "n": "string",
            "t": "string",
            "v": {}
          }
        ]
      },
      "childRequirements": [
        {
          "attributes": [

```



```

        {
            "n": "string",
            "t": "string",
            "v": {}
        }
    ],
    "childRequirements": [
        {}
    ],
    "numberRequested": 0
}
],
"numberRequested": 0
}
}
],
"parameters": [
    {
        "n": "string",
        "t": "string",
        "v": {}
    }
]
}

```

RESPONSE (Status Code: 200)

See the [Abbreviations \(on page 4\)](#) topic for the abbreviations used here.

```

{
  "messages": null,
  "offerLists": [
    {

```

```
"defaultString": "string",
"ip": "string",
"offers": [
  {
    "attributes": [
      {
        "n": "string",
        "t": "string",
        "v": "string"
      }
    ],
    "code": [
      "string"
    ],
    "desc": "string",
    "n": "string",
    "score": 0,
    "treatmentCode": "string"
  }
]
}
],
"sessionId": "string",
"statusCode": 0,
"version": "string"
}
```

Events

These APIs are used to post the event to the started Interact Runtime session.

Post Event

POST/interact/v2/events/{sessionId}/{eventName}

Parameters

Name	Type	In	Description
sessionId	string	path	Interact Run time Session ID
eventName	string	path	Event Name

REQUEST

See the [Abbreviations \(on page 4\)](#) topic for the abbreviations used here.

```
{
  "parameters": [
    {
      "n": "string",
      "t": "string",
      "v": "string"
    }
  ]
}
```

RESPONSE Status Code: 200)

```
{
  "messages": null,
  "sessionId": "101",
  "version": "1.0.0",
  "statusCode": 0
}
```

Profiles

These APIs are used to get the profile data from started Interact Runtime Session.

Get Profiles

GET/interact/v2/profiles/{sessionID}

Parameters

Name	Type	In	Description
sessionID	string	path	Interact Run time Session ID
parameters	string	query	Parameters Format: Name Value Type;Name2 Value2 Type2 Type <ul style="list-style-type: none"> • string • numeric • datetime Example: UACIGetProfileShowDimFields 1 numeric

RESPONSE (Status Code: 200)

See the [Abbreviations \(on page 4\)](#) topic for the abbreviations used here.

```
{
  "messages": null,
  "profile": [
    {
```

```

    "n": "string",
    "t": "string",
    "v": "string"
  }
],
"sessionId": "string",
"statusCode": 0,
"version": "string"
}

```

Audience

These APIs are used to set the audience data to the existing Interact runtime session.

Set Audience

Set Audience

PUT /interact/v2/audience/{sessionId}?
audienceLevel={al}&audienceIDField={ald}

Parameters

Name	Type	In	Description
sessionId	string	path	Interact Run time Session ID
audienceLevel	string	query	Audience Level
audienceIDField	string	query	Audience ID Format: Name Value Type;Name2 Value2 Type2 Type

			<ul style="list-style-type: none"> • string • numeric • datetime <p>Example: AudienceID 1 numeric</p>
--	--	--	--

REQUEST

See the [Abbreviations \(on page 4\)](#) topic for the abbreviations used here.

```
{
  "parameters": [
    {
      "t": "string",
      "v": "string",
      "n": "string"
    }
  ]
}
```

RESPONSE (Status Code: 200)

```
{
  "statusCode": 0,
  "sessionId": "101",
  "messages": null,
  "version": "1.0.0"
}
```

Batch Execute

These APIs are used to execute batch commands.

POST /v2/batch/{sessionID}

Parameters

Name	Type	In	Description
sessionID	string	path	Interact Run time Session ID

REQUEST

See the [Abbreviations \(on page 4\)](#) topic for the abbreviations used here.

```
{
  "endSession": true,
  "getOffers": {
    "interactionPointID": "string",
    "numberRequested": 0
  },
  "getOffersForMultipleInteractionPoints": {
    "getOfferRequests": [
      {
        "dupPolicy": 0,
        "ip": "string",
        "numberRequested": 0,
        "offerAttributes": {
          "attributes": [
            {
              "n": "string",
              "t": "string",
              "v": {}
            }
          ]
        }
      }
    ],
    "childRequirements": [
      {}
    ]
  }
}
```

```
        "numberRequested": 0
      }
    }
  ],
},
"getProfile": true,
"getVersion": true,
"postEvent": {
  "event": "string",
  "parameters": [
    {
      "n": "string",
      "t": "string",
      "v": {}
    }
  ]
},
"setAudience": {
  "audienceID": [
    {
      "n": "string",
      "t": "string",
      "v": {}
    }
  ],
  "audienceLevel": "string",
  "parameters": [
    {
      "n": "string",
      "t": "string",
      "v": {}
    }
  ]
}
```



```
]
},
"setDebug": {
  "debug": true
},
"startSession": {
  "auIdParams": [
    {
      "n": "string",
      "t": "string",
      "v": {}
    }
  ],
  "audienceID": [
    {
      "n": "string",
      "t": "string",
      "v": {}
    }
  ],
  "audienceLevel": "string",
  "debug": true,
  "ic": "string",
  "parameters": [
    {
      "n": "string",
      "t": "string",
      "v": {}
    }
  ],
  "relyOnExistingSession": true
}
```

```
}

```

RESPONSE (Status Code: 200)

```
{
  "batchStatusCode": 0,
  "responses": [
    {
      "messages": [
        {
          "detailMsg": "string",
          "msg": "string",
          "msgCode": 0,
          "msgLevel": 0
        }
      ],
      "offerLists": [
        {
          "defaultString": "string",
          "ip": "string",
          "offers": [
            {
              "attributes": [
                {
                  "n": "string",
                  "t": "string",
                  "v": {}
                }
              ],
              "code": [
                "string"
              ],
              "desc": "string",

```

```
        "n": "string",
        "score": 0,
        "treatmentCode": "string"
    }
]
}
],
"profile": [
    {
        "n": "string",
        "t": "string",
        "v": {}
    }
],
"sessionId": "string",
"statusCode": 0,
"version": "string"
}
]
}
```

Deployment

These APIs are used to get the deployment information of interactive channels.

Get Deployed Channel

GET/interact/v2/deployments/channels/{icIdOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interact Channel ID or Name

RESPONSE (Status Code: 200)

See the [Abbreviations \(on page 4\)](#) topic for the abbreviations used here.

```
{
  "deployment": {
    "categoriesAndEvents": [
      {
        "categoryName": "string",
        "events": [
          {
            "eventActions": "string",
            "eventName": "string"
          }
        ]
      }
    ],
    "constraints": [
      {
        "constraintId": 0,
        "constraintName": "string",
        "offerConstraint": "string"
      }
    ],
    "flowcharts": [
      {
        "audienceLevel": "string",
        "flowchartName": "string"
      }
    ]
  },
}
```

```

"icName": "string",
"lastDeploymentTime": "string",
"offerThreshold": 0,
"strategies": [
  {
    "ruleGroups": [
      {
        "cellCode": "string",
        "rules": [
          {
            "marketWeight": 0,
            "offerAttributes": [
              "string"
            ],
            "offerCodes": "string",
            "offerName": "string",
            "predicate": "string",
            "predicateState": "string",
            "ruleEnabled": "string",
            "zoneName": "string"
          }
        ]
      }
    ],
    "strategyName": "string"
  }
],
"tableMapping": [
  {
    "audienceLevel": "string",
    "tableInfo": [
      {

```

```

        "parentTableName": "string",
        "preLoaded": true,
        "tableName": "string"
    }
]
}
],
"zonesAndInteractionPoints": [
    {
        "interactionPoints": [
            "string"
        ],
        "zoneName": "string"
    }
]
}
}

```

Get Deployed Offers

GET/interact/v2/deployments/offers

RESPONSE (STATUS CODE: 200)

```

{
  "offers": [
    {
      "constraintIds": [
        0
      ],
      "offerCode": [
        "string"
      ],
    }
  ]
}

```

```

    "offerId": 0,
    "offerName": "offer",
    "suppressionRules": {
      "categoryName": "string",
      "eventType": "string",
      "hidden": true,
      "id": 0,
      "name": "string"
    }
  }
]
}

```

Audit

Description

These APIs are used to get runtime API history.

Get API Audit by Session ID

GET/interact/v2/APIhistory/session/{sessionID}?

audiencelevel={audienceLevel} &startTime={startTime}&endTime={endTime}

Parameters

Name	Type	In	Description
sessionID	string	path	Interact Run time Session ID
audienceLevel	string	query	Audience Level
startTime	number	query	Start time in millisecond (optional) Example: 1609439400000

endTime	number	query	End time in millisecond (optional) Example: 1609439400000
---------	--------	-------	--

RESPONSE (Status Code: 200)

```
{
  "api": "string",
  "apiTime": "2021-01-01T12:34:56.789Z",
  "audienceId": {},
  "batchId": "string",
  "event": "string",
  "intChannel": "string",
  "intPoint": "string",
  "message": "string",
  "noOfofferRequested": 0,
  "offerRequest": "string",
  "parameters": "string",
  "parametersCount": 0,
  "processTime": 0,
  "relyOnExistingSession": 0,
  "response": "string",
  "rtURL": "string",
  "sessionId": "string",
  "status": 0
}
```

Get API Audit by Audience ID

GET/interact/v2/APIhistory/audience?

audienceLevel={audienceLevel}&audienceIDField=

{audienceIDField}&startTime={startTime}&endTime={endTime}&offerArbitration=false

Parameters

Name	Type	In	Description
audienceLevel	string	query	Audience Level
audienceIDField	string	query	Audience ID
startTime	number	query	Start time in Millis (Optional)
endTime	number	query	End time in Millis (Optional)
offerArbitration	bool	query	Offer Arbitration information flag (Optional)

RESPONSE (Status Code: 200)

```
{
  "api": "string",
  "apiTime": "2021-01-01T12:34:56.789Z",
  "audienceId": {},
  "batchId": "string",
  "event": "string",
  "intChannel": "string",
  "intPoint": "string",
  "message": "string",
  "noOfofferRequested": 0,
  "offerRequest": "string",
  "parameters": "string",
  "parametersCount": 0,
  "processTime": 0,
  "relyOnExistingSession": 0,
  "response": "string",
  "rtURL": "string",
  "sessionId": "string",
  "status": 0
}
```

Event Pattern State

These APIs are used to get the states of all event patterns and offer suppression rules belonging to the specified audience ID.

Get Event Pattern State

This API will return event pattern state from database and cache.

GET /interact/v2/eventpatterns?audienceLevel={al}&audienceIDField={ald}

Parameters

Name	Type	In	Description
audienceLevel	string	query	Audience Level
audienceIDField	string	query	Audience ID

RESPONSE (Status Code: 200)

```
{
  "lastUpdateTime": 0,
  "patternStates": [
    {
      "offerId": "string",
      "offerName": "string",
      "patternId": 0,
      "patternName": "string",
      "suppression": "string",
      "values": [
        {
          "activationTime": 0,
          "attrArray": {},

```

```

    "changed": true,
    "eventCounterDeltas": [
      0
    ],
    "initialEventCounters": [
      0
    ],
    "lastResetTime": 0,
    "lastUpdateTime": 0,
    "status": "string"
  }
]
}
]
}

```

Get Event Pattern State from Cache

GET/interact/v2/eventpatterns/cache?

audienceLevel={audienceLevel}&audienceIDField={audienceIDFieldValue}

Parameters

Name	Type	In	Description
audienceLevel	string	query	Audience Level
audienceIDField	string	query	Audience ID

RESPONSE (Status Code: 200)

```

{
  "lastUpdateTime": 0,
  "patternStates": [
    {

```

```

"offerId": "string",
"offerName": "string",
"patternId": 0,
"patternName": "string",
"suppression": "string",
"values": [
  {
    "activationTime": 0,
    "attrArray": {},
    "changed": true,
    "eventCounterDeltas": [
      0
    ],
    "initialEventCounters": [
      0
    ],
    "lastResetTime": 0,
    "lastUpdateTime": 0,
    "status": "string"
  }
]
}
]
}

```

Get Event Pattern State from Database

GET/interact/v2/eventpatterns/db?

audienceLevel={audienceLevel}&audienceIDField={audienceIDFieldValue}

Parameters

Name	Type	In	Description
audienceLevel	string	query	Audience Level
audienceIDField	string	query	Audience ID

RESPONSE (Status Code: 200)

Content-Type: application/json

```
{
  "lastUpdateTime": 0,
  "patternStates": [
    {
      "offerId": "string",
      "offerName": "string",
      "patternId": 0,
      "patternName": "string",
      "suppression": "string",
      "values": [
        {
          "activationTime": 0,
          "attrArray": {},
          "changed": true,
          "eventCounterDeltas": [
            0
          ],
          "initialEventCounters": [
            0
          ],
          "lastResetTime": 0,
          "lastUpdateTime": 0,
          "status": "string"
        }
      ]
    }
  ]
}
```

```

    ]
  }
]
}

```

Statistics

These APIs are used to get the JMX sweep.

Get JMX Statistics

GET/interact/v2/stats/jmx

RESPONSE (Status code: 200)

```

{
  "statsJMX": [
    {
      "name":
      "com.unicacorp.interact:type=api,group=Statistics",
      "information": {
        "WaitForFlowchartAverage": "1.0",
        "LoadScoreOverrideDuration": "0",
        "EndSessionCount": "0",
        "SetAudienceCount": "0",
        "GetProfileAverage": "0.0",
        "PostEventAverage": "0.0",
        "ActiveSessionCount": "0",
        "PostEventCount": "1",
        "ExecuteBatchAverage": "0.0",
        "ExecuteBatchCount": "0",
        "SetDebugAverage": "0.0",
        "StartSessionAverage": "0.0",

```

```
    "GetProfileCount": "0",
    "SetDebugCount": "0",
    "SetAudienceAverage": "0.0",
    "LoadOfferSuppressionDuration": "0",
    "GetOffersCount": "1",
    "LoadOffersBySQLCount": "0",
    "LoadOffersBySQLAverage": "0.0",
    "GetVersionCount": "0",
    "EndSessionAverage": "0.0",
    "StartSessionCount": "0",
    "RunSegmentationDuration": "0",
    "GetVersionAverage": "0.0",
    "GetOffersAverage": "0.0"
  }
}
]
```

Interact Status

These APIs are used to check status of Interact.

Get Version

GET/interact/V2/status

RESPONSE (Status Code: 200)

```
{
  "messages": null,
  "sessionId": null,
  "version": "1.0.0"
}
```

```
"statusCode": 0
}
```

Unica Interact Design time APIs

The following section includes the Rest APIs for Interact Design time objects.

Interactive Channel

These APIs are used to perform CRUD operations on Interactive Channel.

Objects

The Interactive Channel object.

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Attribute Name	Type	Description	Required Cr	Required Up
id	number	Unique id	x	x
name	string	Interactive channel name	✓	
description	string	Description of the interactive channel		
offerThreshold	number	Maximum number of times to show any offer during a single visit		
serverGroups	string-array	Runtime server groups	✓	
productionServerGroup	string	Production runtime server groups	✓	
policyId	number	Security policy id	x	x

createBy	number	Created by user	x	x
createDate	number	Created date in Millis	x	x
updateBy	number	Updated by user	x	x
updateDate	number	Update date in Millis	x	x
waitingForDeployment	number	Number of items waiting for deployment	x	x
longestWaitTime	string	Longest wait time for an item	x	x
longestWaitDateTime	bool	Longest wait time available	x	x
lastDeploymentTime	number	Last Deployment Date in ms	x	x

Interactive Channel Object

For details, see the table in [Objects \(on page 37\)](#) topic.

Interactive Channel <interactive-channel-object>

```

"createBy": 0,
"createDate": 0,
"description": "string",
"id": 0,
"lastDeploymentTime": 0,
"longestWaitTime": "string",
"longestWaitTimeAvailable": true,
"name": "string",
"offerThreshold": 0,
"policyId": 0,
"productionServerGroup": "string",
"serverGroups": [
  "string"
],

```

```

"updateBy": 0,
"updateDate": 0,
"waitingForDeployment": 0
}

```

Get All Interactive Channels

GET /Campaign/api/interact/rest/v2/channels

Parameters

Name	Type	In	Description
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.

Response (Status Code: 200)

For <interactive-channel-object>, see the [Interactive Channel Object \(on page 38\)](#) topic.

```

{
  "content": [
    <interactive-channel-object>
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}

```

Get Interactive Channels

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name

Response (Status Code: 200)

[Interactive Channel Object \(on page 38\)](#)

Create Interactive Channels

POST /Campaign/api/interact/rest/v2/channels

REQUEST

For <interactive-channel-object>, see the [Interactive Channel Object \(on page 38\)](#) topic.

```
{
  "channels": [
    <interactive-channel-object>
  ]
}
```

RESPONSE (Status Code: 207)

```
[
  {
    "headers": {},
    "body": <interactive-channel-object>/<error-msg>,
  }
]
```

```

    "status": 201/400/500
  }
]

```

Update Interactive Channels

PUT /Campaign/api/interact/rest/v2/channels/{icldOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name

REQUEST

[Interactive Channel Object \(on page 38\)](#)

RESPONSE (Status Code: 202)

[Interactive Channel Object \(on page 38\)](#)

Delete Interactive Channels

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}

Parameters

Name	Type	In	Description
icldOrName	string	Path	Interactive Channel id or name

RESPONSE (Status Code: 204)

```
no content
```

Get All Audience levels

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/audiencelevels

Output

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name

RESPONSE (Status Code: 200)

```

{
  "audienceLevels": [
    "audience1"
  ]
}

```

Map Profile Tables

POST /Campaign/api/interact/rest/v2/channels/{icldOrName}/profiletables

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name

REQUEST

```

{
  "audienceLevel": "string",
  "baseKeys": [
    "string"
  ],
  "baseTable": true,
  "dimKeys": [
    "string"
  ],
  "joinTable": "string",
}

```

```

"joinType": 0,
"preLoad": true,
"tableName": "string",
"unmap": true
}

```

Un-map Table

```

{
  "audienceLevel": "Customer",
  "tableName": "Credit_Details",
  "unmap": true
}

```

RESPONSE - Map Base Table (Status Code: 201)

```

{
  "audienceLevel": "audience1",
  "baseTable": true,
  "tableName": "tableName"
}

```

RESPONSE - Map Dimension Table (Status Code: 201)

```

{
  "audienceLevel": "audience1",
  "baseKeys": [
    "bkey1"
  ],
  "baseTable": false,
  "dimKeys": [
    "dkey1"
  ]
}

```

```

],
"joinTable": "table-name1",
"joinType": 1,
"preLoad": false,
"tableName": "table-name2"
}

```

RESPONSE - Un-map Base Table (Status Code: 201)

```

{
  "audienceLevel": "audience1",
  "tableName": "table-name",
  "unmap": true
}

```

Get profile attributes for an audience level

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/
profileattributes?audienceLevel={ai}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
audienceLevel	string	query	Name of Audience Level

RESPONSE (Status Code: 200)

```

[
  {
    "Real-time attributes": [
      {
        "attributes": [

```

```

        {
            "dataType": 0,
            "name": "string"
        }
    ]
}
]
},
{
    "audience1": [
        {
            "attributes": [
                {
                    "dataType": 0,
                    "name": "string"
                }
            ],
            "tableName": "string"
        }
    ]
}
]

```

Zone and Interaction Point Wrapper

These APIs are used to perform CRUD operations on zones and interaction points.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Attribute Name	Type	Description	Required Cr	Required Up
id	number	Unique id	x	x
name	string	Zone name	✓	
description	string	Description of the zone		
interactionPoints	array-object	List of Interaction Point object		
percentRandom	number	Random Percentage		
ruleGroupResolutionType	number	<p>For rule groups in this zone, resolve non-uniform learning rules</p> <ul style="list-style-type: none"> • 1: Intermix - apply current learning mode • 2: Prioritize non-learning offers • 3: Prioritize learning offers • 4: Prioritize non-learning offers: dedupe • 5: Prioritize learning offers: dedupe 		
learningMode	number	<p>Learning mode</p> <ul style="list-style-type: none"> • 1: Learning mode not set at this level; inherit setting • 2: Use Marketer score • 3: Use Learning score 	✓	

learningModelID	number	Learning Model id		
-----------------	--------	-------------------	--	--

Zone - object

For details, see the [Objects \(on page 45\)](#) topic.

Zone <zone-object>

```
{
  "description": "string",
  "id": 0,
  "interactionPoints": [
    <interaction-points-object>
  ],
  "learningMode": 0,
  "learningModelID": 0,
  "name": "string",
  "percentRandom": 0,
  "ruleGroupResolutionType": 0
}
```

Interaction Point <interaction-points-object>

```
{
  "defaultString": "string",
  "description": "string",
  "id": 0,
  "name": "string"
}
```

Get All Zones

Get All Zones

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/zones

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.

Response (Status Code: 200)

For <zone-object> code, see the [Zone - object \(on page 47\)](#) topic.

```
{
  "content": [
    <zone-object>
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}
```

Get Zone

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/zones/
{zoneldOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
zoneldOrName	string	path	Zone id or name

RESPONSE (Status Code: 200)

[Zone - object \(on page 47\)](#)

Create Zones

POST /Campaign/api/interact/rest/v2/channels/{icldOrName}/zones

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name

REQUEST

For <zone-object> code, see the [Zone - object \(on page 47\)](#) topic.

```
{
  "zones": [
    <zone-object>
  ]
}
```

RESPONSE (Status Code: 207)

```
[
  {
    "headers": {},
    "body": <zone-object>/<error-msg>,
    "status": 201/400/500
  }
]
```

```
}
]
```

Update Zones

PUT /Campaign/api/interact/rest/v2/channels/{icldOrName}/zones/
{zoneName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
zoneldOrName	string	path	Zone id or name

REQUEST

[Zone - object \(on page 47\)](#)

RESPONSE (Status Code: 202)

[Zone - object \(on page 47\)](#)

Delete a Zone or Interaction Points

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/zones/
{zoneldOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
zoneldOrName	string	path	Zone id or name
onlyIP	bool	query	Flag to delete only interaction points from zone.

RESPONSE (Status Code: 200)

No response.

Delete multiple zones

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/zones

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
ids	string	query	comma separated Zone IDs to be deleted.

RESPONSE (Status Code: 200)

No response.

Category

These APIs are used to perform CRUD operations on categories.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Attribute Name	Type	Description	Required Cr	Required Up
id	number	Unique id	x	x
name	string	Zone name	✓	
description	string	Description of the zone		

systemDefined	bool	Indicates system defined category	x	x
---------------	------	-----------------------------------	---	---

Category - Objects

For details, see the [Objects \(on page 51\)](#) topic.

Category<category-object>

```
{
  "description": "string",
  "id": 0,
  "name": "string",
  "systemDefined": true
}
```

Get All Categories

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/categories

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.

RESPONSE (Status Code: 200)

For <category-object>, see the [Category - Objects \(on page 52\)](#) topic.

```
{
  "content": [
    <category-object>
  ]
}
```

```

],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}

```

Get Category

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/categories/
{categoryIdOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
zoneldOrName	string	path	Zone id or name

RESPONSE (Status Code: 200)

[Category - Objects \(on page 52\)](#)

Create Category

POST /Campaign/api/interact/rest/v2/channels/{icldOrName}/categories

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name

REQUEST

For <category-object>, see the [Category - Objects \(on page 52\)](#) topic.

```
{
  "categories": [
    <category-object>
  ]
}
```

RESPONSE (Status Code: 207)

```
[
  {
    "headers": {},
    "body": <category-object>/<error-msg>,
    "status": 201/400/500
  }
]
```

Update Category

PUT /Campaign/api/interact/rest/v2/channels/{icIdOrName}/categories/
{categoryIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
categoryIdOrName	string	path	Category id or name

REQUEST[Category - Objects \(on page 52\)](#)**RESPONSE (Status Code: 202)**[Category - Objects \(on page 52\)](#)**Delete Category**

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/categories/
{categoryldOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
categoryldOrName	string	path	Category id or name

RESPONSE (Status Code: 200)

No content

Delete Multiple Categories

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/categories

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
ids	string	query	Comma separated Category IDs to be deleted.

RESPONSE (Status Code: 200)

No content

Event

These APIs are used to perform CRUD operations on Events.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Event Object

Attribute Name	Type	Description	Required Cr	Required Up
Id	number	Unique id	x	x
Name	string	Event name	✓	
description	string	Description of the event		
eventType	Number	Event type • 1: Event	✓	
category	object	Category Object		
triggerResegmentation	object	Predefined Event Action Object		
logOfferContact	object	Predefined Event Action Object		
logOfferAcceptance	object	Predefined Event Action Object		
logOfferRejection	object	Predefined Event Action Object		

executeExpression	object	Predefined Event Action Object		
eventActions	array-object	List of Event Action Object		
expression	object	Event Action Expression Object		
Pattern	object	Not required for Event	x	x
createBy	number	Created by user	x	x
createDate	number	Created date in Millis	x	x
updateBy	number	Updated by user	x	x
updateDate	number	Update date in Millis	x	x

The Predefined Event Action Object

Attribute Name	Type	Description	Required Cr	Required Up
eventActionID	number	Unique id	x	x
enabled	bool	Enable / Disable Event Action	✓	
conditions	array-object	List of Event Action Condition Object		

The Event Action Condition Object

Attribute Name	Type	Description	Required Cr	Required Up
id	number	Unique id	x	x
name	string	Parameter name	✓	✓

value	string	Parameter Value	✓	✓
-------	--------	-----------------	---	---

Event Action Object

Attribute Name	Type	Description	Required Cr	Required Up
eventActionID	number	Unique id	x	✓
actionID	number	Event action type • 6: Event Action Inferred		
actionValue	number	Event action state • 0 • 1		
eventType	number	Event action type id		
isAsync	bool	Async event action		
executionOrder	number	Event action execution order		
details	string	Event action details		

Event Action Expression Object

Attribute Name	Type	Description	Required Cr	Required Up
audienceLevel	string	Audience Level	✓	✓
expression	string	Expression	✓	✓

fieldName	string	Field Name		
-----------	--------	------------	--	--

Category Object

Attribute Name	Type	Description	Required Cr	Required Up
id	number	Unique id	✓	
name	string	Zone name	x	x
description	string	Description of the zone	x	x
systemDefined	bool	Indicates system defined category	x	x

Events - object

For details, see the [Objects \(on page 56\)](#) topic.

Event <event-object>

```

"category": <category-object>,
"createBy": 0,
"createDate": 0,
"description": "string",
"eventActions": [
  <event-action-object>
],
"eventType": 0,
"executeExpression": <predefined-event-action-object>,
"expression": <event-action-expression-object>,
"id": 0,
"logOfferAcceptance": <predefined-event-action-object>,
"logOfferContact": <predefined-event-action-object>,
"logOfferRejection": <predefined-event-action-object>,

```

```

"name": "string",
"pattern": null,
"triggerResegmentation": <predefined-event-action-object>,
"updateBy": 0,
"updateDate": 0
}

```

Predefined Event Action <predefined-event-action-object>

```

{
  "conditions": [
    <event-action-condition-object>
  ],
  "enabled": true,
  "eventActionID": 0
}

```

Event Action Condition <event-action-condition-object>

```

{
  "id": 0,
  "name": "string",
  "value": "string"
}

```

Event Action <event-action-object>

```

{
  "actionID": 0,
  "actionValue": 0,
  "async": true,
  "condition": [
    {

```

```

    "id": 0,
    "name": "string",
    "value": "string"
  }
],
"details": "string",
"eventActionID": 0,
"eventType": 0,
"executionOrder": 0,
"inferredEvents": [
  0
]
}

```

Event Action Expression <event-action-expression-object>

```

{
  "audienceLevel": "string",
  "expression": "string",
  "fieldName": "string"
}

```

Category <category-object>

```

{
  "description": "string",
  "id": 0,
  "name": "string",
  "systemDefined": true
}

```

Get All Events

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/events

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.

RESPONSE (Status Code: 200)

For <event-object>, see the [Events - object \(on page 59\)](#) topic.

```
{
  "content": [
    <event-object>
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}
```

Get Event

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/events/
{eventIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
eventIdOrName	string	path	Event id or name

RESPONSE (Status code: 200)

[Events - object \(on page 59\)](#)

Create Events

Create

POST /Campaign/api/interact/rest/v2/{icIdOrName}/events

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name

REQUEST

For <event-object>, see the [Events - object \(on page 59\)](#) topic.

```
{
  "events": [
    <event-object>
  ]
}
```

RESPONSE (Status code: 207)

```
[
  {
    "headers": {},
    "body": <event-object>/<error-msg>,
  }
]
```

```

    "status": 201/400/500
  }
]

```

Update Event

Update

PUT /Campaign/api/interact/rest/v2/channels/{icIdOrName}/events/
{eventIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
eventIdOrName	string	path	Event id or name

REQUEST

[Events - object \(on page 59\)](#)

RESPONSE (Status code: 202)

[Events - object \(on page 59\)](#)

Delete Events

DELETE /Campaign/api/interact/rest/v2/channels/{icIdOrName}/events/
{eventIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
eventIdOrName	string	path	Event id or name

RESPONSE (Status Code: 200)

No Content.

Delete Multiple Events

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/events

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
ids	string	query	Comma separated Event IDs to be deleted.

RESPONSE (Status Code: 200)

No Content.

Event Pattern

These APIs are used to perform CRUD operations on event patterns.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Event Pattern Object

Attribute Name	Type	Description	Required Cr	Required Up
Id	number	Unique id	x	x
Name	string	Event name	✓	

description	string	Description of the event		
eventType	Number	Event type • 8: Event Pattern	✓	
category	object	Category Object		
triggerResegmentation	object	Predefined Event Action Object		
logOfferContact	object	Predefined Event Action Object		
logOfferAcceptance	object	Predefined Event Action Object		
logOfferRejection	object	Predefined Event Action Object		
executeExpression	object	Predefined Event Action Object		
eventActions	array-object	List of Event Action Object		
expression	object	Event Action Expression Object		
Pattern	object	Not required for Event	x	x
createBy	number	Created by user	x	x
createDate	number	Created date in Millis	x	x
updateBy	number	Updated by user	x	x
updateDate	number	Update date in Millis	x	x

The Predefined Event Action Object

Attribute Name	Type	Description	Required Cr	Required Up
eventActionID	number	Unique id	x	x
enabled	bool	Enable / Disable Event Action	✓	
conditions	array-object	List of Event Action Condition Object		

The Event Action Condition Object

Attribute Name	Type	Description	Required Cr	Required Up
id	number	Unique id	x	x
name	string	Parameter name	✓	✓
value	string	Parameter Value	✓	✓

Event Action Object

Attribute Name	Type	Description	Required Cr	Required Up
eventActionID	number	Unique id	x	✓
actionID	number	Event action type • 6: Event Action Inferred		
actionValue	number	Event action state		

		<ul style="list-style-type: none"> • 0 • 1 		
eventType	number	Event action type id		
isAsync	bool	Async event action		
executionOrder	number	Event action execution order		
details	string	Event action details		

Event Action Expression Object

Attribute Name	Type	Description	Required Cr	Required Up
audienceLevel	string	Audience Level	✓	✓
expression	string	Expression	✓	✓
fieldName	string	Field Name		

Category Object

Attribute Name	Type	Description	Required Cr	Required Up
id	number	Unique id	✓	
name	string	Zone name	x	x
description	string	Description of the zone	x	x
systemDefined	bool	Indicates system defined category	x	x

Pattern Object

Attribute Name	Type	Description	Required Cr	Required Up
type	number	Event pattern type <ul style="list-style-type: none"> • 1: And • 2: Counter • 3: Score • 4: Time And • 5: Time Counter • 6: Time Score • 7: Rolling And • 8: Rolling Counter • 9: Rolling Score 	✓	
enabled	bool	Enable / Disable Event pattern	✓	
async	bool	Async event pattern		
startTime	number	Start time in Millis		
endTime	number	End time in Millis		
timeDuration	number	Time duration		
resetDuration	number	Extend true state		
matchTotal	number	Number of occurrences of the selected event when pattern fires		
itemEvent	array-object	Event Pattern Item Object		
reset	object	Reset Pattern Object		

Event Pattern item Object

Attribute Name	Type	Description	Required Cr	Required Up
id	number	Unique id	✓	
eventId	number	Event id to trigger	✓	
name	string	Pattern item name		
value	number	Pattern item value		
attributes	array-object	Parameter Object		

Parameter Object

Attribute Name	Type	Description	Required Cr	Required Up
id	number	Unique id	û	û
name	string	Parameter name	✓	✓
comparator	string	Comparator		
dataType	number	Data type <ul style="list-style-type: none"> • 1: String • 2: Numeric • 3: Datetime • 4: Currency 	✓	✓
value	string	Parameter value	✓	✓

Reset Pattern Object

Attribute Name	Type	Description	Required Cr	Required Up
id	number	Unique id	x	x
type	number	Reset pattern type <ul style="list-style-type: none"> • 0: None • 1: Inactivity • 2: Periodic • 3: Event Based 	✓	✓
intervalType	string	Interval type <ul style="list-style-type: none"> • h: Hour • d: Day • w: Week • m: Month 		
interval	number	Interval	✓	✓
startTime	number	Start time in ms		
eventId	number	Event id to trigger after reset		

Event Pattern - object

For details, see the [Objects \(on page 65\)](#) topic.

Event pattern <event-pattern-object>

```
{
  "category": <category-object>,
  "createBy": 0,
```

```

"createDate": 0,
"description": "string",
"eventActions": [
  <event-action-object>
],
"eventType": 0,
"executeExpression": <predefined-event-action-object>,
"expression": <event-action-expression-object>,
"id": 0,
"logOfferAcceptance": <predefined-event-action-object>,
"logOfferContact": <predefined-event-action-object>,
"logOfferRejection": <predefined-event-action-object>,
"name": "string",
"pattern": <pattern-object>,
"triggerResegmentation": <predefined-event-action-object>,
"updateBy": 0,
"updateDate": 0
}

```

Predefined Event Action <predefined-event-action-object>

```

{
  "conditions": [
    <event-action-condition-object>
  ],
  "enabled": true,
  "eventActionID": 0
}

```

Event Action Condition <event-action-condition-object>

```

{
  "id": 0,

```

```

"name": "string",
"value": "string"
}

```

Event Action <event-action-object>

```

{
  "actionID": 0,
  "actionValue": 0,
  "async": true,
  "condition": [
    <event-action-condition-object>
  ],
  "details": "string",
  "eventActionID": 0,
  "eventType": 0,
  "executionOrder": 0,
  "inferredEvents": [
    0
  ]
}

```

Event Action Expression <event-action-expression-object>

```

{
  "audienceLevel": "string",
  "expression": "string",
  "fieldName": "string"
}

```

Pattern <pattern-object>

```

{
  "async": true,
  "enabled": true,

```

```
"endTime": 0,
"itemEvent": [
  <event-pattern-item-object>
],
"matchTotal": 0,
"reset": <reset-pattern-object>,
"resetDuration": 0,
"startTime": 0,
"timeDuration": 0,
"type": 0
}
```

Event Pattern Item <event-pattern-item-object>

```
{
  "attributes": [
    <parameter-object>
  ],
  "eventId": 0,
  "id": 0,
  "name": "string",
  "value": 0
}
```

Parameter <parameter-object>

```
{
  "comparator": "string",
  "dataType": 0,
  "id": 0,
  "name": "string",
  "value": "string"
}
```

Reset Pattern <reset-pattern-object>

```
{
  "eventId": 0,
  "id": 0,
  "interval": 0,
  "intervalType": "string",
  "startTime": 0,
  "type": 0
}
```

Category <category-object>

```
{
  "description": "string",
  "id": 0,
  "name": "string",
  "systemDefined": true
}
```

Get All Event Patterns

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/eventpatterns

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.

RESPONSE (Status code: 200)

For <event-pattern-object>, see the [Event Pattern - object \(on page 71\)](#) topic.

```

{
  "content": [
    <event-pattern-object>
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}

```

Get Event Pattern

Get

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/eventpatterns/
{ eventpatternsIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
eventIdOrName	string	path	Event id or name

RESPONSE (Status code: 200)

[Event Pattern - object \(on page 71\)](#)

Create Event Pattern

POST /Campaign/api/interact/rest/v2/channels/{icIdOrName}/eventpatterns

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name

REQUEST

For <event-pattern-object>, see the [Event Pattern - object \(on page 71\)](#) topic.

```
{
  "events": [
    <event-pattern-object>
  ]
}
```

RESPONSE (Status code: 207)

```
[
  {
    "headers": {},
    "body": <event-pattern-object>/<error-msg>,
    "status": 201/400/500
  }
]
```

Update Event Pattern

Update

PUT /Campaign/api/interact/rest/v2/channels/{icIdOrName}/eventpatterns/{evtpatternIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
evtpatternIdOrName	string	path	Event pattern id or name

REQUEST

[Event Pattern - object \(on page 71\)](#)

RESPONSE (Status code: 202)

[Event Pattern - object \(on page 71\)](#)

Delete Event Pattern

DELETE /Campaign/api/interact/rest/v2/{icIdOrName}/eventpatterns/
{evtpatternIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
eventIdOrName	string	path	Event id or name

RESPONSE (Status code: 200)

No content

Delete Multiple Event Patterns

DELETE /Campaign/api/interact/rest/v2/channels/{icIdOrName}/
eventpatterns

Parameters

Name	Type	In	Description
------	------	----	-------------

icldOrName	string	path	Interactive Channel id or name
ids	string	query	comma separated Event IDs to be deleted.

RESPONSE (Status code: 200)

No content

Strategy

Description

These APIs are used to perform CRUD operations on the strategy.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Strategy Object

Attribute Name	Type	Description	Required	Required	Required
			Cr	Up	Cp
id	number	Unique id	x	x	x
name	string	Strategy name	✓		✓
description	string	Description of the strategy			
campaignId	number	Linked campaign id			
campaignName	string	Linked campaign name	x	x	x
campaignCode	string	Linked campaign code	x	x	x
interactiveChannelId	number	Interactive channel id	x	x	x

interactiveChannelName	string	Interactive channel name	x	x	x
createBy	number	Created by user	x	x	x
createDate	number	Created date in Millis	x	x	x
updateBy	number	Updated by user	x	x	x
updateDate	number	Update date in Millis	x	x	x
ruleCount	number	Rule count in strategy	x	x	x
lastProdDepTime	number	Last production deployment time in Millis	x	x	x

Strategy - object

For details, see the [Objects \(on page 79\)](#) topic.

Strategy <strategy-object>

```
{
  "campaignCode": "string",
  "campaignId": 0,
  "campaignName": "string",
  "createBy": "string",
  "createDate": 0,
  "description": "string",
  "id": 0,
  "interactiveChannelId": 0,
  "interactiveChannelName": "string",
  "lastProdDepTime": 0,
  "name": "string",
  "ruleCount": 0,
  "updateBy": "string",
```

```
"updateDate": 0
}
```

Get All Strategies

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/strategies

Request Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.
mode	string	query	If value is <i>recent</i> , it returns 5 recently updated strategies. (Optional)

Output

Table 1. Response Codes

Success	200	Ok
Error	400	Inputs provided for the API are not valid.
Server Error	500	Internal Server Error. For more details, check the logs.

RESPONSE (Status Code: 200)

For <strategy-object>, see the [Strategy - object \(on page 80\)](#) topic.

```
{
  "content": [
```

```

    <strategy-object>
    }
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}

```

Get Strategy

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/strategies/
{strategyIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
strategyIdOrName	string	path	Strategy id or name

RESPONSE (Status code: 200)

[Strategy - object \(on page 80\)](#)

Create Strategy

POST /Campaign/api/interact/rest/v2/channels/{icIdOrName}/strategies

REQUEST

[Strategy - object \(on page 80\)](#)

RESPONSE (Status code: 201)

[Strategy - object \(on page 80\)](#)

Update Strategy

Update

PUT /Campaign/api/interact/rest/v2/channels/{icIdOrName}/strategies/
{strategyIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
strategyIdOrName	string	path	Strategy id or name

REQUEST

[Strategy - object \(on page 80\)](#)

RESPONSE (Status Code: 202)

[Strategy - object \(on page 80\)](#)

Delete Strategy

DELETE /Campaign/api/interact/rest/v2/channels/{icIdOrName}/strategies/
{strategyIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
strategyIdOrName	string	path	Strategy id or name

RESPONSE (Status code: 200)

No content

Copy Strategy

POST /Campaign/api/interact/rest/v2/channels/{icIdOrName}/strategies/
 {strategyIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name

REQUEST

[Strategy - object \(on page 80\)](#)

RESPONSE (Status code: 201)

[Strategy - object \(on page 80\)](#)

Smart Rule

These APIs are used to perform CRUD operations on the Smart Rules.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Smart Rule Object

Attribute Name	Type	Description	Required Cr	Required Up

id	number	Unique id	✓	✓
ruleName	string	Smart Rule name		
segmentId	number	Segment id		
segmentName	string	Segment name	x	x
cellId	number	Cell id		
cellCode	string	Cell code	x	x
zoneId	number	Zone id		
zoneName	string	Zone name	x	x
offerId	number	Offer id		
offerName	string	Offer name	x	x
offerCode	number	Offer code	x	x
offerType	number	Type of offer • 0: Offer • 1: OfferList		
offerSelection	object	Offer Selection Policy Object		
offerAttrExpressions	array-object	List of Offer Attribute Expression Object		
groupByOfferName	string	Group by offer name		
ruleGroupName	string	Smart rule group name		
ruleGroups	array-object	List of Smart Rule Group Object		
score	number	Score		
scorePredicate	string	Predicate to calculate score		

scorePredicateEnabled	bool	Enable / Disable score predicate		
scorePredicateId	number	Predicate id for score		
enabled	Bool	Enable / Disable smart rule		
eligibilityPredicate	string	Predicate to define eligibility		
eligibilityPredicateEnabled	bool	Enable / Disable eligibility predicate		
eligibilityPredicateId	number	Predicate id for eligibility		
effectiveDate	number	Effective date in Millis		
expirationDate	number	Expiration date in Millis		
learningMode	number	Learning mode <ul style="list-style-type: none"> • 1: Learning mode not set at this level; inherit setting • 2: Use Marketer score • 3: Use Learning score 		
learningModelId	number	Learning model id		
lmName	string	Learning model name		
maxScore	number	Max Score		
suppressCount	number	Suppression count		
hasABTest	bool	Has A/B Test?		
abTest	object	A/B Test Object		

Offer Selection Policy Object

Attribute Name	Type	Description	Required	Required
----------------	------	-------------	----------	----------

			Cr	Up
num	number	Number of offers to return from offer list		
opt	number	Allowed offer selection policy		
param	string	Parameter	x	x
sort	string	Sort by	x	x

Offer Attribute Expression Object

Attribute Name	Type	Description	Required Cr	Required Up
attrId	number	Unique id	✓	✓
attrName	string	Attribute name		
expression	string	Expression to calculate value for attribute	✓	✓

Smart Rule Group Object

Attribute Name	Type	Description	Required Cr	Required Up
id	number	Unique id	✓	✓
name	string	Smart rule group name	x	x
description	string	Description of the smart rule group	x	x

A/B test Branch Object

Attribute Name	Type	Description	Required Cr	Required Up
----------------	------	-------------	----------------	----------------

branchId	number	Unique id		
branchName	string	A/B testing branch name		
enabled	bool	Enable / Disable A/B testing branch		
isDefault	bool	Indicates A/B testing default branch		
samplePercent	number	Sample percentage for A/B testing branch		
acceptRate	number	Acceptance rate		
selectedBranch	bool	A/B testing branch selection		
cellId	number	Cell id		
cellCode	string	Cell code	x	x
offerId	number	Offer id		
offerName	string	Offer name	x	x
offerAttributes	array-object	List of Offer Attribute Expression Object		
delete	bool	Delete A/B testing branch flag		

Smart Rule - object

For details, see the [Objects \(on page 84\)](#) topic.

Smart Rule <smart-rule-object>

```
{
  "abTest": <ab-test-object>,
  "cellCode": "string",
  "cellId": 0,
  "effectiveDate": 0,
  "eligibilityPredicate": "string",
```

```
"eligibilityPredicateEnabled": true,
"eligibilityPredicateId": 0,
"enabled": true,
"expirationDate": 0,
"groupByOfferName": "string",
"hasABTest": true,
"id": 0,
"learningMode": 0,
"learningModelId": 0,
"lmName": "string",
"maxScore": true,
"offerAttrExpressions": [
  <offer-attribute-expression-object>
],
"offerCode": "string",
"offerId": 0,
"offerName": "string",
"offerSelection": <offer-selection-policy-object>,
"offerType": 0,
"ruleGroupName": "string",
"ruleGroups": [
  <smart-rule-group-object>
],
"ruleName": "string",
"score": 0,
"scorePredicate": "string",
"scorePredicateEnabled": true,
"scorePredicateId": 0,
"segmentId": 0,
"segmentName": "string",
"suppressCount": 0,
"zoneId": 0,
```

```
"zoneName": "string"
}
```

Offer Selection Policy <offer-selection-policy-object>

```
{
  "num": 0,
  "opt": 0,
  "param": "string",
  "sort": "string"
}
```

Offer Attribute Expression <offer-attribute-expression-object>

```
{
  "attrId": 0,
  "attrName": "string",
  "expression": "string"
}
```

A/B Test <ab-test-object>

```
{
  "branches": [
    <ab-test-branch-object>
  ],
  "effectiveDate": 0,
  "enabled": true,
  "expirationDate": 0,
  "readOnly": true,
  "selectionMode": 0,
  "status": "string"
}
```

A/B Test Branch <ab-test-branch-object>

```

{
  "acceptRate": 0,
  "branchId": 0,
  "branchName": "string",
  "cellCode": "string",
  "cellId": 0,
  "delete": true,
  "enabled": true,
  "isDefault": true,
  "offerAttributes": [
    <offer-attribute-expression-object>
  ],
  "offerId": 0,
  "offerName": "string",
  "samplePercent": 0,
  "selectedBranch": true
}

```

Smart Rule Group <smart-rule-group-object>

```

{
  "description": "string",
  "id": 0,
  "name": "string"
}

```

Get All Smart Rules

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/strategies/
{strategyIdOrName}/rules

Parameters

Name	Type	In	Description
------	------	----	-------------

icIdOrName	string	path	Interactive Channel id or name
strategyIdOrName	string	path	Strategy id or name
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.
abtOnly	bool	query	If value is <i>true</i> , it returns smart rules with A/B testing data. (Optional)

RESPONSE (Status Code: 200)

For <smart-rule-object>, see the [Smart Rule - object \(on page 88\)](#) topic.

```
{
  "content": [
    <smart-rule-object>
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}
```

Get Smart Rule

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies/
{strategyIdOrName}/rules/{ruleIdOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
strategyIdOrName	string	path	Strategy id or name
ruleIdOrName	string	path	Smart rule id or name

RESPONSE (Status code: 200)

[Smart Rule - object \(on page 88\)](#)

Save Smart Rules

Create, Update, and delete smart rules

POST /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies/
{strategyIdOrName}/rules

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
strategyIdOrName	string	query	Strategy id or name

REQUEST

For <smart-rule-object>, see the [Smart Rule - object \(on page 88\)](#) topic.

```
{
  "toAdd": [
    <smart-rule-object>
  ],
}
```



```

"toDelete": [
  0
],
"toUpdate": [
  <smart-rule-object>
]
}

```

RESPONSE (Status Code: 202)

No content.

Delete Smart Rules

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies/
{strategyIdOrName}/rules

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
strategyIdOrName	string	path	Strategy id or name
ids	string	query	comma separated Smart rule IDs to be deleted.

RESPONSE (Status Code: 202)

No content.

Strategy Deployment

Description

These APIs are used to perform (un) deploy operations on the strategy.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Strategy deployment Object

Attribute Name	Type	Description	Required Cr	Required Up
campaignId	number	Campaign id		
deployAction	string	Deployment action <ul style="list-style-type: none"> • markDeploy • markUnDeploy • cancelDeploy • cancelUnDeploy 	✓	✓
state	number	State <ul style="list-style-type: none"> • 0: Ready for Deployment • 1: Ready for Undeployment • 2: Mark for Deployment • 3: Mark for Undeployment 	x	x
deployedState	number	Deployed state <ul style="list-style-type: none"> • 10: Not Yet Deployed • 11: Deployed • 12: Undeployed 	x	x
dirty	bool	Dirty deployment flag	x	x
lastProdDepTime	date	Last production deployment time	x	x

lastMarkTime	date	Last (un) marked for (un) deployment time	x	x
deploymentStatusText	string	Status text	x	x
deploymentWaitMessage	string	Waiting message	x	x

Strategy Deployment - object

For details, see the [Objects \(on page 95\)](#) topic.

Strategy Deployment<strategy-deployment-object>

```
{
  "campaignId": 0,
  "deployAction": "string",
  "deployedState": 0,
  "deploymentStatusText": "string",
  "deploymentWaitMessage": "string",
  "dirty": true,
  "lastMarkTime": "2021-01-01T01:02:03.456Z",
  "lastProdDepTime": "2021-01-01T01:02:03.456Z",
  "state": 0
}
```

Get Deployment State

Get Deployment State

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies/
{strategyIdOrName}/deployment

Parameters

Name	Type	In	Description
------	------	----	-------------

icldOrName	string	path	Interactive Channel id or name
strategyIdOrName	string	path	Strategy id or name

RESPONSE (Status Code: 200)

[Strategy Deployment - object \(on page 96\)](#)

Mark for (Un) Deployment

PUT /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies/
{strategyIdOrName}/deployment

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
strategyIdOrName	string	path	Strategy id or name

REQUEST

[Strategy Deployment - object \(on page 96\)](#)

RESPONSE (Status code: 202)

[Strategy Deployment - object \(on page 96\)](#)

Cancel mark for (Un) Deployment

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies/
{strategyIdOrName}/deployment

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name

strategyIdOrName	string	path	Strategy id or name
------------------	--------	------	---------------------

REQUEST

[Strategy Deployment - object \(on page 96\)](#)

RESPONSE (Status Code: 200)

[Strategy Deployment - object \(on page 96\)](#)

Smart Rule Group

These APIs are used to perform CRUD operations on the Smart Rule Group.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Smart Rule Group Object

Attribute Name	Type	Description	Required Cr	Required Up
id	number	Unique id	x	
name	string	Smart Rule Group name	✓	
description	string	Description of the Smart Rule Group		
strategyId	number	Strategy id	x	x
createBy	number	Created by user	x	x
createDate	number	Created date in Millis	x	x
updateBy	number	Updated by user	x	x
updateDate	number	Update date in Millis	x	x

ruleIdList	array-number	List of Smart rule ids	X	X
------------	--------------	------------------------	---	---

Smart Rule Group - object

For details, see the [Objects \(on page 98\)](#) topic.

Smart Rule Group <smart-rule-group-object>

```
{
  "createBy": 0,
  "createDate": 0,
  "description": "string",
  "id": 0,
  "name": "string",
  "ruleIdList": [
    0
  ],
  "strategyId": 0,
  "updateBy": 0,
  "updateDate": 0
}
```

Get Smart Rule Groups by Strategy

Get Smart Rule Groups by Strategy

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/strategies/
{strategyIdOrName}/ruleGroups

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name

strategyIdOrName	string	query	Strategy id or name
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.

RESPONSE (Status Code: 200)

For <smart-rule-group-object>, see the [Smart Rule Group - object \(on page 99\)](#) topic.

```
{
  "content": [
    <smart-rule-group-object>
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}
```

Get Smart Rule Groups by Smart Rule

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/strategies/
{strategyIdOrName}/ruleGroups/{ruleIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
strategyIdOrName	string	query	Strategy id or name
ruleIdOrName	string	query	Smart rule id or name
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.

RESPONSE (Status code: 200)

For <smart-rule-group-object>, see the [Smart Rule Group - object \(on page 99\)](#) topic.

```
{
  "content": [
    <smart-rule-group-object>
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}
```

Create Smart Rule Group

POST /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies/
 {strategyIdOrName}/ruleGroups

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
strategyIdOrName	string	query	Strategy id or name

REQUEST

[Smart Rule Group - object \(on page 99\)](#)

RESPONSE (Status Code: 201)

[Smart Rule Group - object \(on page 99\)](#)

Update Smart Rule Group

PUT /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies/
 {strategyIdOrName}/ruleGroups/{ruleGroupIdOrName}

Parameters

Name	Type	In	Description
icldOrName	String	path	Interactive Channel id or name
strategyIdOrName	String	query	Strategy id or name
ruleGroupIdOrName	String	query	Smart rule group id or name

REQUEST

[Smart Rule Group - object \(on page 99\)](#)

RESPONSE (Status Code: 202)

[Smart Rule Group - object \(on page 99\)](#)

Delete Smart Rule Group

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies/
{strategyIdOrName}/ruleGroups/{ruleGroupIdOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
strategyIdOrName	string	query	Strategy id or name
ruleGroupIdOrName	string	query	Smart rule group id or name

RESPONSE (Status Code: 200)

No content.

FlexOffers

These APIs are used to perform CRUD operations on FlexOffers.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

FlexOffers Object

Attribute Name	Type	Description	Required Cr	Required Up
offerMappingId	number	Unique id	x	x
offerMappingName	string	FlexOffers name	✓	

offerMappingDesc	string	Description of the FlexOffers		
delimiter	string	Delimiter used to parse csv		
fields	array-object	List of FlexOffers Attribute Object		
filterfields	array-object	List of FlexOffers Attribute Object		
override	bool	Override FlexOffers		
physicalTableName	string	Database table name		
serverGroups	array-object	List of FlexOffers Server Group Object		
sourceFileName	string	Source file name		
sourceSG	string	Source server group name		
lastProdDepTime	number	Last production deployment time in Millis	x	x
createBy	number	Created by user	x	x
createDate	number	Created date in Millis	x	x
updateBy	number	Updated by user	x	x
updateDate	number	Update date in Millis	x	x

FlexOffers Attribute Object

Attribute Name	Type	Description	Required Cr	Required Up
name	string	Attribute name	✓	
displayName	string	Display name for attribute		

dynamic	bool	Is attribute dynamic?		
relation	string	Relational operator <ul style="list-style-type: none"> • EQUAL • GREATER • GREATEREQUAL • LESS • LESSSQUEAL • NOTEQUAL • STARTSWITH • ENDSWITH • CONTAINS 		
size	number	Size		
type	string	Data type <ul style="list-style-type: none"> • STRING • LONG • BIT • INTEGER • DATE • FLOAT 	✓	
dateFormat	string	Date format		
value	object	Attribute Value		

FlexOffers Server Group Object

Attribute Name	Type	Description	Required Cr	Required Up
name	string	Server group name	✓	

table	string	Table name specific to Server Group	✓	
-------	--------	-------------------------------------	---	--

FlexOffers - object

For details, see the [Objects \(on page 103\)](#) topic.

FlexOffers <flexoffers-object>

```
{
  "createBy": 0,
  "createDate": "2021-05-19T08:10:33.308Z",
  "delimiter": "string",
  "fields": [
    <flex-offer-attribute-object>
  ],
  "filterfields": [
    <flex-offer-attribute-object>
  ],
  "lastProdDepTime": "2021-05-19T08:10:33.308Z",
  "offerMappingId": 0,
  "offerMappingDesc": "string",
  "offerMappingName": "string",
  "override": true,
  "physicalTableName": "string",
  "serverGroups": [
    <flex-offer-server-group-object>
  ],
  "sourceFileName": "string",
  "sourceSG": "string",
  "updateBy": 0,
  "updateDate": "2021-05-19T08:10:33.309Z"
}
```

FlexOffers Attribute <flex-offer-attribute-object>

```
{
  "dateFormat": "string",
  "displayName": "string",
  "dynamic": true,
  "name": "string",
  "relation": "string",
  "size": 0,
  "type": "string",
  "value": {}
}
```

FlexOffers Server Group <flex-offer--server-group-object>

```
{
  "name": "string",
  "table": "string"
}
```

Get All FlexOffers

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/flexoffers

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.

RESPONSE (Status code: 200)

For <flex-offer-object>, see the [FlexOffers - object \(on page 106\)](#) topic.

```
{
  "content": [
    <flex-offer-object>
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}
```

Get FlexOffers

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/flexoffers/
{flexofferIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	Flex Offer id or name

RESPONSE (Status code: 200)

[FlexOffers - object \(on page 106\)](#) topic.

Create FlexOffers

POST /Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name

RESPONSE (Status code: 201)

[FlexOffers - object \(on page 106\)](#).

Create FlexOffers from Imported Csv

POST /Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers/
uploadfile

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
file	multipart-file	form-data	CSV File

REQUEST

[FlexOffers - object \(on page 106\)](#)

RESPONSE (Status code: 201)

[FlexOffers - object \(on page 106\)](#)

Update FlexOffers

PUT /Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers//
{flexofferIdOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	Flex Offer id or name
targetServerGroup	string	query	Target Server Group name. (Optional)

REQUEST

[FlexOffers - object \(on page 106\)](#)

RESPONSE (Status code: 202)

[FlexOffers - object \(on page 106\)](#)

Copy FlexOffers

PUT /Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers//
{flexofferIdOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	Flex Offer id or name
targetServerGroup	string	query	Target Server Group name

REQUEST

[FlexOffers - object \(on page 106\)](#)

RESPONSE (Status code: 202)

[FlexOffers - object \(on page 106\)](#)

Delete FlexOffers

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers//
{flexofferIdOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	Flex Offer id or name

RESPONSE (Status code: 200)

No content

Get All Server Groups

GET /Campaign/api/interact/rest/v2/servergroups

Parameters

Name	Type	In	Description
all	bool	query	Get all server group flag. (Default: false) (Optional)

RESPONSE (Status code: 200)

```
[
  "SG1" ,
  "SG2"
]
```

Get Server Group Details

GET /Campaign/api/interact/rest/v2/servergroups/{servergroupname}

Parameters

Name	Type	In	Description
serverGroupName	string	path	Server Group name

RESPONSE (Status code: 200)

```
{
  "dataSource": "string",
  "instanceURLs": [
    "string"
  ],
  "serverGroupName": "string"
}
```

Get All Tables by Server Group

GET /Campaign/api/interact/rest/v2/tables

Parameters

Name	Type	In	Description
serverGroupName	string	path	Server Group name

RESPONSE (Status code: 200)

```
[
  "SG1",
  "SG2"
]
```

FlexOffers Rules

These APIs are used to perform CRUD operations on FlexOffers rules.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

FlexOffers Rule Object

Attribute Name	Type	Description	Required	
			Cr	Up
offerMappingRowID	number	Unique id		
cellId	number	Cell id	✓	
cellCode	string	Cell code		
zoneId	number	Zone id		
zoneName	string	Zone name		
offerId	number	Offer id	✓	✓
offerCode	string	Offer name		
offerName	string	Offer code		
parameterizedOfferAttribute	string	Parameterized Offer Attribute	x	
enabled	bool	Enable / Disable rule		
eligibilityPredicateEnabled	bool	Enable / Disable eligibility predicate		
eligibilityPredicateId	number	Predicate id for eligibility	x	
eligibilityPredicate	string	Predicate to define eligibility		

effectiveDate	number	Effective date in Millis		
expirationDate	number	Expiration date in Millis		
score	number	Score	✓	✓
scorePredicate	string	Predicate to calculate score		
scorePredicateEnabled	bool	Enable / Disable score predicate		
scorePredicateId	number	Predicate id for score	x	
learningMode	number	Learning mode 1: Learning mode not set at this level; inherit setting 2: Use Marketer score 3: Use Learning score		
learningModelId	number	Learning model id		
lmName	string	Learning model name		
offerAttrExpressions	array-object	List of Offer Attribute Expression Object		
userdefinedFields	array-object	List of Offer Mapping Attribute Object		
userdefinedFieldsMap	map	Offer Attribute map	x	
createBy	number	Created by user	x	x
createDate	number	Created date in Millis	x	x
updateBy	number	Updated by user	x	x
updateDate	number	Update date in Millis	x	x

Offers Attribute Expression Object

Attribute Name	Type	Description	Required Cr	Required Up
attrId	number	Unique id	✓	✓
attrName	string	Attribute name		
expression	string	Expression to calculate value for attribute	✓	✓

Offer Mapping Attribute Object

Attribute Name	Type	Description	Required Cr	Required Up
name	string	Attribute name		
displayName	string	Display name for attribute		
relation	string	Relational operator <ul style="list-style-type: none"> • EQUAL • GREATER • GREATEREQUAL • LESS • LESSSQUEAL • NOTEQUAL • STARTSWITH • ENDSWITH • CONTAINS 		
size	number	Size		

type	string	Data type <ul style="list-style-type: none"> • STRING • LONG • BIT • INTEGER • DATE • FLOAT • DOUBLE 		
dateFormat	string	Date format		
value	object	Attribute Value		

FlexOffers Rule - object

For details, see the [Objects \(on page 113\)](#) topic.

FlexOffers Rule<flexoffers-rule-object>

```
{
  "cellCode": "string",
  "cellId": 0,
  "createBy": 0,
  "createDate": "2021-05-19T08:19:46.467Z",
  "effectiveDate": 0,
  "eligibilityPredicate": "string",
  "eligibilityPredicateEnabled": true,
  "eligibilityPredicateId": 0,
  "enabled": true,
  "expirationDate": 0,
  "learningMode": 0,
  "learningModelId": 0,
  "lmName": "string",
```

```

"offerAttrExpressions": [
  <offer-attribute-expression-object>
],
"offerCode": "string",
"offerId": 0,
"offerMappingRowID": 0,
"offerName": "string",
"parameterizedOfferAttribute": "string",
"score": 0,
"scorePredicate": "string",
"scorePredicateEnabled": true,
"scorePredicateId": 0,
"updateBy": 0,
"updateDate": "2021-05-19T08:19:46.467Z",
"userdefinedFields": [
  <offer-mapping-attribute-object>
],
"userdefinedFieldsMap": {},
"zoneId": 0,
"zoneName": "string"
}

```

Offer Attribute Expression <offer-attribute-expression-object>

```

{
  "attrId": 0,
  "attrName": "string",
  "expression": "string"
}

```

Offer Mapping Attribute <offer-mapping-attribute-object>

```

{
  "dateFormat": "string",

```



```

"displayName": "string",
"name": "string",
"relation": "EQUAL",
"size": 0,
"type": "STRING",
"value": {}
}

```

Get All FlexOffer Rules

GET / Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers/
{flexofferIdOrName}/rules

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	Flex Offer id or name
condition	map	query	Key-Value pair <ul style="list-style-type: none"> • Ex. OfferName=eq;OfferA
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.

RESPONSE (Status code: 200)

For <flex-offer-rule-object>, see the [FlexOffers Rule - object \(on page 116\)](#).

```

{
  "content": [

```

```

    <flex-offer-rule-object>
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}

```

Get FlexOffer Rules

GET / Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers/
 {flexofferIdOrName}/rules/{ruleIdOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	FlexOffers id or name
ruleIdOrName	string	path	FlexOffers Rule id or name

RESPONSE (Status code: 200)

[FlexOffers Rule - object \(on page 116\)](#)

Save FlexOffer Rules

POST / Campaign/interact/api/v2/channels/{icldOrName}/flexoffers/
 {flexofferIdOrName}/rules

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	FlexOffers id or name

REQUEST

For <flex-offer-rule-object> and <offer-mapping-attribute-object>, see the [FlexOffers Rule - object \(on page 116\)](#) topic.

```
{
  "newColumns": [
    <offer-mapping-attribute-object>
  ],
  "toAdd": [
    <flex-offer-rule-object>
  ],
  "toDelete": [
    0
  ],
  "toUpdate": [
    <flex-offer-rule-object>
  ]
}
```

RESPONSE (Status code: 202)

No content

Delete FlexOffer Rules

DELETE /Campaign/interact/api/v2/channels/{icldOrName}/flexoffers/
{flexofferIdOrName}/rules

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	FlexOffers id or name
ids	string	query	Comma separated rule IDs to be deleted.

RESPONSE (Status code: 200)

No content

Preview of System Table columns

GET /Campaign/interact/api/v2/preview/systemcolumns

RESPONSE (Status code: 200)

For <offer-mapping-attribute-object>, see the [FlexOffers Rule - object \(on page 116\)](#) topic.

```
{
  "content": [
    <offer-mapping-attribute-object>
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}
```

```

}
}

```

FlexOffers Filters

These APIs are used to perform CRUD operations on FlexOffers filters.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

FlexOffers Filter Object

Attribute Name	Type	Description	Required Cr	Required Up
filterID	number	Unique id	x	x
name	string	Filter name	✓	
description	string	Description of the Filter		
isDefault	bool	Is default filter?		
offerMappingId	number	Flex Offer id	x	x
filters	array-object	List of Flex Offer Attribute Object	✓	
createBy	number	Created by user	x	x
createDate	number	Created date in Millis	x	x
updateBy	number	Updated by user	x	x
updateDate	number	Update date in Millis	x	x

FlexOffers Attribute Object

Attribute Name	Type	Description	Required Cr	Required Up
name	string	Attribute name	✓	✓
displayName	string	Display name for attribute	x	x
dynamic	bool	Is attribute dynamic?		
relation	string	Relational operator <ul style="list-style-type: none"> • EQUAL • GREATER • GREATEREQUAL • LESS • LESSSQUEAL • NOTEQUAL • STARTSWITH • ENDSWITH • CONTAINS 	ü	ü
size	number	Size		
type	string	Data type <ul style="list-style-type: none"> • STRING • LONG • BIT • INTEGER • DATE • FLOAT 	✓	✓
dateFormat	string	Date format	x	x

value	object	Attribute Value		
-------	--------	-----------------	--	--

FlexOffers Filter - object

For details, see the [Objects \(on page 122\)](#) topic.

FlexOffers Filter<flexoffers-filter-object>

```
{
  "createBy": 0,
  "createDate": "2021-05-19T08:19:46.324Z",
  "description": "string",
  "filterID": 0,
  "filters": [
    <flex-offer-attribute-object>
  ],
  "isDefault": true,
  "name": "string",
  "offerMappingId": 0,
  "updateBy": 0,
  "updateDate": "2021-05-19T08:19:46.324Z"
}
```

FlexOffers Attribute <flex-offer-attribute-object>

```
{
  "dateFormat": "string",
  "displayName": "string",
  "dynamic": true,
  "name": "string",
  "relation": "string",
  "size": 0,
  "type": "string",
  "value": {}
}
```

}

Get All FlexOffers Filters

GET / Campaign/api/interact/rest/v2/channels/{icIdOrName}/flexoffers/
{flexofferIdOrName}/filters

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	Flex Offer id or name
condition	map	query	Key-Value pair • Ex. OfferName=eq;OfferA
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.

RESPONSE (Status code: 200)

For <flex-offer-filter-object>, see the [FlexOffers Filter - object \(on page 124\)](#).


```
{
  "content": [
    <flex-offer-filter-object>
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
  }
}
```



```

    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}

```

 **Note:** This output does not include conditions.

Get FlexOffers Filters

GET/Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers/
{flexofferIdOrName}/filters/ {filterByIdOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	FlexOffers id or name
filterByIdOrName	string	path	FlexOffers Filter id or name

RESPONSE (Status code: 200)

[FlexOffers Filter - object \(on page 124\)](#).

Create FlexOffers Filters

POST/Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers/
{flexofferIdOrName}/filters

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name

flexofferIdOrName	string	path	FlexOffers id or name
-------------------	--------	------	-----------------------

REQUEST

[FlexOffers Filter - object \(on page 124\)](#)

RESPONSE (Status Code: 200)

[FlexOffers Filter - object \(on page 124\)](#)

Update FlexOffers Filters

PUT/Campaign/api/interact/rest/v2/channels/{icIdOrName}/flexoffers/
{flexofferIdOrName}/filters/{filterIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	Flex Offer id or name
filterByIdOrName	string	path	Flex Offer Filter id or name
mode[ML1]	string	query	Filter mode (Optional) • copy

REQUEST

[FlexOffers Filter - object \(on page 124\)](#)

RESPONSE (Status Code: 202)

[FlexOffers Filter - object \(on page 124\)](#)

Delete FlexOffers Filters

DELETE/Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers/
 {flexofferIdOrName}/filters/{filterIdOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	Flex Offer id or name
filterByIdOrName	string	path	Flex Offer Filter id or name

RESPONSE (Status Code: 200)

No content

FlexOffers Deployment

These APIs are used to perform CRUD operations on the FlexOffers for deployment.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

FlexOffers Deployment Object

Attribute Name	Type	Description	Required Cr	Required Up
deployAction	string	Deployment action <ul style="list-style-type: none"> • markDeploy • markUnDeploy • cancelDeploy 	✓	✓

		<ul style="list-style-type: none"> • cancelUnDeploy 		
state	number	State <ul style="list-style-type: none"> • 0: Ready for Deployment • 1: Ready for Undeployment • 2: Mark for Deployment • 3: Mark for Undeployment 	X	X
deployedState	number	Deployed state <ul style="list-style-type: none"> • 10: Not Yet Deployed • 11: Deployed • 12: Undeployed 	X	X
dirty	bool	Dirty deployment flag	X	X
lastProdDepTime	date	Last production deployment time	X	X
lastMarkTime	date	Last (un) marked for (un) deployment time	X	X
deploymentStatusText	string	Status text	X	X
deploymentWaitMessage	string	Waiting message	X	X

FlexOffers Deployment - object

For details, see the [Objects \(on page 128\)](#) topic.

FlexOffers Deployment <flexoffers-deployment-object>

```
{
  "deployAction": "string",
  "deployedState": 0,
  "deploymentStatusText": "string",
```

```

"deploymentWaitMessage": "string",
"dirty": true,
"lastMarkTime": "2021-01-01T01:02:03.456Z",
"lastProdDepTime": "2021-01-01T01:02:03.456Z",
"state": 0
}

```

Get Deployment State

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers/{flexofferIdOrName}/deployment

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	Flex Offer id or name

RESPONSE (Status Code: 200)

[FlexOffers Deployment - object \(on page 129\)](#)

Mark for (Un) Deployment

PUT /Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers/{flexofferIdOrName}/deployment

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	Flex Offer id or name

REQUEST

[FlexOffers Deployment - object \(on page 129\)](#)

RESPONSE (Status code: 202)

[FlexOffers Deployment - object \(on page 129\)](#)

Cancel mark for (Un) Deployment

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/flexoffers/
{flexofferIdOrName}/deployment

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flexofferIdOrName	string	path	Flex Offer id or name

REQUEST

[FlexOffers Deployment - object \(on page 129\)](#)

RESPONSE (Status Code: 200)

[FlexOffers Deployment - object \(on page 129\)](#)

Gateway

Description

These APIs are used to perform CRUD operations on Gateway.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Gateway Object

Attribute Name	Type	Description	Required	Required	Required
			Cr	Up	Cp
Id	number	Unique id	x	x	x
Name	string	Gateway name	✓		✓
Description	string	Description of the Gateway			
icId	number	Interactive Channel id			ü
audienceLevel	string	Audience Level	✓		✓
Type	number	Gateway type <ul style="list-style-type: none"> • 1: Generic Outbound • 2: Generic Inbound • 3: Journey Outbound • 4: Deliver Outbound 	✓		✓
priority	number	Gateway priority	✓		✓
noOfMessages	number	Number of messages			
defaultCellID	number	Default Cell ID			
defaultCellCode	string	Default Cell Code	x	x	x
contentMapping	array-object	List of Content Mapping Object			
eventMapping	array-object	List of Event Mapping Object			
effectiveDate	number	Effective date in Millis			
expirationDate	number	Expiration date in Millis			

templateId	string	Deliver Template Id			
templateName	string	Deliver Template Name			
templateType	string	Deliver Template Type			
appId	number	Mobile App Id			
appName	string	Mobile App Name			
createBy	number	Created by user	x	x	x
createDate	number	Created date in Millis	x	x	x
updateBy	number	Updated by user	x	x	x
updateDate	number	Update date in Millis	x	x	x

Content Mapping Object

Attribute Name	Type	Description	Required	Required	Required
			Cr	Up	Cp
interactFieldName	string	Interact field name			
endpointFieldName	string	Endpoint field name			
type	string	Content Mapping type <ul style="list-style-type: none"> • string • numeric • datetime 			
mandatory	bool	Is mandatory mapping?			
defaultValue	object	Default Value			
size	number	Size of value			
expression	bool	Is an expression?			

custom	bool	Is custom attribute?			
dateFormat	string	Date Format			

Event Mapping Object

Attribute Name	Type	Description	Required		
			Cr	Up	Cp
endpointEvent	string	Endpoint event name	✓	✓	✓
interactEvent	string	Interact event nam	✓	✓	✓
contentMapping	array-object	List of Content Mapping Object			

Gateway - object

For details, see the [Objects \(on page 131\)](#) topic.

Gateway <gateway-object>

```
{
  "audienceLevel": "string",
  "contentMapping": [
    <content-mapping-object>
  ],
  "createBy": 0,
  "createDate": "2021-05-19T08:19:46.328Z",
  "defaultCellCode": "string",
  "defaultCellID": 0,
  "description": "string",
  "effectiveDate": 0,
  "eventMapping": [
    <event-mapping-object>
  ],
}
```

```

"expirationDate": 0,
"icId": 0,
"id": 0,
"name": "string",
"noOfMessages": 0,
"priority": 0,
"templateId": "string",
"templateName": "string",
"templateType": "string",
"type": 0,
"updateBy": 0,
"updateDate": "2021-05-19T08:19:46.328Z"
}

```

Content Mapping <content-mapping-object>

```

{
  "custom": true,
  "dateFormat": "string",
  "defaultValue": {},
  "endpointFieldName": "string",
  "expression": true,
  "interactFieldName": "string",
  "mandatory": true,
  "size": 0,
  "type": "string"
}

```

Event Mapping <event-mapping-object>

```

{
  "contentMapping": [
    <content-mapping-object>
  ],
}

```

```

"endpointEvent": "string",
"interactEvent": "string"
}

```

Get All Gateways

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/gateways

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
typedId	number	query	Gateway type <ul style="list-style-type: none"> • 1: Generic Outbound • 2: Generic Inbound • Journey Inbound
page	number	query	nth page to retrieve records. Default is 0 (first page).
size	number	query	Number of records per page. Default is 10.

RESPONSE (Status Code: 200)

For <gateway-object>, see the [Gateway - object \(on page 134\)](#) topic.

```

{
  "content": [
    <gateway-object>
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,

```

```

    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}

```

Get Gateway

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/gateways/
{gatewayId}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
gatewayId	number	path	Gateway id

RESPONSE (Status Code: 200)

[Gateway - object \(on page 134\)](#)

Create Gateway

POST /channels/{icIdOrName}/gateways

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name

REQUEST

[Gateway - object \(on page 134\)](#)

RESPONSE (Status code: 201)

[Gateway - object \(on page 134\)](#)

Copy Gateway

POST /Campaign/api/interact/rest/v2/channels/{icldOrName}/gateways/
{gatewayId}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
gatewayId	number	path	Gateway id

REQUEST

[Gateway - object \(on page 134\)](#)

RESPONSE (Status code: 201)

[Gateway - object \(on page 134\)](#)

Update Gateway

PUT /Campaign/api/interact/rest/v2/channels/{icldOrName}/gateways/
{gatewayId}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
gatewayId	number	path	Gateway id

REQUEST

[Gateway - object \(on page 134\)](#)

RESPONSE (Status code: 202)

[Gateway - object \(on page 134\)](#)

Delete Gateway

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/gateways/
{gatewayId}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
gatewayId	number	path	Gateway id

RESPONSE (Status code: 200)

No content

Interactive Channel Deployment

This API is used to deploy interactive channel.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Interactive Channel Deployment Object

Attribute Name	Type	Description	Required	Required
			Cr	Up
icldOrName	string	Interactive Channel id or name	✓	✓
rtUsername	string	Interact run time username	✓	✓

rtPassword	string	Interact run time user password	✓	✓
serverGroup	string	Server Group name	✓	✓
serverGroupType	string	Server Group type <ul style="list-style-type: none"> • 1: Production • 2: Test 	✓	✓

Deployment or Undeployment

POST /Campaign/api/interact/rest/v2/deployments

Parameters

Name	Type	In	Description
request	number	query	Task to perform: <ul style="list-style-type: none"> • 1: Deploy • 2: Undeploy
includeGlobal	bool	query	Include global data or not in the task. (Default: true)
globalOnly	bool	query	Only (un) deploy global data

REQUEST

```
{
  "icIdOrName": "string",
  "rtPassword": "string",
  "rtUsername": "string",
  "serverGroup": "string",
  "serverGroupType": 0
}
```

```
}

```

RESPONSE (Status Code: 200)

```
{
  "Deployment finished successfully"
}
```

Interactive Flowchart Process Box

These APIs are used to perform CRUD operations on Interactive flowchart process box.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Interactive Flowchart Process Box

Attribute Name	Type	Description	Required Cr	Required Up
pbID	number	Process box id		
name	string	Process box name		
notes	string	Description of the process box		
upstreamPBNames	array-string	Upstream process box names		
downstreamPBNames	array-string	Downstream process box names		

processBoxConfiguration	object	Process Box Configuration Object <ul style="list-style-type: none"> • Interaction • Decision • PopulateSeg • Select 		
-------------------------	--------	---	--	--

Process Box - object

For details, see the [Objects \(on page 141\)](#) topic.

Process Box <process-box-object>

```
{
  "downstreamPBNames": [
    "string"
  ],
  "name": "string",
  "notes": "string",
  "pbID": 0,
  "processBoxConfiguration": {},
  "upstreamPBNames": [
    "string"
  ]
}
```

Process Box Configuration: Interaction

```
{
  "type": "Interaction",
  "selectAllIds": false,
  "maxSize": "eg: 5"
}
```

Process Box Configuration: Decision

```

{
  "input": [
    "<process-box-name>"
  ],
  "type": "Decision",
  "mutuallyExclusiveBranches": false,
  "branchDetails": [
    {
      "branchName": "<branch-name>",
      "selectAllIds": false,
      "expression": "expression eg: CUSTOMERID < 10",
      "tableName": "table name eg: dbo_CUST"
    },
  ]
}

```

Process Box Configuration: PopulateSeg

```

{
  "type": "PopulateSeg",
  "inputPBLlist": [
    {
      "policyId": <policy-id>,
      "description": "<description>",
      "inputCell": "<input-cell>",
      "segmentName": "<segment-name>",
      "folderId": <folder-id>
    }
  ]
}

```

Process Box Configuration: Select

```
{
  "type": "Select",
  "selectInputTables": "table name eg: dbo_CUST1",
  "selectAllIds": false,
  "expression": "Expression is provided in case selectAllIds is false not
  otherwise eg: CUSTOMERID < 30"
}
```

Get All Process Box

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/flowcharts/
{flowchartIdOrName}/processboxes

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
flowchartIdOrName	string	path	Interactive Flowchart id or name
sessionId	number	query	Session id

RESPONSE (Status Code: 200)

For <process-box-object>, see the [Process Box - object \(on page 142\)](#) topic.

```
[
  <process-box-object>
]
```

Get Process Box

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/flowcharts/
{flowchartIdOrName}/processboxes /{pbIdOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flowchartIdOrName	string	path	Interactive Flowchart id or name
pbldOrName	string	path	Process Box id or name
sessionId	number	query	Session id

RESPONSE (Status Code: 200)

[Process Box - object \(on page 142\)](#)

Create Process Box

POST /Campaign/api/interact/rest/v2/channels/{icldOrName}/flowcharts/{flowchartIdOrName}/processboxes

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flowchartIdOrName	string	path	Interactive Flowchart id or name
sessionId	number	query	Session id

REQUEST

[Process Box - object \(on page 142\)](#)

RESPONSE (Status code: 201)

For <process-box-object>, see the [Process Box - object \(on page 142\)](#) topic.

```
[
  <process-box-object>
```

]

Update Process Box

PUT /Campaign/api/interact/rest/v2/channels/{icldOrName}/flowcharts/{flowchartIdOrName}/processboxes/{pbldOrName}

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flowchartIdOrName	string	path	Interactive Flowchart id or name
pbldOrName	string	path	Process Box id or name
sessionId	number	query	Session id

REQUEST

[Process Box - object \(on page 142\)](#)

RESPONSE (Status code: 200)

[Process Box - object \(on page 142\)](#)

Delete Process Box

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/flowcharts/{flowchartIdOrName}/processboxes

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name
flowchartIdOrName	string	path	Interactive Flowchart id or name

pblids	string	query	Comma separated process box IDs to be deleted.
sessionId	number	query	Session id

RESPONSE (Status code: 200)

No content

Interactive Flowchart

These APIs are used to perform CRUD operations on interactive flowcharts.

Objects

For abbreviations, see the [Abbreviations \(on page 4\)](#) topic.

Interactive Flowchart Option

Attribute Name	Type	Description	Required Cr	Required Up
audienceName	string	Audience name	ü	ü
flowchartName	string	Flowchart name	ü	ü
flowchartNote	string	Description of the Flowchart		

Interactive Flowchart Response

Attribute Name	Type	Description
flowchartId	number	Flowchart id
flowchartName	string	Flowchart name

displayName	string	Display name
name	string	Name
fileName	string	Flowchart File name
description	string	Description of the Flowchart
audienceName	string	Audience name
sessionId	number	Session id
sessionName	string	Session name
retired	bool	Is retired?
createBy	number	Created by user
createDate	string	Created date

Deployment Action

Attribute Name	Type	Description	Required Cr	Required Up
deployAction	string	Deployment Action <ul style="list-style-type: none"> • markDeploy: Mark for deployment • markUnDeploy: Mark for undeployment 	✓	✓

Deployment Data Object

Attribute Name	Type	Description
state	number	State <ul style="list-style-type: none"> • 0: READY_FOR_DEPLOYMENT • 1: READY_FOR_UN_DEPLOYMENT

		<ul style="list-style-type: none"> • 2: MARK_FOR_DEPLOYMENT • 3: MARK_FOR_UN_DEPLOYMENT
deployedState	number	Deployed state <ul style="list-style-type: none"> • 10: NOT_YET_DEPLOYED • 11: DEPLOYED • 12: UN_DEPLOYED • 13: TO_BE_DEPLOYED • 14: TO_BE_UNDEPLOYED
dirty	bool	Dirty deployment flag
lastProdDepTime	date	Last production deployment time
lastMarkTime	date	Last (un) marked for (un) deployment time

Interactive flowchart - object

For details, see the [Objects \(on page 147\)](#) topic.

Interactive Flowchart Option <interactive-flowchart-option-object>

```
{
  "audienceName": "string",
  "flowchartName": "string",
  "flowchartNote": "string"
}
```

Interactive Flowchart Response <interactive-flowchart-response-object>

```
{
  "audienceName": "string",
  "createBy": 0,
  "createDate": "2021-05-19T08:19:46.557Z",
  "description": "string",
  "displayName": "string",
```



```

"fileName": "string",
"flowchartId": 0,
"flowchartName": "string",
"name": "string",
"retired": true,
"sessionId": 0,
"sessionName": "string"
}

```

Deployment Action <deployment-action-object>

```

{
  "deployAction": "string"
}

```

Deployment Data <deployment-data-object>

```

{
  "deployedState": 0,
  "dirty": true,
  "lastMarkTime": "2021-01-01T01:02:03.456Z",
  "lastProdDepTime": "2021-01-01T01:02:03.456Z",
  "state": 0
}

```

Create Interactive Flowchart

POST /Campaign/api/interact/rest/v2/channels/{icldOrName}/flowcharts

Parameters

Name	Type	In	Description
icldOrName	string	path	Interactive Channel id or name

sessionId	number	query	Session id
-----------	--------	-------	------------

REQUEST

[Interactive flowchart - object \(on page 149\)](#)

RESPONSE (Status code: 200)

[Interactive flowchart - object \(on page 149\)](#)

Validate Interactive Flowchart

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/flowcharts/{flowchartIdOrName}/validation

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
flowchartIdOrName	string	path	Interactive Flowchart id or name
sessionId	number	query	Session id

RESPONSE (Status code: 200)

No content

Delete Interactive Flowchart

DELETE /Campaign/api/interact/rest/v2/channels/{icIdOrName}/flowcharts/{flowchartIdOrName}

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name

flowchartIdOrName	string	path	Interactive Flowchart id or name
sessionId	number	query	Session id

RESPONSE (Status code: 200)

No content

Get Deployment State

GET /Campaign/api/interact/rest/v2/channels/{icIdOrName}/flowcharts/{flowchartIdOrName}/deployments

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
flowchartIdOrName	string	path	Interactive Flowchart id or name
sessionId	number	query	Session id

RESPONSE (Status code: 200)

See the <deployment-data-object> in the [Interactive flowchart - object \(on page 149\)](#) topic.

Mark for (Un) Deployment

PUT /Campaign/api/interact/rest/v2/channels/{icIdOrName}/flowcharts/{flowchartIdOrName}/deployments

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name

flowchartIdOrName	string	path	Interactive Flowchart id or name
sessionId	number	query	Session id

REQUEST

See the <deployment-action-object> in the [Interactive flowchart - object \(on page 149\)](#) topic.

RESPONSE (Status code: 202)

See the <deployment-data-object> in the [Interactive flowchart - object \(on page 149\)](#) topic.

Cancel Mark for (Un) Deployment

DELETE /Campaign/api/interact/rest/v2/channels/{icIdOrName}/flowcharts/{flowchartIdOrName}/deployments

Parameters

Name	Type	In	Description
icIdOrName	string	path	Interactive Channel id or name
flowchartIdOrName	string	path	Interactive Flowchart id or name
sessionId	number	query	Session id

RESPONSE (Status code: 200)

No Content.