

# **Unica Interact V12.1 Rest API Guide**



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# Chapter 1. Rest API Guide

contains information about Rest API for Unica Interact Runtime and Unica Interact Design Time.

## Rest API for Unica Interact Runtime

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

### API - Sessions

#### Start Session

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

#### Methods

POST/interact/v2/sessions/{sessionID}?  
ic={icName}&audienceLevel={audienceLevel}&audien  
celDField={audienceIDField}

This API call starts the Interact session.

#### Parameters

| Parameters      | Description                 |
|-----------------|-----------------------------|
| ic              | Interactive Channel Name    |
| sessionID       | Interact Runtime Session ID |
| audienceLevel   | Audience Level              |
| audienceIDField | Audience ID                 |

## Body Parameter

This is used to provide the start session command details.

Content-Type: application/json

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

## Example Result

Content-Type: application/json

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

```
}
```

## End Session

This API call ends and removes the Interact session.

DELETE/interact/v2/sessions/{sessionId}

## Parameters

| Parameter | Description                 |
|-----------|-----------------------------|
| sessionId | Interact Runtime Session ID |

## Example Result

Content-Type: application/json

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

# API - Offers

## Description

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

## Get Offers

This API call gets offers from the started Interact session.

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

## Parameters

| Parameters         | Description                 |
|--------------------|-----------------------------|
| sessionId          | Interact Runtime Session ID |
| interactionPointID | Interaction Point ID        |
| number             | Number of offers requested  |

## Example Result

Content-Type: application/json

```
{
  "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

This API call gets offers for multiple interaction points.

POST/interact/v2/offers/{sessionId}

## Body Parameter

This is used to provide the get offers for multiple IP command details.

## Parameters

| Parameter | Description                  |
|-----------|------------------------------|
| sessionId | Interact Runtime Session ID. |

Content-Type: application/json

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



```

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

```

### Example Result

Content-Type: application/json

```

{
  "messages": [],
  "offerLists": [
    {
      "defaultString": "string",
      "ip": "string",
      "offers": [
        {
          "attributes": [
            {
              "n": "string",
              "t": "string",

```

```

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

```

## API - Events

### Description

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

### Post Event

This API call posts event to the Interact session.

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

### Parameters

| Parameters | Description                 |
|------------|-----------------------------|
| sessionId  | Interact Runtime Session ID |

| Parameters | Description |
|------------|-------------|
| eventName  | Event Name  |

### Body Parameter

This is used to provide the post event command details.

Content-Type: application/json

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

### Example Result

Content-Type: application/json

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

## API - Profiles

### Description

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

### Get Profile

This API call gets profile data from Interact session.

GET/interact/v2/profiles/{sessionID}

### Parameters

| Parameter | Description                 |
|-----------|-----------------------------|
| sessionID | Interact Runtime session ID |

### Example Result

Content-Type: application/json

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

## API - Audience

### Description

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

### Set Audience

This API call sets audience data to the Interact session.

PUT/interact/v2/audience/{sessionID}?

audienceLevel={audienceLevel}&audienceIDField={audienceIDField}

### Parameters

| Parameters      | Description                 |
|-----------------|-----------------------------|
| sessionID       | Interact Runtime session ID |
| audienceLevel   | Audience Level              |
| audienceIDField | Audience ID                 |

### Body Parameter

This is used to provide the post event command details.

Content-Type: application/json

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

### Example Result

Content-Type: application/json

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

## API - Batch Execute

### Description

These APIs are used to execute batch commands.

### Methods

POST /v2/batch/{sessionId}

### Parameters

| Parameters | Description                 |
|------------|-----------------------------|
| sessionId  | Interact runtime session ID |

### Body Parameter

This is used to provide the start session command details.

Content-Type: application/json

```
{
  "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
}
}

```

### Example Result

Content-Type: application/json

```

{
  "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"  
  }  
]  
}
```

## API - Deployment

### Description

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

### Get Deployed Channel

This API call gets the currently active deployment information of an interactive channel.

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

### Parameters

| Parameter  | Description                    |
|------------|--------------------------------|
| icldOrName | Interactive Channel ID or Name |

### Example Result

Content-Type: application/json

```
{  
  "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

This API call gets the deployment information of all currently deployed offers.

GET/interact/v2/deployments/offers

## Example Result

Content-Type: application/json

```

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

```

```
]
}
```

## API - 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

| Parameters    | Description                             |
|---------------|-----------------------------------------|
| audienceLevel | Audience level (mandatory)              |
| sessionID     | Interact Runtime Session ID (mandatory) |
| startTime     | Start Time (optional)                   |
| endTime       | End Time (optional)                     |

### Output

**Table 1. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```
[
  {
```

```

    "audienceId": {
      "CustomerId":4
    },
    "rtURL": "192.168.1.11:7001",
    "batchId": "8a65967d-9d29-47d9-84eb-c2a86817c35c",
    "sessionId": "{s12}",
    "apiTime": 1607775983000,
    "api": "startSession",
    "processTime": 61,
    "status": 0,
    "message": null,
    "intChannel": "Auto_PVT_IC",
    "intPoint": null,
    "relyOnExistingSession": 0,
    "noOfferRequested": 0,
    "event": null,
    "offerRequest": null,
    "parametersCount": 0,
    "parameters": null,
    "response": null
  },
  {
    "audienceId": {
      "CustomerId":100
    },
    "rtURL": "192.168.1.11:7001",
    "batchId": "e46ab5f9-976e-4c77-b379-35119568dea7",
    "sessionId": "{s12}",
    "apiTime": 1607775965000,
    "api": "startSession",
    "processTime": 136,
    "status": 1,

```



```

        "message": "{ \"messages\": [ \"Audience: AudienceId
(Customer) [CUSTOMERID=100.0] not found in profile table for
sessionID: {s12}.\" ] }",
        "intChannel": "Auto_PVT_IC",
        "intPoint": null,
        "relyOnExistingSession": 0,
        "noOfferRequested": 0,
        "event": null,
        "offerRequest": null,
        "parametersCount": 0,
        "parameters": null,
        "response": null
    }
]

```

### Get API Audit by Audience ID

GET/interact/v2/APIhistory/audience?

audienceLevel={audienceLevel}&audienceIDField=

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

### Parameters

| Parameters       | Description                                               |
|------------------|-----------------------------------------------------------|
| audienceLevel    | Audience Level (mandatory)                                |
| audienceIDField  | Audience ID (mandatory)                                   |
| startTime        | Start time (optional)                                     |
| endTime          | End time (optional)                                       |
| offerArbitration | Offer Arbitration Flag (optional) – if set (value= false) |

### Output

**Table 2. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```
[
{
  "audienceId": {
    "CustomerID":100
  },
  "rtURL": "192.168.1.11:7001",
  "batchId": "e46ab5f9-976e-4c77-b379-35119568dea7",
  "sessionId": "{s12}",
  "apiTime": 1607775965000,
  "api": "startSession",
  "processTime": 136,
  "status": 1,
  "message": "{\"messages\": [\"Audience: AudienceId (Customer) [CUSTOMERID=100.0] not found in profile table for sessionId: {s12}.\"]}",
  "intChannel": "Auto_PVT_IC",
  "intPoint": null,
  "relyOnExistingSession": 0,
  "noOfofferRequested": 0,
  "event": null,
  "offerRequest": null,
  "parametersCount": 0,
  "parameters": null,
}
```

```

        "response": null
    }
]

```

### Get Offer Arbitration information by Audience ID

GET/interact/v2/APIhistory/audience?

audienceLevel={audienceLevel}&audienceIDField=

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

### Parameters

| Parameters       | Description                                    |
|------------------|------------------------------------------------|
| audienceLevel    | Audience level (mandatory)                     |
| audienceIDField  | Audience ID (mandatory)                        |
| startTime        | Start Time (optional)                          |
| endTime          | End Time (optional)                            |
| offerArbitration | Offer Arbitration Flag (mandatory–value= true) |

### Output

**Table 3. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```

[
  {
    "audienceId": {
      "CustomerID":5
    }
  }
]

```

```

    },
    "rtURL": "10.190.94.179:7001",
    "batchId": "ad2146cc-9b38-4ce2-8d62-ebd7a8fad0fd",
    "sessionId": "S5",
    "apiTime": 1606115027000,
    "api": "getOffers",
    "processTime": 31,
    "status": 0,
    "message": "{\n  \"messages\": [\n    {\n      \"candidates\": [\n        {\n          \"code\": \"000000041, 000000, pppppppppp,\n            qqqqqqqqqqqq\",\n          \"name\": \"PVT_Offer_50K\",\n          \"source\": \"Strategy:IS:rule_6\"},\n        {\n          \"suppression\": [],\n          \"segments\": [\n            \"seg1\"\n          ]\n        }\n      ]\n    }\n  ]\n}",
    "intChannel": null,
    "intPoint": "IP1",
    "relyOnExistingSession": 0,
    "noOfferRequested": 5,
    "event": null,
    "offerRequest": null,
    "parametersCount": 0,
    "parameters": null,
    "response":
      "{\n  \"offers\": [\n    {\n      \"score\": 50,\n      \"code\": \"000000041\",\n      \"ooooo\": \"pppppppppp\",\n      \"qqqqqqqqqqqqq\": \"\",\n      \"attributes\": [\n        {\n          \"t\": \"string\",\n          \"v\": \"AudienceId\n            (Customer) [CUSTOMERID=5.0]\",\n          \"n\": \"AudienceID\"},\n        {\n          \"t\": \"string\",\n          \"v\": \"2500\",\n          \"n\": \"Course_Fees\"},\n        {\n          \"t\": \"numeric\",\n          \"v\": 50.0,\n          \"n\": \"Course_INR\"},\n        {\n          \"t\": \"string\",\n          \"v\": \"http://www.udemy.com/course\n            /java\",\n          \"n\": \"CourseDetailInfo1\"},\n        {\n          \"t\": \"numeric\",

```

```

        \ "v\ ":11.0,\ "n\ ":\"CourseId\"},{\"t\ \":\"datetime\", \"v
\ \":\"10\ /10\ /2020  00:00:00\", \"n\ \":\"CSDate\"},
        {\"t\ \":\"string\", \"v\ \":\"false\", \"n\ \":
\ \"DiscountAvailable1\"},{\"t\ \":\"datetime\", \"v\ \":\"09\ /28\ /2020
00:00:00\",
        \ "n\ \":\"EffectiveDate\"},{\"t\ \":\"datetime\", \"v\ \":
\ \"01\ /30\ /2021  00:00:00\", \"n\ \":\"ExpirationDate\"},{\"t\ \":
\ \"numeric\",
        \ "v\ \":1.0,\ "n\ \":\"IPID\"},{\"t\ \":\"string\", \"v\ \":
\ \"IP1\", \"n\ \":\"IPName\"},{\"t\ \":\"string\", \"v\ \":\"Spring Core
\",
        \ "n\ \":\"ModulesCovered1\"},{\"t\ \":\"numeric\", \"v\ \":0.0,
\ "n\ \":\"RTSelectionMethod\"},{\"t\ \":\"numeric\",
        \ "v\ \":50.0,\ "n\ \":\"ScoreInDouble\"},{\"t\ \":\"string\",
\ "v\ \":\"A0000000073\", \"n\ \":\"UACICellCode\"},
        {\"t\ \":\"numeric\", \"v\ \":43.0,\ "n\ \":\"UACIOfferID\"},
\ \"t\ \":\"numeric\", \"v\ \":1.0,\ "n\ \":\"UACISegmentID\"},
        {\"t\ \":\"numeric\", \"v\ \":12.0,\ "n\ \":\"UACIZoneID\"}],
\ \"treatmentCode\ \":\"48.2b.5778f2b0.fffffffffb195cc50\",
        \ "n\ \":\"PVT_Offer_50K\", \"desc\ \":\"\"}}}"
    }
]

```

## API - Event Pattern State

### Description

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 from Cache

This API call gets the states of all event patterns and offer suppression rules belonging to the specified audience ID.

GET/interact/v2/eventpatterns/cache?

audienceLevel={audienceLevel}&audienceIDField={audienceIDFieldValue}

### Parameters

| Parameters      | Description    |
|-----------------|----------------|
| audienceLevel   | Audience Level |
| audienceIDField | Audience ID    |

### Example Result

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"
      } ]
    } ]
  }
```

### Get Event Pattern State from Database

GET/interact/v2/eventpatterns/db?

audienceLevel={audienceLevel}&audienceIDField={audienceIDFieldValue}

This API call gets the states of all event patterns and offer suppression rules belonging to the specified audience ID.

### Parameters

| Parameters      | Description       |
|-----------------|-------------------|
| audienceLevel   | Audience Level    |
| audienceIDField | Audience ID field |

### Example Result

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"
  } ] }
] }

```

## API - Statistics

### Description

These APIs are used to get the JMX sweep.

### Get JMX Statistics

This API call gets the JMX sweep.

GET/interact/v2/stats/jmx

### Example Result

Content-Type: application/json

```

"statsJMX": [

  {

    "name":

      "com.unicacorp.interact:type=api,group=Statistics",

```



```
"information": {  
  
  "WaitForFlowchartAverage": "1.0",  
  
  "LoadScoreOverrideDuration": "0",  
  
  "EndSessionCount": "0",  
  
  "SetAudienceCount": "0",  
  
  "GetProfileAverage": "0.0",  
  
  "PostEventAverage": "393.0",  
  
  "ActiveSessionCount": "4",  
  
  "PostEventCount": "1",  
  
  "ExecuteBatchAverage": "184.33333",  
  
  "ExecuteBatchCount": "6",  
  
  "SetDebugAverage": "0.0",  
  
  "StartSessionAverage": "131.0",  
  
  "GetProfileCount": "0",  
  
  "SetDebugCount": "0",  
  
  "SetAudienceAverage": "0.0",
```

```
    "LoadOfferSuppressionDuration": "0",  
  
    "GetOffersCount": "1",  
  
    "LoadOffersBySQLCount": "0",  
  
    "LoadOffersBySQLAverage": "0.0",  
  
    "GetVersionCount": "0",  
  
    "EndSessionAverage": "0.0",  
  
    "StartSessionCount": "4",  
  
    "RunSegmentationDuration": "0",  
  
    "GetVersionAverage": "0.0",  
  
    "GetOffersAverage": "133.0"  
  
  }  
  
}  
  
]  
  
}
```

## API - Interact Status

### Description

These APIs are used to check status of Interact.

### **Get Version**

This API call gets the version of Interact service.

GET/interact/v2/status

### **Example Result**

Content-Type: application/json

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

## **Rest API for Interact Design time**

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

### **API - Interactive Channel**

#### **Description**

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

#### **Get All**

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

#### **Request Parameters**

| Parameters | Description                           | Default Values |
|------------|---------------------------------------|----------------|
| page       | number, nth page to retrieve records. | 0              |
| size       | number of records per page.           | 10             |

## Output

**Table 4. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

## Example response: Content-Type: application/json

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

## Get

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

## Output

**Table 5. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example response: Content-Type: application/json

```
{  
  "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
}

```

## Create

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

## Input

Body Parameter – Content-Type: application/json

```

{
  "channels": [
    {
      "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
  }
]
```

Output

Table 6. Response Codes

|               |     |                              |
|---------------|-----|------------------------------|
| Success       | 201 | Created                      |
| Miscellaneous | 207 | Status code of batch request |
| Error         | 400 | Bad Request                  |
| Server Error  | 500 | Internal/Server Error        |

Example: Content-Type: application/json

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

## Update

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

## Input

Body Parameter – Content-Type: application/json

```
{
  "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
}
```

## Output

**Table 7. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 202 | Accepted              |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |



Example response: Content-Type: application/json

```
{
  "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
}
```

## Delete

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

## Output

**Table 8. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

## Get All Audience levels

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

## Output

**Table 9. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example response: Content-Type: application/json

```
"audienceLevels": [  
  "Account",  
  "Customer"  
]  
}
```

## Map profile tables to Interactive Channel

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

## Input

Body Parameter – Content-Type: application/json

```
{  
  "audienceLevel": "string",  
  "baseKeys": [  
    "string"  
  ],  
  "baseTable": true,  
  "dimKeys": [  
    "string"  
  ],  
  "joinTable": "string",  
  "joinType": 0,  
  "preLoad": true,  
}
```

```

    "tableName": "string",
    "unmap": true
  }

```

## Output

**Table 10. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 201 | Created               |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example response: Content-Type: application/json

## Map Base Table

```

{
  "audienceLevel": "Customer",
  "baseTable": true,
  "tableName": "Customer_Audience"
}

```

## Map Dimension Table

```

{
  "audienceLevel": "Customer",
  "baseKeys": [
    "CID"
  ],
  "baseTable": false,
  "dimKeys": [
    "CID"
  ],
  "joinTable": "Customer_Audience",
}

```

```

    "joinType": 1,
    "preLoad": false,
    "tableName": "Credit_Details"
  }

```

## Un-map Table

```

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

```

## Get All Audience Levels

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

## Output

**Table 11. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

## Example: Content-Type: application/json

```

  "audienceLevels": [
    "Account",
    "Customer"
  ]
}

```

## Get profile attributes for an audience level

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

**Table 12. Request Parameters**

| Parameters    | Description            |
|---------------|------------------------|
| audienceLevel | Name of audience level |

**Output****Table 13. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

```
[
  {
    "Real-time attributes": [
      {
        "attributes": [
          {
            "dataType": 0,
            "name": "string"
          }
        ]
      }
    ]
  },
  {
    "Customer": [
      {
        "attributes": [
          {
```

```

        "dataType": 0,
        "name": "string"
      }
    ],
    "tableName": "string"
  }
]

```

## API – Zone and Interaction Point wrapper

### Description

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

### Get All Zones

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/zones?  
page=0&size=10

### Request Parameters

| Parameters | Description                           | Default value |
|------------|---------------------------------------|---------------|
| page       | number, nth page to retrieve records. | 0             |
| size       | number of records per page.           | 10            |

### Output

**Table 14. Response Codes**

|         |     |    |
|---------|-----|----|
| Success | 200 | Ok |
|---------|-----|----|

|              |     |                       |
|--------------|-----|-----------------------|
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

```
{
  "content": [
    { "description": "string",
      "id": 0,
      "interactionPoints": [
        { "defaultString": "string",
          "description": "string",
          "id": 0, "name": "string"
        }
      ],
      "learningMode": 0,
      "learningModelID": 0,
      "name": "string",
      "percentRandom": 0,
      "ruleGroupResolutionType": 0
    }
  ],
  "page": {
    "hasNext": true,
    "hasPrev": true,
    "pageNumber": 0,
    "size": 0,
    "totalElements": 0,
    "totalPages": 0
  }
}
```

## Get a Zone by ID or Name

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

## Output

**Table 15. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

```
{
  "description": "string",
  "id": 0,
  "interactionPoints": [
    {
      "defaultString": "string",
      "description": "string",
      "id": 0,
      "name": "string"
    }
  ],
  "learningMode": 0,
  "learningModelID": 0,
  "name": "string",
  "percentRandom": 0,
  "ruleGroupResolutionType": 0
}
```

## Create



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

Input

Body Parameter – Content-Type: application/json

```
{
  "zones": [
    {
      "description": "string",
      "id": 0,
      "interactionPoints": [
        {
          "defaultString": "string",
          "description": "string",
          "id": 0,
          "name": "string"
        }
      ],
      "learningMode": 0,
      "learningModelID": 0,
      "name": "string",
      "percentRandom": 0,
      "ruleGroupResolutionType": 0
    }
  ]
}
```

Output

Table 16. Response Codes

|               |     |                               |
|---------------|-----|-------------------------------|
| Success       | 201 | Created                       |
| Miscellaneous | 207 | Status code for batch request |

|              |     |                       |
|--------------|-----|-----------------------|
| Error        | 400 | Bad request           |
| Server Error | 500 | Internal server error |

Example: Content-Type: application/json

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

## Update

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

## Input

Body Parameter – Content-Type: application/json

```
{
  "description": "string",
  "id": 0,
  "interactionPoints": [
    {
      "defaultString": "string",
      "description": "string",
      "id": 0,
      "name": "string"
    }
  ],
  "learningMode": 0,
  "learningModelID": 0,
```

```
"name": "string",
"percentRandom": 0,
"ruleGroupResolutionType": 0
}
```

## Output

**Table 17. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 202 | Accepted              |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

```
{
  "description": "string",
  "id": 0,
  "interactionPoints": [
    {
      "defaultString": "string",
      "description": "string",
      "id": 0,
      "name": "string"
    }
  ],
  "learningMode": 0,
  "learningModelID": 0,
  "name": "string",
  "percentRandom": 0,
  "ruleGroupResolutionType": 0
}
```

**Delete a Zone or Interaction Points**

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

**Request Parameters**

| Parameters | Description                               | Default value |
|------------|-------------------------------------------|---------------|
| onlyIP     | Delete only interaction points from zone. | false         |

**Output****Table 18. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

**Delete Multiple Zones**

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

**Request Parameters**

| Parameters | Description                             |
|------------|-----------------------------------------|
| ids        | Comma separated Zone IDs to be deleted. |

**Output****Table 19. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

## API - Category

### Description

These APIs are used to perform CRUD operations on Categories.

### Get All

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/categories?  
page=0&size=10

| Parameters | Description                                                                               | Values |
|------------|-------------------------------------------------------------------------------------------|--------|
| page       | number, nth page to retrieve records.                                                     | 0      |
| size       | number of records per page.                                                               | 10     |
|            | Optional, if mode = recent, API will retrieve 5 strategies that are most recently updated |        |

### Output

**Table 20. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

```
{  
  "content": [  
    { "description": "string",
```

```

    "id": 0,
    "name": "string",
    "systemDefined": true
  }
],
"page": {
  "hasNext": true,
  "hasPrev": true,
  "pageNumber": 0,
  "size": 0,
  "totalElements": 0,
  "totalPages": 0
}
}

```

## Get

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

## Output

**Table 21. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

```

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

```

```
"systemDefined": true
}
```

Create

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

Input

Body Parameter – Content-Type: application/json

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

Output

Table 22. Response Codes

|               |     |                               |
|---------------|-----|-------------------------------|
| Success       | 201 | Created                       |
| Miscellaneous | 207 | Status code for batch request |
| Error         | 400 | Bad Request                   |
| Server Error  | 500 | Internal/Server Error         |

Example: Content-Type: application/json

```
[
```

```
{
  "headers": {},
  "body": <entity>/<error-msg>,
  "status": 201/400/500
}
```

## Update

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

## Input

Body Parameter – Content-Type: application/json

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

## Output

**Table 23. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 202 | Accepted              |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

```
{
  "description": "string",
  "id": 0,
```



```

    "name": "string",
    "systemDefined": true
  }

```

### Delete a Category by Id or Name

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

### Output

**Table 24. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

### Delete Multiple Categories

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

### Request Parameters

| Parameters | Description                                 |
|------------|---------------------------------------------|
| ids        | Comma separated Category IDs to be deleted. |

### Output

**Table 25. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

## API - Event

### Description

These APIs are used to perform CRUD operations on Events.

### Get All

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

page=0&size=10

### Parameters

|      | Description                                                                               | Default Values |
|------|-------------------------------------------------------------------------------------------|----------------|
| page | number, nth page to retrieve records.                                                     | 0              |
| size | number of records per page.                                                               | 10             |
|      | Optional, if mode = recent, API will retrieve 5 strategies that are most recently updated |                |

### Output

**Table 26. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

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

```

{
  "category": {
    "description": "string",
    "id": 0,
    "name": "string",
    "systemDefined": true
  },
  "createBy": 0,
  "createDate": 0,
  "description": "string",
  "eventActions": [ {
    "actionID": 0,
    "actionValue": 0,
    "async": true,
    "condition": [ {
      "id": 0,
      "name": "string",
      "value": "string"
    } ],
    "details": "string",
    "eventActionID": 0,
    "eventType": 0,
    "executionOrder": 0,
    "inferredEvents": [0]
  } ],
  "eventType": 0,
  "executeExpression": {
    "conditions": [ {
      "id": 0,
      "name": "string",
      "value": "string"
    } ],

```

```

    "enabled": true,
    "eventActionID": 0
  },
  "expression": {
    "audienceLevel": "string",
    "expression": "string",
    "fieldName": "string"
  },
  "id": 0,
  "logOfferAcceptance": {
    "conditions": [ {
      "id": 0,
      "name": "string",
      "value": "string"
    } ],
    "enabled": true,
    "eventActionID": 0
  },
  "logOfferContact": {
    "conditions": [ {
      "id": 0,
      "name": "string",
      "value": "string"
    } ],
    "enabled": true,
    "eventActionID": 0
  },
  "logOfferRejection": {
    "conditions": [ {
      "id": 0,
      "name": "string",
      "value": "string"
    } ]
  }
}

```

```

    } ],
    "enabled": true,
    "eventActionID": 0
  },
  "name": "string",
  "pattern": null,
  "triggerResegmentation": {
    "conditions": [ {
      "id": 0,
      "name": "string",
      "value": "string"
    } ],
    "enabled": true,
    "eventActionID": 0
  },
  "updateBy": 0,
  "updateDate": 0
}
],
"page": {
  "hasNext": true,
  "hasPrev": true,
  "pageNumber": 0,
  "size": 0,
  "totalElements": 0,
  "totalPages": 0
}
}

```

**Get**

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

## Output

**Table 27. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

```
{
  "category": {
    "description": "string",
    "id": 0,
    "name": "string",
    "systemDefined": true
  },
  "createBy": 0,
  "createDate": 0,
  "description": "string",
  "eventActions": [
    {
      "actionID": 0,
      "actionValue": 0,
      "async": true,
      "condition": [
        {
          "id": 0,
          "name": "string",
          "value": "string"
        }
      ]
    }
  ],
  "details": "string",
```

```

        "eventActionID": 0,
        "eventType": 0,
        "executionOrder": 0,
        "inferredEvents": [0]
    }
],
"eventType": 0,
"executeExpression": {
    "conditions": [
        {
            "id": 0,
            "name": "string",
            "value": "string"
        }
    ],
    "enabled": true,
    "eventActionID": 0
},
"expression": {
    "audienceLevel": "string",
    "expression": "string",
    "fieldName": "string"
},
"id": 0,
"logOfferAcceptance": {
    "conditions": [
        {
            "id": 0,
            "name": "string",
            "value": "string"
        }
    ]
},

```

```

    "enabled": true,
    "eventActionID": 0
  },
  "logOfferContact": {
    "conditions": [
      {
        "id": 0,
        "name": "string",
        "value": "string"
      }
    ],
    "enabled": true,
    "eventActionID": 0
  },
  "logOfferRejection": {
    "conditions": [
      {
        "id": 0,
        "name": "string",
        "value": "string"
      }
    ],
    "enabled": true,
    "eventActionID": 0
  },
  "name": "string",
  "pattern": null,
  "triggerResegmentation": {
    "conditions": [
      {
        "id": 0,
        "name": "string",

```



```

        "value": "string"
      }
    ],
    "enabled": true,
    "eventActionID": 0
  },
  "updateBy": 0,
  "updateDate": 0
}

```

## Create

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

## Input

Body Parameter – Content-Type: application/json

```

{
  "events": [
    {
      "category": {
        "description": "string",
        "id": 0,
        "name": "string",
        "systemDefined": true
      },
      "createBy": 0,
      "createDate": 0,
      "description": "string",
      "eventActions": [
        {
          "actionID": 0,
          "actionValue": 0,
          "async": true,

```

```

        "condition": [
            {
                "id": 0,
                "name": "string",
                "value": "string"
            }
        ],
        "details": "string",
        "eventActionID": 0,
        "eventType": 0,
        "executionOrder": 0,
        "inferredEvents": [0]
    }
],
"eventType": 0,
"executeExpression": {
    "conditions": [
        {
            "id": 0,
            "name": "string",
            "value": "string"
        }
    ],
    "enabled": true,
    "eventActionID": 0
},
"expression": {
    "audienceLevel": "string",
    "expression": "string",
    "fieldName": "string"
},
"id": 0,

```

```
"logOfferAcceptance": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
},
"logOfferContact": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
},
"logOfferRejection": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
}
```

```
    },
    "name": "string",
    "pattern": null,
    "triggerResegmentation": {
      "conditions": [
        {
          "id": 0,
          "name": "string",
          "value": "string"
        }
      ],
      "enabled": true,
      "eventActionID": 0
    },
    "updateBy": 0,
    "updateDate": 0
  }
]
```

Output

Table 28. Response Codes

|               |     |                               |
|---------------|-----|-------------------------------|
| Success       | 201 | Created                       |
| Miscellaneous | 207 | Status code for batch request |
| Error         | 400 | Bad Request                   |
| Server Error  | 500 | Internal/Server Error         |

Example: Content-Type: application/json

```
[
```

```

    {
      "headers": {},
      "body": <entity>/<error-msg>,
      "status": 201/400/500
    }
  ]

```

## Update

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

## Input

Body Parameter – Content-Type: application/json

```

{
  "category": {
    "description": "string",
    "id": 0,
    "name": "string",
    "systemDefined": true
  },
  "createBy": 0,
  "createDate": 0,
  "description": "string",
  "eventActions": [
    {
      "actionID": 0,
      "actionValue": 0,
      "async": true,
      "condition": [
        {
          "id": 0,
          "name": "string",

```

```

        "value": "string"
      }
    ],
    "details": "string",
    "eventActionID": 0,
    "eventType": 0,
    "executionOrder": 0,
    "inferredEvents": [
      0
    ]
  }
],
"eventType": 0,
"executeExpression": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
},
"expression": {
  "audienceLevel": "string",
  "expression": "string",
  "fieldName": "string"
},
"id": 0,
"logOfferAcceptance": {
  "conditions": [

```

```

    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
},
"logOfferContact": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
},
"logOfferRejection": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
},
"name": "string",

```

```

    "pattern": null,
    "triggerResegmentation": {
      "conditions": [
        {
          "id": 0,
          "name": "string",
          "value": "string"
        }
      ],
      "enabled": true,
      "eventActionID": 0
    },
    "updateBy": 0,
    "updateDate": 0
  }

```

## Output

**Table 29. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 202 | Accepted              |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

```

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

```



```

"createBy": 0,
"createDate": 0,
"description": "string",
"eventActions": [
  {
    "actionID": 0,
    "actionValue": 0,
    "async": true,
    "condition": [
      {
        "id": 0,
        "name": "string",
        "value": "string"
      }
    ],
    "details": "string",
    "eventActionID": 0,
    "eventType": 0,
    "executionOrder": 0,
    "inferredEvents": [
      0
    ]
  }
],
"eventType": 0,
"executeExpression": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ]
}

```

```

    ],
    "enabled": true,
    "eventActionID": 0
  },
  "expression": {
    "audienceLevel": "string",
    "expression": "string",
    "fieldName": "string"
  },
  "id": 0,
  "logOfferAcceptance": {
    "conditions": [
      {
        "id": 0,
        "name": "string",
        "value": "string"
      }
    ],
    "enabled": true,
    "eventActionID": 0
  },
  "logOfferContact": {
    "conditions": [
      {
        "id": 0,
        "name": "string",
        "value": "string"
      }
    ],
    "enabled": true,
    "eventActionID": 0
  },

```

```

    "logOfferRejection": {
      "conditions": [
        {
          "id": 0,
          "name": "string",
          "value": "string"
        }
      ],
      "enabled": true,
      "eventActionID": 0
    },
    "name": "string",
    "pattern": null,
    "triggerResegmentation": {
      "conditions": [
        {
          "id": 0,
          "name": "string",
          "value": "string"
        }
      ],
      "enabled": true,
      "eventActionID": 0
    },
    "updateBy": 0,
    "updateDate": 0
  }

```

### Delete An Event by Id or Name

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

### Output

**Table 30. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

**Delete Multiple Events**

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

**Input****Request Parameters**

| Parameters | Description                              |
|------------|------------------------------------------|
| ids        | Comma separated Event IDs to be deleted. |

**Output****Table 31. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

## API - Event Pattern

**Description**

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

**Get All**

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/eventpatterns?  
page=0&size=10

**Parameters**

| Parameters | Description                           | Values |
|------------|---------------------------------------|--------|
| page       | number, nth page to retrieve records. | 0      |
| size       | number of records per page.           | 10     |

## Output

**Table 32. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

```
{
  "content": [
    {
      "category": {
        "description": "string",
        "id": 0,
        "name": "string",
        "systemDefined": true
      },
      "createBy": 0,
      "createDate": 0,
      "description": "string",
      "eventActions": [ {
        "actionID": 0,
        "actionValue": 0,
        "async": true,
        "condition": [ {
```

```

    "id": 0,
    "name": "string",
    "value": "string"
  } ],
  "details": "string",
  "eventActionID": 0,
  "eventType": 0,
  "executionOrder": 0,
  "inferredEvents": [ 0 ] } ],
  "eventType": 0,
  "executeExpression": {
    "conditions": [ {
      "id": 0,
      "name": "string",
      "value": "string"
    } ],
    "enabled": true,
    "eventActionID": 0
  },
  "expression": {
    "audienceLevel": "string",
    "expression": "string",
    "fieldName": "string"
  },
  "id": 0,
  "logOfferAcceptance": {
    "conditions": [ {
      "id": 0,
      "name": "string",
      "value": "string"
    } ],
    "enabled": true,

```

```

    "eventActionID": 0
  },
  "logOfferContact": {
    "conditions": [ {
      "id": 0,
      "name": "string",
      "value": "string"
    } ],
    "enabled": true,
    "eventActionID": 0
  },
  "logOfferRejection": {
    "conditions": [ {
      "id": 0,
      "name": "string",
      "value": "string"
    } ],
    "enabled": true,
    "eventActionID": 0
  },
  "name": "string",
  "pattern": {
    "async": true,
    "enabled": true,
    "endTime": 0,
    "itemEvent": [ {
      "attribute": {
        "dataType": 0,
        "name": "string",
        "value": "string"
      },
      "id": 0,

```

```

    "name": "string",
    "value": 0
  } ],
  "matchTotal": 0,
  "reset": {
    "id": 0,
    "idSelected": 0,
    "idToRemove": 0,
    "interval": 0,
    "intervalType": "string",
    "startTime": 0,
    "type": 0
  },
  "resetDuration": 0,
  "startTime": 0,
  "timeDuration": 0,
  "type": 0
},
"triggerResegmentation": {
  "conditions": [ {
    "id": 0,
    "name": "string",
    "value": "string"
  } ],
  "enabled": true,
  "eventActionID": 0
},
"updateBy": 0,
"updateDate": 0
}
],
"page": {

```



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

**Get**

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

**Output**

**Table 33. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

```
{
  "category": {
    "description": "string",
    "id": 0,
    "name": "string",
    "systemDefined": true
  },
  "createBy": 0,
  "createDate": 0,
  "description": "string",
  "eventActions": [
```

```

{
  "actionID": 0,
  "actionValue": 0,
  "async": true,
  "condition": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "details": "string",
  "eventActionID": 0,
  "eventType": 0,
  "executionOrder": 0,
  "inferredEvents": [
    0
  ]
},
{
  "eventType": 0,
  "executeExpression": {
    "conditions": [
      {
        "id": 0,
        "name": "string",
        "value": "string"
      }
    ]
  },
  "enabled": true,
  "eventActionID": 0
},

```

```

"expression": {
  "audienceLevel": "string",
  "expression": "string",
  "fieldName": "string"
},
"id": 0,
"logOfferAcceptance": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
},
"logOfferContact": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
},
"logOfferRejection": {
  "conditions": [
    {
      "id": 0,

```

```

        "name": "string",
        "value": "string"
    }
],
    "enabled": true,
    "eventActionID": 0
},
"name": "string",
"pattern": {
    "async": true,
    "enabled": true,
    "endTime": 0,
    "itemEvent": [
        {
            "attribute": {
                "dataType": 0,
                "name": "string",
                "value": "string"
            },
            "id": 0,
            "name": "string",
            "value": 0
        }
    ],
    "matchTotal": 0,
    "reset": {
        "id": 0,
        "idSelected": 0,
        "idToRemove": 0,
        "interval": 0,
        "intervalType": "string",
        "startTime": 0,

```

```

        "type": 0
      },
      "resetDuration": 0,
      "startTime": 0,
      "timeDuration": 0,
      "type": 0
    },
    "triggerResegmentation": {
      "conditions": [
        {
          "id": 0,
          "name": "string",
          "value": "string"
        }
      ],
      "enabled": true,
      "eventActionID": 0
    },
    "updateBy": 0,
    "updateDate": 0
  }

```

## Create

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

## Input

Body Parameter – Content-Type: application/json

```

{
  "eventPatterns": [
    {
      "category": {
        "description": "string",

```

```

    "id": 0,
    "name": "string",
    "systemDefined": true
  },
  "createBy": 0,
  "createDate": 0,
  "description": "string",
  "eventActions": [
    {
      "actionID": 0,
      "actionValue": 0,
      "async": true,
      "condition": [
        {
          "id": 0,
          "name": "string",
          "value": "string"
        }
      ],
      "details": "string",
      "eventActionID": 0,
      "eventType": 0,
      "executionOrder": 0,
      "inferredEvents": [
        0
      ]
    }
  ],
  "eventType": 0,
  "executeExpression": {
    "conditions": [
      {

```

```

        "id": 0,
        "name": "string",
        "value": "string"
    }
],
"enabled": true,
"eventActionID": 0
},
"expression": {
    "audienceLevel": "string",
    "expression": "string",
    "fieldName": "string"
},
"id": 0,
"logOfferAcceptance": {
    "conditions": [
        {
            "id": 0,
            "name": "string",
            "value": "string"
        }
    ],
    "enabled": true,
    "eventActionID": 0
},
"logOfferContact": {
    "conditions": [
        {
            "id": 0,
            "name": "string",
            "value": "string"
        }
    ]
}

```

```

    ],
    "enabled": true,
    "eventActionID": 0
  },
  "logOfferRejection": {
    "conditions": [
      {
        "id": 0,
        "name": "string",
        "value": "string"
      }
    ],
    "enabled": true,
    "eventActionID": 0
  },
  "name": "string",
  "pattern": {
    "async": true,
    "enabled": true,
    "endTime": 0,
    "itemEvent": [
      {
        "attribute": {
          "dataType": 0,
          "name": "string",
          "value": "string"
        },
        "id": 0,
        "name": "string",
        "value": 0
      }
    ]
  },

```



```

    "matchTotal": 0,
    "reset": {
      "id": 0,
      "idSelected": 0,
      "idToRemove": 0,
      "interval": 0,
      "intervalType": "string",
      "startTime": 0,
      "type": 0
    },
    "resetDuration": 0,
    "startTime": 0,
    "timeDuration": 0,
    "type": 0
  },
  "triggerResegmentation": {
    "conditions": [
      {
        "id": 0,
        "name": "string",
        "value": "string"
      }
    ],
    "enabled": true,
    "eventActionID": 0
  },
  "updateBy": 0,
  "updateDate": 0
}
]
}

```

## Output

**Table 34. Response Codes**

|               |     |                               |
|---------------|-----|-------------------------------|
| Success       | 201 | Created                       |
| Miscellaneous | 207 | Status code for batch request |
| Error         | 400 | Bad Request                   |
| Server Error  | 500 | Internal/Server Error         |

Example: Content-Type: application/json

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

## Update

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

## Input

Body Parameter – Content-Type: application/json

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

```

"createBy": 0,
"createDate": 0,
"description": "string",
"eventActions": [
  {
    "actionID": 0,
    "actionValue": 0,
    "async": true,
    "condition": [
      {
        "id": 0,
        "name": "string",
        "value": "string"
      }
    ],
    "details": "string",
    "eventActionID": 0,
    "eventType": 0,
    "executionOrder": 0,
    "inferredEvents": [
      0
    ]
  }
],
"eventType": 0,
"executeExpression": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ]
}

```

```

    ],
    "enabled": true,
    "eventActionID": 0
  },
  "expression": {
    "audienceLevel": "string",
    "expression": "string",
    "fieldName": "string"
  },
  "id": 0,
  "logOfferAcceptance": {
    "conditions": [
      {
        "id": 0,
        "name": "string",
        "value": "string"
      }
    ],
    "enabled": true,
    "eventActionID": 0
  },
  "logOfferContact": {
    "conditions": [
      {
        "id": 0,
        "name": "string",
        "value": "string"
      }
    ],
    "enabled": true,
    "eventActionID": 0
  },

```

```

"logOfferRejection": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
},
"name": "string",
"pattern": {
  "async": true,
  "enabled": true,
  "endTime": 0,
  "itemEvent": [
    {
      "attribute": {
        "dataType": 0,
        "name": "string",
        "value": "string"
      },
      "id": 0,
      "name": "string",
      "value": 0
    }
  ],
  "matchTotal": 0,
  "reset": {
    "id": 0,
    "idSelected": 0,

```

```

    "idToRemove": 0,
    "interval": 0,
    "intervalType": "string",
    "startTime": 0,
    "type": 0
  },
  "resetDuration": 0,
  "startTime": 0,
  "timeDuration": 0,
  "type": 0
},
"triggerResegmentation": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
},
"updateBy": 0,
"updateDate": 0
}

```

## Output

**Table 35. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 202 | Accepted              |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example response: Content-Type: application/json

```
{
  "category": {
    "description": "string",
    "id": 0,
    "name": "string",
    "systemDefined": true
  },
  "createBy": 0,
  "createDate": 0,
  "description": "string",
  "eventActions": [
    {
      "actionID": 0,
      "actionValue": 0,
      "async": true,
      "condition": [
        {
          "id": 0,
          "name": "string",
          "value": "string"
        }
      ],
      "details": "string",
      "eventActionID": 0,
      "eventType": 0,
      "executionOrder": 0,
      "inferredEvents": [0]
    }
  ],
  "eventType": 0,
```

```

"executeExpression": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
},
"expression": {
  "audienceLevel": "string",
  "expression": "string",
  "fieldName": "string"
},
"id": 0,
"logOfferAcceptance": {
  "conditions": [
    {
      "id": 0,
      "name": "string",
      "value": "string"
    }
  ],
  "enabled": true,
  "eventActionID": 0
},
"logOfferContact": {
  "conditions": [
    {
      "id": 0,

```



```

        "name": "string",
        "value": "string"
    }
],
    "enabled": true,
    "eventActionID": 0
},
"logOfferRejection": {
    "conditions": [
        {
            "id": 0,
            "name": "string",
            "value": "string"
        }
    ],
    "enabled": true,
    "eventActionID": 0
},
"name": "string",
"pattern": {
    "async": true,
    "enabled": true,
    "endTime": 0,
    "itemEvent": [
        {
            "attribute": {
                "dataType": 0,
                "name": "string",
                "value": "string"
            },
            "id": 0,
            "name": "string",

```

```

        "value": 0
      }
    ],
    "matchTotal": 0,
    "reset": {
      "id": 0,
      "idSelected": 0,
      "idToRemove": 0,
      "interval": 0,
      "intervalType": "string",
      "startTime": 0,
      "type": 0
    },
    "resetDuration": 0,
    "startTime": 0,
    "timeDuration": 0,
    "type": 0
  },
  "triggerResegmentation": {
    "conditions": [
      {
        "id": 0,
        "name": "string",
        "value": "string"
      }
    ],
    "enabled": true,
    "eventActionID": 0
  },
  "updateBy": 0,
  "updateDate": 0
}

```

**Delete**

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

**Output****Table 36. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

**Delete Multiple**

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

**Request Parameters**

| Parameters | Description                                      |
|------------|--------------------------------------------------|
| ids        | Comma separated event pattern IDs to be deleted. |

**Output****Table 37. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

## API - Strategy

**Description**

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

**Get All Strategies for Interactive Channel**

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies?  
page=0&size=50

### Request Parameters

| Parameters | Description                                                                               | Default Values |
|------------|-------------------------------------------------------------------------------------------|----------------|
| page       | number, nth page to retrieve records.                                                     | 0              |
| size       | number of records per page.                                                               | 50             |
| mode       | Optional, if mode = recent, API will retrieve 5 strategies that are most recently updated | None           |

### Output

**Table 38. 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. |

Example response: Content-Type: application/json

```
{  
  
  "content": [  
  
    {  
      "campaignCode": "string",
```

```

    "campaignId": 0,
    "campaignName": "string",
    "createBy": "string",
    "createDate": 0,
    "deleteLock": 0,
    "description": "string",
    "editLock": 0,
    "id": 0,
    "interactiveChannelId": 0,
    "interactiveChannelName": "string",
    "lastProdDepTime": 0,
    "name": "string",
    "ruleCount": 0,
    "runEnable": 0,
    "updateBy": "string",
    "updateDate": 0
  }

],

"page": {

  "pageNumber": 0,

  "totalElements": 0,

  "totalPages": 0,

  "size": 0,

  "hasNext": false,

```

```
"hasPrev": false  
  
}  
  
}
```

### Get Strategy by Strategy Id or Name

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

### Output

**Table 39. 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. |

Example: Content-Type: application/json

```
{  
  "campaignCode": "string",  
  "campaignId": 0,  
  "campaignName": "string",  
  "createBy": "string",  
  "createDate": 0,  
  "deleteLock": 0,  
  "description": "string",  
  "editLock": 0,  
}
```

```
"id": 0,
"interactiveChannelId": 0,
"interactiveChannelName": "string",
"lastProdDepTime": 0,
"name": "string",
"ruleCount": 0,
"runEnable": 0,
"updateBy": "string",
"updateDate": 0
}
```

### Create Strategy

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

#### Input

Body Parameter – Content-Type:application/json

```
{
  "campaignId": 0,
  "description": "string",
  "name": "string",
}
```

#### Output

**Table 40. Response Codes**

|         |     |             |
|---------|-----|-------------|
| Success | 201 | Created     |
| Error   | 400 | Bad Request |

|              |     |                         |
|--------------|-----|-------------------------|
| Server Error | 500 | Internal /Server Error. |
|--------------|-----|-------------------------|

Example: Content-Type: application/json

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

## Update

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

## Input

Body Parameter – Content-Type:application/json

```
{
```



```
    "campaignId": 0,
    "description": "string",
    "id": 0,
    "name": "string",

}
```

Output

Table 41. Response Codes

|              |     |                         |
|--------------|-----|-------------------------|
| Success      | 202 | Accepted                |
| Error        | 400 | Bad Request             |
| Server Error | 500 | Internal /Server Error. |

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

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

## Delete

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

## Output

**Table 42. Response Codes**

|              |     |                         |
|--------------|-----|-------------------------|
| Success      | 200 | Ok                      |
| Error        | 400 | Bad Request             |
| Server Error | 500 | Internal /Server Error. |

## Copy Strategy

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

## Input

Body Parameter – Content-Type:application/json

```
{
  "campaignId": 0,
  "name": "string",
  "description": "string",
}
```

## Output

**Table 43. Response Codes**

|         |     |          |
|---------|-----|----------|
| Success | 202 | Accepted |
|---------|-----|----------|

|              |     |                         |
|--------------|-----|-------------------------|
| Error        | 400 | Bad Request             |
| Server Error | 500 | Internal /Server Error. |

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

## API - Smart Rule

### Description

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

### Get All Smart Rules for Strategy

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies/  
{strategyIdOrName}/rules?page=0&size=50

### Request Parameters

| Parameters | Description                                                                    | Default Values |
|------------|--------------------------------------------------------------------------------|----------------|
| page       | number, nth page to retrieve records.                                          | 0              |
| size       | number of records per page.                                                    | 50             |
| abtOnly    | Optional. If it is true, only smart rules that have A/B testing data returned. | false          |

### Output

**Table 44. 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. |

Example: Content-Type: application/json

```
{
  "content": [
    {
      "id": 0,
      "ruleName": "string",
      "segmentName": "string",
```

```
"cellCode": "string",
"zoneName": "string",
"offerName": "string",
"offerCode": "string",
"score": 50,
"scorePredicateEnabled": true,
"enabled": true,
"eligibilityPredicateEnabled": true,
"effectiveDate": long,
"expirationDate": long,
"learningMode": 0,
"lmName": "string",
"maxScore": true,
"suppressCount": 0,
"segmentId": 0,
"cellId": 0,
"zoneId": 0,
"offerId": 0,
"scorePredicateId": 0,
"eligibilityPredicateId": 0,
"learningModelId": 0,
"offerAttrExpressions": [
  {
    "attrId": 0,
    "attrName": "string",
    "expression": "string"
  }
],
"ruleGroups": [
  {
    "id": 0,
    "name": "string"
```

```

    }
  ],
  "hasABTest": true,
  "abTest": {
    "enabled": true,
    "effectiveDate": long,
    "expirationDate": long,
    "branches": [
      {
        "branchId": 0,
        "branchName": "string",
        "enabled": true,
        "isDefault": true,
        "samplePercent": 40,
        "cellId": 0,
        "cellCode": "string",
        "offerId": 0,
        "offerName": "string",
        "offerAttributes": [],
        "delete": false
      }
    ]
  }
}],
"page": {
  "pageNumber": 0,
  "totalElements": 0,
  "totalPages": 0,
  "size": 50,
  "hasNext": false,
  "hasPrev": false
}

```

```
}

```

Get Smart Rule by Rule Id or Name

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

Output

Table 45. 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. |

Example response: Content-Type: application/json

```
{
  "id": 0,
  "ruleName": "string",
  "segmentName": "string",
  "cellCode": "string",
  "zoneName": "string",
  "offerName": "string",
  "offerCode": "string",
  "score": 50,
  "scorePredicateEnabled": true,
  "enabled": true,
  "eligibilityPredicateEnabled": true,
  "effectiveDate": long,
  "expirationDate": long,

```

```

"learningMode": 0,
"lmName": "string",
"maxScore": true,
"suppressCount": 0,
"segmentId": 0,
"cellId": 0,
"zoneId": 0,
"offerId": 0,
"scorePredicateId": 0,
"eligibilityPredicateId": 0,
"learningModelId": 0,
"offerAttrExpressions": [
  {
    "attrId": 0,
    "attrName": "string",
    "expression": "string"
  }
],
"ruleGroups": [
  {
    "id": 0,
    "name": "string"
  }
],
"hasABTest": true,
"abTest": {
  "enabled": true,
  "effectiveDate": long,
  "expirationDate": long,
  "branches": [
    {
      "branchId": 0,

```



```

    "branchName": "string",
    "enabled": true,
    "isDefault": true,
    "samplePercent": 40,
    "cellId": 0,
    "cellCode": "string",
    "offerId": 0,
    "offerName": "string",
    "offerAttributes": [],
    "delete": false
  }
]
}
}

```

### Create, Update, and Delete Smart Rules

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

#### Input

Body Parameter – Content-Type:application/json

```

{
  "toAdd": [
    {
      "id": 0,
      "ruleName": "string",
      "score": 50,
      "scorePredicateEnabled": true,
      "enabled": true,
      "eligibilityPredicateEnabled": true,
      "effectiveDate": long,
      "expirationDate": long,
    }
  ]
}

```

```

"learningMode": 0,
"maxScore": true,
"suppressCount": 0,
"segmentId": 0,
"cellId": 0,
"zoneId": 0,
"offerId": 0,
"scorePredicateId": 0,
"eligibilityPredicateId": 0,
"learningModelId": 0,
"offerAttrExpressions": [
  {
    "attrId": 0,
    "expression": "string"
  }
],
"ruleGroups": [
  {
    "id": 0,
  }
],
"abTest": {
  "enabled": true,
  "effectiveDate": long,
  "expirationDate": long,
  "branches": [
    {
      "branchId": 0,
      "branchName": "string",
      "enabled": true,
      "isDefault": true,
      "samplePercent": 40,
    }
  ]
}

```

```

    "cellId": 0,
    "offerId": 0,
    "offerAttributes": [
      {
        "attrId": 0,
        "expression": "string"
      }
    ]
  }
]
}
"toUpdate": [
{
  "id": 0,
  "ruleName": "string",
  "score": 50,
  "scorePredicateEnabled": true,
  "enabled": true,
  "eligibilityPredicateEnabled": true,
  "effectiveDate": long,
  "expirationDate": long,
  "learningMode": 0,
  "maxScore": true,
  "suppressCount": 0,
  "segmentId": 0,
  "cellId": 0,
  "zoneId": 0,
  "offerId": 0,
  "scorePredicateId": 0,
  "eligibilityPredicateId": 0,
  "learningModelId": 0,

```

```

"offerAttrExpressions": [
  {
    "attrId": 0,
    "expression": "string"
  }
],
"ruleGroups": [
  {
    "id": 0,
  }
]
},
"toDelete": [ 0
],

```

## Output

**Table 46. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 201 | Created               |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

## Delete Smart Rules

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

## Request Parameters

| Parameters | Description                                   |
|------------|-----------------------------------------------|
| ids        | Comma separated Smart Rule IDs to be deleted. |

## Output

**Table 47. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

## API - Strategy Deployment

### Description

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

### Get Deployment State

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

### Output

**Table 48. 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. |

Example response – Content-Type:application/json

```
{
  "campaignId": 0,
  "deployAction": "",
  "state": 0,
  "deployedState": 0,
```

```

    "dirty": false,
    "lastProdDepTime": 0,
    "lastMarkTime": 0,
    "deploymentStatusText": "",
    "deploymentWaitMessage": ""
  }

```

### deployedState

- NOT\_YET\_DEPLOYED: 10
- DEPLOYED: 11
- UN\_DEPLOYED: 12

### State

- READY\_FOR\_DEPLOYMENT: 0
- READY\_FOR\_UN\_DEPLOYMENT: 1
- MARK\_FOR\_DEPLOYMENT: 2
- MARK\_FOR\_UN\_DEPLOYMENT: 3

## Mark for deployment or undeployment

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

### Input

Body Parameter – Content-Type:application/json

```

{
  "campaignId": 0,
  "deployAction" : ""
}

```

**Table 49. Request Parameters**

| Parameters   | Description                                                                  |
|--------------|------------------------------------------------------------------------------|
| Campaignid   | If a campaign is associated with the strategy, the campaign Id is required.  |
| deployAction | "markDeploy: Mark for deployment".<br>"markUnDeploy: Mark for un-deployment" |

**Output****Table 50. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 202 | Accepted              |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example Response – Content-Type:application/json

```
{
  "campaignId": 0,
  "deployAction": "",
  "state": 0,
  "deployedState": 0,
  "dirty": false,
  "lastProdDepTime": 0,
  "lastMarkTime": 0,
  "deploymentStatusText": "",
  "deploymentWaitMessage": ""
}
```

**Cancel mark for deployment or undeployment**

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

## Input

Body Parameter – Content-Type:application/json

```
{
  "campaignId": 0,
  "deployAction" : ""
}
```

**Table 51. Request Parameters**

| Parameter    | Description                                                                                           |
|--------------|-------------------------------------------------------------------------------------------------------|
| CampaignId   | If a campaign is associated with the strategy, the campaign Id is required                            |
| deployAction | "cancelDeploy": Cancel "Mark for deployment"<br><br>"cancelUnDeploy": Cancel "Mark for un-deployment" |

## Output

**Table 52. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example response – Content-Type:application/json

```
{
  "campaignId": 0,
```



```

    "deployAction": "",
    "state": 0,
    "deployedState": 0,
    "dirty": false,
    "lastProdDepTime": 0,
    "lastMarkTime": 0,
    "deploymentStatusText": "",
    "deploymentWaitMessage": ""
  }

```

## API - Smart Rule Group

### Description

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

### Get Smart Rule Groups by Strategy

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies/  
{strategyIdOrName}/ruleGroups?page=0&size=50

### Request Parameters

| Parameters | Description                           | Default Values |
|------------|---------------------------------------|----------------|
| page       | number, nth page to retrieve records. | 0              |
| size       | number of records per page.           | 50             |

### Output

**Table 53. 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. |

Example: Content-Type: application/json

```
{
  "content": [
    {
      "id": 0,
      "name": "String",
      "strategyId": 0,
      "ruleGroupType": "String",
      "description": "String",
      "createDate": 0,
      "createBy": 0,
      "updateDate": 0,
      "updateBy": 0,
      "ruleIdList": ["0","0"]
    }
  ],
  "page": {
    "pageNumber": 0,
    "totalElements": 0,
    "totalPages": 0,
    "size": 0,
    "hasNext": false,
    "hasPrev": false
  }
}
```

## Get Smart Rule Groups by Rule

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/strategies/  
{strategyIdOrName}/ruleGroups/{ruleIdOrName}?page=0&size=50

### Request Parameters

| Parameters | Description                           | Default Values |
|------------|---------------------------------------|----------------|
| page       | number, nth page to retrieve records. | 0              |
| size       | number of records per page.           | 50             |

### Output

**Table 54. 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. |

Example: Content-Type: application/json

```
{
  "content": [
    {
      "id": 0,
      "name": "String",
      "strategyId": 0,
      "ruleGroupType": "String",
      "description": "String",
      "createDate": 0,

```

```

        "createBy": 0,
        "updateDate": 0,
        "updateBy": 0,
        "ruleIdList": ["0","0"]
    }
],
"page": {
    "pageNumber": 0,
    "totalElements": 0,
    "totalPages": 0,
    "size": 0,
    "hasNext": false,
    "hasPrev": false
}
}

```

## Create

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

## Input

Body Parameter – Content-Type:application/json

```

{
    "name": "String",
    "strategyId": 0,
    "description": "String",
    "ruleIdList": []
}

```

## Output

**Table 55. Response Codes**

|              |     |                        |
|--------------|-----|------------------------|
| Success      | 201 | Created                |
| Error        | 400 | Bad Request            |
| Server Error | 500 | Internal /Server Error |

Example: Content-Type: application/json

```
{
  "id": 0,
  "name": "String",
  "strategyId": 0,
  "description": "String",
  "ruleIdList": []
}
```

## Update

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

## Input

Body Parameter – Content-Type:application/json

```
{
  "id": 0,
  "name": "String",
  "strategyId": 0,
  "description": "String",
  "ruleIdList": []
}
```

## Output

**Table 56. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 202 | Accepted              |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

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

**Delete**

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

**Output****Table 57. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

## API - FlexOffers

### Description

This APIs are used to perform CRUD operations on FlexOffers.

### Get All FlexOffer for Interact Channel

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

### Output

**Table 58. Response Codes**

|              |     |                                         |
|--------------|-----|-----------------------------------------|
| Success      | 200 | Ok                                      |
| Error        | 400 | Inputs provided for the API are invalid |
| Server Error | 500 | Internal Server Error                   |

Example: Content-Type: application/json

```
{
  "content": [
    {
      "offerMappingId": 783,
      "offerMappingName": "OfferAttTest",
      "offerMappingDesc": "OfferAttTest",
      "physicalTableName": "UACI_OfferMapping781",
      "sourceFileName": "TestOfferMappingX_44.csv",
      "fields": [],
      "serverGroups": [
        {
          "name": "cat1-sg1",
          "table": "UACI_OfferMapping781"
        }
      ]
    }
  ]
}
```

```

    ],
    "createDate": 1591792745917,
    "createBy": 2,
    "updateDate": 1591801790540,
    "updateBy": 2,
    "sourceSG": null,
    "override": false,
    "lastProdDepTime": null
  },
  {
    "offerMappingId": 769,
    "offerMappingName": "IndexTest8",
    "offerMappingDesc": "IndexTest8",
    "physicalTableName": "UACI_OfferMapping765",
    "sourceFileName": "TestOfferMappingX_44.csv",
    "fields": [],
    "serverGroups": [
      {
        "name": "cat1-sg1",
        "table": "UACI_OfferMapping765"
      }
    ],
    "createDate": 1591187372970,
    "createBy": 2,
    "updateDate": 1591460329090,
    "updateBy": 2,
    "sourceSG": null,
    "override": false,
    "lastProdDepTime": null
  },
  {
    "offerMappingId": 720,

```



```

        "offerMappingName": "MyTestToday1",
        "offerMappingDesc": "MyTestToday1",
        "physicalTableName": "UACI_OfferMapping719",
        "sourceFileName": "TestOfferMappingX_44.csv",
        "fields": [],
        "serverGroups": [],
        "createDate": 1589906153593,
        "createBy": 2,
        "updateDate": 1590166442077,
        "updateBy": 2,
        "sourceSG": null,
        "override": false,
        "lastProdDepTime": null
    }
],
"page": {
    "pageNumber": 0,
    "totalElements": 3,
    "totalPages": 1,
    "size": 2000,
    "hasNext": false,
    "hasPrev": false
}
}

```

### Get FlexOffer by ID or Name

GET /Campaign/api/interact/rest/v2/channels/{icldOrName}/offer mappings/  
{offer mappingIdOrName}

### Output

**Table 59. Response Codes**

|         |     |    |
|---------|-----|----|
| Success | 200 | Ok |
|---------|-----|----|

|              |     |                                         |
|--------------|-----|-----------------------------------------|
| Error        | 400 | Inputs provided for the API are invalid |
| Server Error | 500 | Internal Server Error                   |

Example: Content-Type: application/json

```
{
  "offerMappingId": 783,
  "offerMappingName": "OfferAttTest",
  "offerMappingDesc": "OfferAttTest",
  "physicalTableName": "UACI_OfferMapping781",
  "sourceFileName": "TestOfferMappingX_44.csv",
  "fields": [
    {
      "name": "OfferMappingRowID",
      "displayName": "OfferMappingRowID",
      "type": "LONG",
      "value": null,
      "relation": null,
      "size": 20,
      "dynamic": false,
      "dateFormat": null
    },
    {
      "name": "OfferID",
      "displayName": "OfferID",
      "type": "LONG",
      "value": null,
      "relation": null,
      "size": 20,
      "dynamic": false,
      "dateFormat": null
    }
  ]
}
```

```
    },  
    {  
      "name": "OfferName",  
      "displayName": "OfferName",  
      "type": "STRING",  
      "value": null,  
      "relation": null,  
      "size": 130,  
      "dynamic": false,  
      "dateFormat": null  
    },  
    {  
      "name": "OfferCode",  
      "displayName": "OfferCode",  
      "type": "STRING",  
      "value": null,  
      "relation": null,  
      "size": 320,  
      "dynamic": false,  
      "dateFormat": null  
    },  
    {  
      "name": "CellID",  
      "displayName": "CellID",  
      "type": "LONG",  
      "value": null,  
      "relation": null,  
      "size": 20,  
      "dynamic": false,  
      "dateFormat": null  
    },  
    {
```

```

        "name": "CellCode",
        "displayName": "CellCode",
        "type": "STRING",
        "value": null,
        "relation": null,
        "size": 64,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "ZoneID",
        "displayName": "ZoneID",
        "type": "LONG",
        "value": null,
        "relation": null,
        "size": 20,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "ZoneName",
        "displayName": "ZoneName",
        "type": "STRING",
        "value": null,
        "relation": null,
        "size": 64,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "EligibilityPredicateEnabled",
        "displayName": "EligibilityPredicateEnabled",

```

```

        "type": "BIT",
        "value": null,
        "relation": null,
        "size": 1,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "EligibilityPredicate",
        "displayName": "EligibilityPredicate",
        "type": "STRING",
        "value": null,
        "relation": null,
        "size": 4000,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "MarketerScore",
        "displayName": "MarketerScore",
        "type": "INTEGER",
        "value": null,
        "relation": null,
        "size": 11,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "ScorePredicateEnabled",
        "displayName": "ScorePredicateEnabled",
        "type": "BIT",
        "value": null,

```

```

        "relation": null,
        "size": 1,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "ScorePredicate",
        "displayName": "ScorePredicate",
        "type": "STRING",
        "value": null,
        "relation": null,
        "size": 4000,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "LearningMode",
        "displayName": "LearningMode",
        "type": "INTEGER",
        "value": null,
        "relation": null,
        "size": 11,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "LearningModelId",
        "displayName": "LearningModelId",
        "type": "LONG",
        "value": null,
        "relation": null,
        "size": 20,

```

```

        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "ParameterizedOfferAttribute",
        "displayName": "ParameterizedOfferAttribute",
        "type": "STRING",
        "value": null,
        "relation": null,
        "size": 4000,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "EffectiveDate",
        "displayName": "EffectiveDate",
        "type": "DATE",
        "value": null,
        "relation": null,
        "size": 20,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "ExpirationDate",
        "displayName": "ExpirationDate",
        "type": "DATE",
        "value": null,
        "relation": null,
        "size": 20,
        "dynamic": false,
        "dateFormat": null
    }

```

```

},
{
  "name": "EnableState",
  "displayName": "EnableState",
  "type": "INTEGER",
  "value": null,
  "relation": null,
  "size": 11,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "CreateDate",
  "displayName": "CreateDate",
  "type": "DATE",
  "value": null,
  "relation": null,
  "size": 23,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "CreateBy",
  "displayName": "CreateBy",
  "type": "INTEGER",
  "value": null,
  "relation": null,
  "size": 11,
  "dynamic": false,
  "dateFormat": null
},
{

```



```

        "name": "UpdateDate",
        "displayName": "UpdateDate",
        "type": "DATE",
        "value": null,
        "relation": null,
        "size": 23,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "UpdateBy",
        "displayName": "UpdateBy",
        "type": "INTEGER",
        "value": null,
        "relation": null,
        "size": 11,
        "dynamic": false,
        "dateFormat": null
    },
    {
        "name": "salary",
        "displayName": "salary",
        "type": "LONG",
        "value": null,
        "relation": null,
        "size": 20,
        "dynamic": true,
        "dateFormat": null
    }
],
"serverGroups": [
    {

```

```

        "name": "cat1-sg1",
        "table": "UACI_OfferMapping781"
    }
],
"createDate": 1591792745917,
"createBy": 2,
"updateDate": 1591999065463,
"updateBy": 2,
"sourceSG": null,
"override": false,
"lastProdDepTime": null
}

```

### Update FlexOffer

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

### Input

```

{
  "offerMappingName": "OfferAttTest",
  "offerMappingDesc": "OfferAttTestXYZ"
}

```

Body Parameter – Content-Type: application/json

### Output

**Table 60. Response Codes**

|               |     |                       |
|---------------|-----|-----------------------|
| Success       | 202 | Accepted              |
| Miscellaneous | 207 | Miscellaneous         |
| Error         | 400 | Bad Request           |
| Server Error  | 500 | Internal Server Error |

**Example: Content-Type: application/json**

```
{
  "offerMappingId": 783,
  "offerMappingName": "CopyYYYYY",
  "offerMappingDesc": "CopyOfferMappingAABBAAAA",
  "physicalTableName": "UACI_OfferMapping781",
  "sourceFileName": "TestOfferMappingX_44.csv",
  "fields": [],
  "serverGroups": [
    {
      "name": "cat1-sg1",
      "table": "UACI_OfferMapping781"
    }
  ],
  "createDate": 1591792745917,
  "createBy": 2,
  "updateDate": 1592225960050,
  "updateBy": 2,
  "sourceSG": null,
  "override": false,
  "lastProdDepTime": null
}
```

**Copy FlexOffer**

PUT /Campaign/api/interact/rest/v2/channels/{icldOrName}/  
offermappingins/{offermappingIdOrName}??targetServerGroup=cat1-sg1

**Input**

Body Parameter – Content-Type: application/json

```
{
```

```

"offerMappingName":"OfferAttTest",
"offerMappingDesc":"OfferAttTestXYZAA",
"physicalTableName":"UACI_OfferMapping781",
"sourceFileName":"TestOfferMappingX_44.csv"
}

```

## Output

**Table 61. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Accepted     | 202 | Accepted              |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```

{
  "offerMappingId":783,
  "offerMappingName":"TestUpdateOM",
  "offerMappingDesc":"TestUpdateOMA",
  "physicalTableName":"UACI_OfferMapping781",
  "sourceFileName":"TestOfferMappingX_44.csv",
  "fields":[
    {
      "name":"OfferMappingRowID",
      "displayName":"OfferMappingRowID",
      "type":"LONG",
      "value":null,
      "relation":null,
      "size":20,
      "dynamic":false,
      "dateFormat":null
    },

```

```
{
  "name": "OfferID",
  "displayName": "OfferID",
  "type": "LONG",
  "value": null,
  "relation": null,
  "size": 20,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "OfferName",
  "displayName": "OfferName",
  "type": "STRING",
  "value": null,
  "relation": null,
  "size": 130,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "OfferCode",
  "displayName": "OfferCode",
  "type": "STRING",
  "value": null,
  "relation": null,
  "size": 320,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "CellID",
```

```

    "displayName": "CellID",
    "type": "LONG",
    "value": null,
    "relation": null,
    "size": 20,
    "dynamic": false,
    "dateFormat": null
  },
  {
    "name": "CellCode",
    "displayName": "CellCode",
    "type": "STRING",
    "value": null,
    "relation": null,
    "size": 64,
    "dynamic": false,
    "dateFormat": null
  },
  {
    "name": "ZoneID",
    "displayName": "ZoneID",
    "type": "LONG",
    "value": null,
    "relation": null,
    "size": 20,
    "dynamic": false,
    "dateFormat": null
  }
],
"serverGroups": [{
  "name": "cat1-sg1",
  "table": "UACI_OfferMapping781"
}]

```

```

    }
  ],
  "createDate":1591792745917,
  "createBy":2,
  "updateDate":1592235975133,
  "updateBy":2,
  "sourceSG":null,
  "override":false,
  "lastProdDepTime":null
}

```

### Delete FlexOffer

DELETE Campaign/api/interact/rest/v2/channels/{icldOrName}/  
offer mappings/{offer mappingIdOrName}

### Output

**Table 62. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| No Content   | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

### Create New FlexOffer

Post/Campaign/api/interact/rest/v2/channels/{icldOrName}/offer mappings

### Output

**Table 63. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| No Content   | 201 | Not Created           |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

```
{
```

```

    "offerMappingName": "TestDoc2",
    "physicalTableName": "testDoc2",
    "offerMappingDesc": "TestDoc2",
    "override": false
  }}

```

Example: Content-Type: application/json

```

{
  "offerMappingId": 792,
  "offerMappingName": "TestDoc2",
  "offerMappingDesc": "TestDoc2",
  "physicalTableName": "testDoc2",
  "sourceFileName": "",
  "fields": [
    {
      "name": "OfferMappingRowID",
      "displayName": "OfferMappingRowID",
      "type": "LONG",
      "value": null,
      "relation": null,
      "size": 20,
      "dynamic": false,
      "dateFormat": null
    },
    {
      "name": "OfferID",
      "displayName": "OfferID",
      "type": "LONG",
      "value": null,
      "relation": null,
      "size": 20,
      "dynamic": false,

```



```
"dateFormat": null
},
{
  "name": "OfferName",
  "displayName": "OfferName",
  "type": "STRING",
  "value": null,
  "relation": null,
  "size": 130,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "OfferCode",
  "displayName": "OfferCode",
  "type": "STRING",
  "value": null,
  "relation": null,
  "size": 320,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "CellID",
  "displayName": "CellID",
  "type": "LONG",
  "value": null,
  "relation": null,
  "size": 20,
  "dynamic": false,
  "dateFormat": null
},
```

```

{
  "name": "CellCode",
  "displayName": "CellCode",
  "type": "STRING",
  "value": null,
  "relation": null,
  "size": 64,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "ZoneID",
  "displayName": "ZoneID",
  "type": "LONG",
  "value": null,
  "relation": null,
  "size": 20,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "ZoneName",
  "displayName": "ZoneName",
  "type": "STRING",
  "value": null,
  "relation": null,
  "size": 64,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "EligibilityPredicateEnabled",

```

```
"displayName": "EligibilityPredicateEnabled",
"type": "BIT",
"value": null,
"relation": null,
"size": 1,
"dynamic": false,
"dateFormat": null
},
{
  "name": "EligibilityPredicate",
  "displayName": "EligibilityPredicate",
  "type": "STRING",
  "value": null,
  "relation": null,
  "size": 4000,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "MarketerScore",
  "displayName": "MarketerScore",
  "type": "INTEGER",
  "value": null,
  "relation": null,
  "size": 11,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "ScorePredicateEnabled",
  "displayName": "ScorePredicateEnabled",
  "type": "BIT",
```

```

"value": null,
"relation": null,
"size": 1,
"dynamic": false,
"dateFormat": null
},
{
"name": "ScorePredicate",
"displayName": "ScorePredicate",
"type": "STRING",
"value": null,
"relation": null,
"size": 4000,
"dynamic": false,
"dateFormat": null
},
{
"name": "LearningMode",
"displayName": "LearningMode",
"type": "INTEGER",
"value": null,
"relation": null,
"size": 11,
"dynamic": false,
"dateFormat": null
},
{
"name": "LearningModelId",
"displayName": "LearningModelId",
"type": "LONG",
"value": null,
"relation": null,

```

```
"size": 20,  
  "dynamic": false,  
  "dateFormat": null  
},  
{  
  "name": "ParameterizedOfferAttribute",  
  "displayName": "ParameterizedOfferAttribute",  
  "type": "STRING",  
  "value": null,  
  "relation": null,  
  "size": 4000,  
  "dynamic": false,  
  "dateFormat": null  
},  
{  
  "name": "EffectiveDate",  
  "displayName": "EffectiveDate",  
  "type": "DATE",  
  "value": null,  
  "relation": null,  
  "size": 20,  
  "dynamic": false,  
  "dateFormat": null  
},  
{  
  "name": "ExpirationDate",  
  "displayName": "ExpirationDate",  
  "type": "DATE",  
  "value": null,  
  "relation": null,  
  "size": 20,  
  "dynamic": false,
```

```
"dateFormat": null
},
{
  "name": "EnableState",
  "displayName": "EnableState",
  "type": "INTEGER",
  "value": null,
  "relation": null,
  "size": 11,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "CreateDate",
  "displayName": "CreateDate",
  "type": "DATE",
  "value": null,
  "relation": null,
  "size": 23,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "CreateBy",
  "displayName": "CreateBy",
  "type": "INTEGER",
  "value": null,
  "relation": null,
  "size": 11,
  "dynamic": false,
  "dateFormat": null
},
}
```

```
{
  "name": "UpdateDate",
  "displayName": "UpdateDate",
  "type": "DATE",
  "value": null,
  "relation": null,
  "size": 23,
  "dynamic": false,
  "dateFormat": null
},
{
  "name": "UpdateBy",
  "displayName": "UpdateBy",
  "type": "INTEGER",
  "value": null,
  "relation": null,
  "size": 11,
  "dynamic": false,
  "dateFormat": null
}
],
"serverGroups": [],
"createDate": 1592238515390,
"createBy": 2,
"updateDate": 1592238515390,
"updateBy": 2,
"sourceSG": null,
"override": false,
"lastProdDepTime": null
}
```

### Create New FlexOffer from database table

Post/Campaign/api/interact/rest/v2/channels/{icldOrName}/offer mappings

## Output

**Table 64. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| No Content   | 201 | Not Created           |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

```
{
  "offerMappingName": "TestDoc4",
  "sourceSG": "defaultServerGroup",
  "sourceFileName": "UACI_OfferMapping793",
  "offerMappingDesc": "TestDoc4",
  "override": false
}
```

Example: Content-Type: application/json

Similar response like Create New FlexOffer

## Create FlexOffer from imported csvFile

Post/Campaign/api/interact/rest/v2/channels/{icldOrName}/offer mappings/  
uploadfile

## Output

**Table 65. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| No Content   | 201 | Not Created           |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Form Data:



```
file: (binary)
{
  "offerMappingName": "TestDoc5",
  "offerMappingDesc": "TestDoc5",
  "override": false,
  "fields": [
    {
      "name": "offer id",
      "type": "LONG",
      "value": null,
      "dateFormat": null,
      "size": 20
    },
    {
      "name": "salary",
      "type": "LONG",
      "value": null,
      "dateFormat": null,
      "size": 11
    }
  ]
}
```

Example: Content-Type: application/json

Similar response like create new flex offer mapping

### Get All Server Groups

Post/servergroups

### Output

**Table 66. Response Codes**

|              |     |                                         |
|--------------|-----|-----------------------------------------|
| Success      | 200 | Ok                                      |
| Error        | 400 | Inputs provided for the API are invalid |
| Server Error | 500 | Internal Server Error                   |

Example: Content-Type: application/json

```
[
  "cat1-sg1",
  "defaultServerGroup"
]
```

**Get All Tables by Server Group**

GET Campaign/api/interact/rest/v2/tables?  
serverGroupName=defaultServerGroup

**Output****Table 67. Response Codes**

|              |     |                                        |
|--------------|-----|----------------------------------------|
| Success      | 200 | Ok                                     |
| Error        | 400 | Inputs provide for the API are invalid |
| Server Error | 500 | Internal Server Error                  |

Example: Content-Type: application/json

```
[
  "DF_AUDIENCE",
  "DF_AUDIENCE_FIELD",
  "DF_AUDIENCE_TABLE",
  "DF_CONFIG",
```

```

    "DF_FIELDCONSTRAINT",
    "DF_FILTER",
    "DF_LOGICAL_FIELD",
    "MYOFFERLIST",
    "MYOFFERLISTABC",
    "MySpecialOffer",
    "TMP_UACI_OfferMapping770",
    "TableMap25",
    "TableMap25XY",
    "Test041820202"
  ]

```

## API - FlexOffer Rules

### Description

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

### Get All FlexOffer Rules of FlexOffer Id or Name

GET Campaign/api/interact/rest/v2/channels/ {icldOrName}/offer mappings/  
 {offer mappingIdOrName}/rules?page=0&size=50&OfferName=con;Offer

### Output

**Table 68. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```

{
  "content": [

```

```

{
  "offerMappingRowID": 2269,
  "offerId": 12,
  "offerName": "Offer 000000011 (expired)",
  "offerCode": "000000011",
  "cellId": -1,
  "cellCode": "[Default cell]",
  "zoneId": 0,
  "zoneName": "All zones",
  "score": 50,
  "scorePredicateEnabled": false,
  "scorePredicate": null,
  "enabled": true,
  "eligibilityPredicateEnabled": false,
  "eligibilityPredicateId": 0,
  "eligibilityPredicate": null,
  "effectiveDate": null,
  "expirationDate": null,
  "learningMode": 1,
  "learningModelId": 0,
  "lmName": "",
  "parameterizedOfferAttribute": "",
  "offerAttrExpressions": [],
  "userdefinedFields": null,
  "userdefinedFieldsMap": null,
  "createDate": 1592249123863,
  "createBy": 2,
  "updateDate": null,
  "updateBy": 0,
  "scorePredicateId": 0,
  "salary": 25000
},

```

```
{
  "offerMappingRowID": 2268,
  "offerId": 6,
  "offerName": "Offer 0000000005",
  "offerCode": "pr0000000003",
  "cellId": -1,
  "cellCode": "[Default cell]",
  "zoneId": 0,
  "zoneName": "All zones",
  "score": 50,
  "scorePredicateEnabled": false,
  "scorePredicate": null,
  "enabled": true,
  "eligibilityPredicateEnabled": false,
  "eligibilityPredicateId": 0,
  "eligibilityPredicate": null,
  "effectiveDate": null,
  "expirationDate": null,
  "learningMode": 1,
  "learningModelId": 0,
  "lmName": "",
  "parameterizedOfferAttribute": "",
  "offerAttrExpressions": [],
  "userdefinedFields": null,
  "userdefinedFieldsMap": null,
  "createDate": 1592249123863,
  "createBy": 2,
  "updateDate": null,
  "updateBy": 0,
  "scorePredicateId": 0,
  "salary": 15000
},
```

```

],
"page": {
  "pageNumber": 0,
  "totalElements": 6,
  "totalPages": 1,
  "size": 50,
  "hasNext": false,
  "hasPrev": false
}
}

```

### Get FlexOffer Rule by Rule ID or Name

GET /Campaign/interact/api/v2/ /channels/{icldOrName}/offer mappings/  
{offerMappingIdOrName}/rules/{ruleIdOrName}

### Output

**Table 69. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```

{
  "offerMappingRowID": 2264,
  "offerId": 15,
  "offerName": "Offer 0000000014",
  "offerCode": "0000000014",
  "cellId": -1,
  "cellCode": "[Default cell]",
  "zoneId": 0,

```

```

    "zoneName": "All zones",
    "score": 50,
    "scorePredicateEnabled": false,
    "scorePredicate": null,
    "enabled": true,
    "eligibilityPredicateEnabled": false,
    "eligibilityPredicateId": 0,
    "eligibilityPredicate": null,
    "effectiveDate": null,
    "expirationDate": null,
    "learningMode": 1,
    "learningModelId": 0,
    "lmName": "",
    "parameterizedOfferAttribute": "",
    "offerAttrExpressions": [],
    "userdefinedFields": null,
    "userdefinedFieldsMap": null,
    "createDate": 1592249123863,
    "createBy": 2,
    "updateDate": null,
    "updateBy": 0,
    "scorePredicateId": 0,
    "salary": 1000
  }

```

### Save FlexOffer Rules

POST /Campaign/interact/api/v2/channels/{icldOrName}/offer mappings/  
 {offermappingIdOrName}/rules

### Output

**Table 70. Response Codes**

|         |     |          |
|---------|-----|----------|
| Success | 202 | Accepted |
|---------|-----|----------|

|              |     |                       |
|--------------|-----|-----------------------|
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```
{
  "newColumns": [
    {
      "name": "abc",
      "type": "STRING",
      "value": "abc",
      "size": 64,
      "relation": null,
      "dynamic": true
    }
  ],
  "toAdd": [],
  "toUpdate": [
    {
      "offerMappingRowID": 2266,
      "offerName": "Offer 0000000001 (retired)",
      "offerCode": "pr0000000001",
      "zoneName": "All zones",
      "cellCode": "A0000000016",
      "score": 50,
      "offerAttrExpressions": [],
      "enabled": true,
      "eligibilityPredicateEnabled": false,
      "effectiveDate": null,
      "expirationDate": null,
      "salary": 30000,
      "offerId": 2,
```



```

    "eligibilityPredicate": null,
    "scorePredicateEnabled": false,
    "learningMode": 1,
    "learningModelId": 0,
    "lmName": "",
    "scorePredicate": null,
    "cellId": 17,
    "abc": "abc"
  }
],
"toDelete": [
  2269
]
}

```

### Preview of database existed table

Get /Campaign/interact/api/v2/channels/5/preview?

serverGroup=defaultServerGroup&sourceType=table&source=UACI\_OfferMapping765

### Output

**Table 71. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```

{
  "content": [
    {
      "offerMappingRowID": 0,
      "offerId": 0,

```

```

"offerName": null,
"offerCode": null,
"cellId": null,
"cellCode": null,
"zoneId": null,
"zoneName": null,
"score": 50,
"scorePredicateEnabled": false,
"scorePredicate": null,
"enabled": true,
"eligibilityPredicateEnabled": false,
"eligibilityPredicateId": 0,
"eligibilityPredicate": null,
"effectiveDate": null,
"expirationDate": null,
"learningMode": 1,
"learningModelId": null,
"lmName": null,
"parameterizedOfferAttribute": "",
"offerAttrExpressions": null,
"userdefinedFields": null,
"userdefinedFieldsMap": {
  "ZoneID": 0,
  "EligibilityPredicate": null,
  "CreateBy": 2,
  "CellID": 6,
  "ParameterizedOfferAttribute": "",
  "salary": 1000,
  "CreateDate": 1591187221137,
  "UpdateBy": null,
  "ZoneName": "",
  "UpdateDate": null,

```

```

        "predicate": "",
        "OfferCode": "0000000007",
        "ScorePredicateEnabled": 0,
        "EligibilityPredicateEnabled": 0,
        "MarketerScore": 50,
        "ScorePredicate": null,
        "LearningModelId": 0,
        "CellCode": "A0000000005",
        "OfferID": 8,
        "OfferName": "Offer 0000000007",
        "ExpirationDate": null,
        "mybdata": 1,
        "LearningMode": 1,
        "EnableState": 1,
        "EffectiveDate": null
    },
    "createDate": null,
    "createBy": 0,
    "updateDate": null,
    "updateBy": 0,
    "scorePredicateId": 0
},
{
    "offerMappingRowID": 0,
    "offerId": 0,
    "offerName": null,
    "offerCode": null,
    "cellId": null,
    "cellCode": null,
    "zoneId": null,
    "zoneName": null,
    "score": 50,

```

```

"scorePredicateEnabled": false,
"scorePredicate": null,
"enabled": true,
"eligibilityPredicateEnabled": false,
"eligibilityPredicateId": 0,
"eligibilityPredicate": null,
"effectiveDate": null,
"expirationDate": null,
"learningMode": 1,
"learningModelId": null,
"lmName": null,
"parameterizedOfferAttribute": "",
"offerAttrExpressions": null,
"userdefinedFields": null,
"userdefinedFieldsMap": {
  "ZoneID": 0,
  "EligibilityPredicate": null,
  "CreateBy": 2,
  "CellID": 6,
  "ParameterizedOfferAttribute": "",
  "salary": 10000,
  "CreateDate": 1591187221137,
  "UpdateBy": null,
  "ZoneName": "",
  "UpdateDate": null,
  "predicate": "",
  "OfferCode": "0000000009",
  "ScorePredicateEnabled": 0,
  "EligibilityPredicateEnabled": 0,
  "MarketerScore": 50,
  "ScorePredicate": null,
  "LearningModelId": 0,

```

```

        "CellCode": "A0000000005",
        "OfferID": 10,
        "OfferName": "Offer 0000000009",
        "ExpirationDate": null,
        "mybdata": 1,
        "LearningMode": 1,
        "EnableState": 1,
        "EffectiveDate": null
    },
    "createDate": null,
    "createBy": 0,
    "updateDate": null,
    "updateBy": 0,
    "scorePredicateId": 0
},
{
    "offerMappingRowID": 0,
    "offerId": 0,
    "offerName": null,
    "offerCode": null,
    "cellId": null,
    "cellCode": null,
    "zoneId": null,
    "zoneName": null,
    "score": 50,
    "scorePredicateEnabled": false,
    "scorePredicate": null,
    "enabled": true,
    "eligibilityPredicateEnabled": false,
    "eligibilityPredicateId": 0,
    "eligibilityPredicate": null,
    "effectiveDate": null,

```

```

"expirationDate": null,
"learningMode": 1,
"learningModelId": null,
"lmName": null,
"parameterizedOfferAttribute": "",
"offerAttrExpressions": null,
"userdefinedFields": null,
"userdefinedFieldsMap": {
  "ZoneID": 0,
  "EligibilityPredicate": null,
  "CreateBy": 2,
  "CellID": 17,
  "ParameterizedOfferAttribute": "",
  "salary": 30000,
  "CreateDate": 1591187221137,
  "UpdateBy": null,
  "ZoneName": "",
  "UpdateDate": null,
  "predicate": "",
  "OfferCode": "pr0000000001",
  "ScorePredicateEnabled": 0,
  "EligibilityPredicateEnabled": 0,
  "MarketerScore": 50,
  "ScorePredicate": null,
  "LearningModelId": 0,
  "CellCode": "A0000000016",
  "OfferID": 2,
  "OfferName": "Offer 0000000001",
  "ExpirationDate": null,
  "mybdata": 0,
  "LearningMode": 1,
  "EnableState": 1,

```

```

        "EffectiveDate": null
    },
    "createDate": null,
    "createBy": 0,
    "updateDate": null,
    "updateBy": 0,
    "scorePredicateId": 0
},
{
    "offerMappingRowID": 0,
    "offerId": 0,
    "offerName": null,
    "offerCode": null,
    "cellId": null,
    "cellCode": null,
    "zoneId": null,
    "zoneName": null,
    "score": 50,
    "scorePredicateEnabled": false,
    "scorePredicate": null,
    "enabled": true,
    "eligibilityPredicateEnabled": false,
    "eligibilityPredicateId": 0,
    "eligibilityPredicate": null,
    "effectiveDate": null,
    "expirationDate": null,
    "learningMode": 1,
    "learningModelId": null,
    "lmName": null,
    "parameterizedOfferAttribute": "",
    "offerAttrExpressions": null,
    "userdefinedFields": null,

```

```

"userdefinedFieldsMap": {
  "ZoneID": 0,
  "EligibilityPredicate": null,
  "CreateBy": 2,
  "CellID": 17,
  "ParameterizedOfferAttribute": "",
  "salary": 20000,
  "CreateDate": 1591187221137,
  "UpdateBy": null,
  "ZoneName": "",
  "UpdateDate": null,
  "predicate": "",
  "OfferCode": "pr0000000002",
  "ScorePredicateEnabled": 0,
  "EligibilityPredicateEnabled": 0,
  "MarketerScore": 50,
  "ScorePredicate": null,
  "LearningModelId": 0,
  "CellCode": "A0000000016",
  "OfferID": 4,
  "OfferName": "Offer 0000000003",
  "ExpirationDate": null,
  "mybdata": 0,
  "LearningMode": 1,
  "EnableState": 1,
  "EffectiveDate": null
},
"createDate": null,
"createBy": 0,
"updateDate": null,
"updateBy": 0,
"scorePredicateId": 0

```



```

},
{
  "offerMappingRowID": 0,
  "offerId": 0,
  "offerName": null,
  "offerCode": null,
  "cellId": null,
  "cellCode": null,
  "zoneId": null,
  "zoneName": null,
  "score": 50,
  "scorePredicateEnabled": false,
  "scorePredicate": null,
  "enabled": true,
  "eligibilityPredicateEnabled": false,
  "eligibilityPredicateId": 0,
  "eligibilityPredicate": null,
  "effectiveDate": null,
  "expirationDate": null,
  "learningMode": 1,
  "learningModelId": null,
  "lmName": null,
  "parameterizedOfferAttribute": "",
  "offerAttrExpressions": null,
  "userdefinedFields": null,
  "userdefinedFieldsMap": {
    "ZoneID": 0,
    "EligibilityPredicate": null,
    "CreateBy": 2,
    "CellID": 17,
    "ParameterizedOfferAttribute": "",
    "salary": 15000,
  }
}

```

```

        "CreateDate": 1591187221137,
        "UpdateBy": null,
        "ZoneName": "",
        "UpdateDate": null,
        "predicate": "",
        "OfferCode": "pr0000000003",
        "ScorePredicateEnabled": 0,
        "EligibilityPredicateEnabled": 0,
        "MarketerScore": 50,
        "ScorePredicate": null,
        "LearningModelId": 0,
        "CellCode": "A0000000016",
        "OfferID": 6,
        "OfferName": "Offer 0000000005",
        "ExpirationDate": null,
        "mybdata": 0,
        "LearningMode": 1,
        "EnableState": 1,
        "EffectiveDate": null
    },
    "createDate": null,
    "createBy": 0,
    "updateDate": null,
    "updateBy": 0,
    "scorePredicateId": 0
},
{
    "offerMappingRowID": 0,
    "offerId": 0,
    "offerName": null,
    "offerCode": null,
    "cellId": null,

```

```

"cellCode": null,
"zoneId": null,
"zoneName": null,
"score": 50,
"scorePredicateEnabled": false,
"scorePredicate": null,
"enabled": true,
"eligibilityPredicateEnabled": false,
"eligibilityPredicateId": 0,
"eligibilityPredicate": null,
"effectiveDate": null,
"expirationDate": null,
"learningMode": 1,
"learningModelId": null,
"lmName": null,
"parameterizedOfferAttribute": "",
"offerAttrExpressions": null,
"userdefinedFields": null,
"userdefinedFieldsMap": {
  "ZoneID": 0,
  "EligibilityPredicate": null,
  "CreateBy": 2,
  "CellID": 17,
  "ParameterizedOfferAttribute": "",
  "salary": 25000,
  "CreateDate": 1591187221137,
  "UpdateBy": null,
  "ZoneName": "",
  "UpdateDate": null,
  "predicate": "",
  "OfferCode": "0000000011",
  "ScorePredicateEnabled": 0,

```

```

        "EligibilityPredicateEnabled": 0,
        "MarketerScore": 50,
        "ScorePredicate": null,
        "LearningModelId": 0,
        "CellCode": "A000000016",
        "OfferID": 12,
        "OfferName": "Offer 000000011",
        "ExpirationDate": null,
        "mybdata": 1,
        "LearningMode": 1,
        "EnableState": 1,
        "EffectiveDate": null
    },
    "createDate": null,
    "createBy": 0,
    "updateDate": null,
    "updateBy": 0,
    "scorePredicateId": 0
}
],
"page": {
    "pageNumber": 0,
    "totalElements": 30,
    "totalPages": 1,
    "size": 30,
    "hasNext": false,
    "hasPrev": false
}
}

```

### Delete FlexOffer rules

DELETE /Campaign/api/interact/rest/v2/channels/{icldOrName}/  
offer mappings/{offerMappingIdOrName}/delete

## Output

**Table 72. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| No Content   | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

## Input

Body Parameter – Content-Type: application/json

```
{"ids": [7040, 7041]}
```

# API - FlexOffer Filter

## Dexcription

These APIs are used to perform CRUD operations on the FlexOffer filters.

## Get FlexOffer filters

GET /channels/{icldOrName}offer mappings/{offerMappingIdOrName}/filters?  
page=2&size=2&sort=Name,DESC&sort=CreateDate,ASC&condition=<condition1>

## Output

**Table 73. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```
{
  "content": [
    {
      "filterID": 21,
      "name": "abc",
      "description": "abc",
      "isDefault": true,
      "createDate": 1577975850230,
      "createBy": 2,
      "updateDate": 1577975850230,
      "updateBy": 2
    },
    {...}
  ],
  "page": {
    "pageNumber": 0,
    "totalElements": 13,
    "totalPages": 2,
    "size": 10,
    "hasNext": true,
    "hasPrev": false
  }
}
```

 **Note:** This output does not include conditions of these filters.

### Get FlexOffer Filter by ID or Name

GET `/{{icIdOrName}}offer mappings/{{offerMappingIdOrName}}/filters/  
{{filterIdOrName}}`

### Output

**Table 74. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```
{
  "filterID": 7,
  "name": "abc",
  "description": "abc",
  "conditions": [
    {
      "name": "userdefinedfield",
      "type": "STRING",
      "value": "MyTest",
      "relation": "EQUAL"
    },
    {...}
  ],
  "isDefault": true,
  "createDate": 1577798965853,
  "createBy": 2,
  "updateDate": 1577798965853,
  "updateBy": 2
}
```

### Add FlexOffer filters

POST /channels/{icldOrName}/offer mappings/{offerMappingIdOrName}/  
filters

### Input

## Body Parameter – Content-Type: application/json

```
{
  "name": "abc",
  "description": "abc",
  "isDefault": true,
  "condition": [
    {
      "type": "STRING",
      "name": "userdefinedfield",
      "value": "MyTest",
      "relation": "EQUAL"
    },
    {...}
  ]
}
```

## Output

**Table 75. Response Codes**

|               |     |                       |
|---------------|-----|-----------------------|
| Created       | 201 | Created               |
| Miscellaneous | 207 | Miscellaneous         |
| Error         | 400 | Bad Request           |
| Server Error  | 500 | Internal Server Error |

## Update FlexOffer filter

PUT /channels/{icldOrName}/offer mappings/{offerMappingIdOrName}/  
filters/{filterIdOrName}

## Input

Body Parameter – Content-Type: application/json

 **Note:** Only the fields that have new values must be in the request body.



```
{
  "name": "testfilter2",
  "description": "testfilter2",
  "condition": [
    {
      "type": "STRING",
      "name": "userdefinedfield",
      "value": "MyTest",
      "relation": "EQUAL"
    },
    {...}
  ]
}
```

## Output

**Table 76. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Accepted     | 202 | Accepted              |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

## Delete FlexOffer filters

Delete/channels/{icldOrName}/offer mappings/{offerMappingIdOrName}/  
filters filters/{filterIdOrName}

## Input

Body Parameter – Content-Type: application/json

## Output

**Table 77. Response Codes**

|            |     |             |
|------------|-----|-------------|
| No Content | 200 | Ok          |
| Error      | 400 | Bad Request |

|              |     |                       |
|--------------|-----|-----------------------|
| Server Error | 500 | Internal Server Error |
|--------------|-----|-----------------------|

## API - FlexOffers Deployment

### Description

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

### Mark for deployment or undeployment

PUT/channels/{icIdOrName}/offer mappings/{offerMappingId}/deployment

### Input

Request Body Parameter – Content-Type: application/json

To mark for deployment

```
{
  "deployAction": "markDeploy"
}
```

To mark for undeployment

```
{
  "deployAction": "markUndeploy"
}
```

### Sample response

```
{
  "deployAction": "markDeploy",
  "state": 2,
  "deployedState": 11,
  "dirty": true,
```

```

    "lastProdDepTime": 1578016269626,
    "lastMarkTime": 1586258988734,
    "deploymentStatusText": "Last production deployment
01/03/2020 07:21:09.",
    "deploymentWaitMessage": "Waiting to be deployed since
04/07/2020 16:59:48, and locked against edits."
  }

```

## Output

**Table 78. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Accepted     | 202 | Accepted              |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

## Cancel deployment/undeployment for FlexOffers

DELETE

DELETE /channels/{icldOrName}/offer mappings/{offerMappingId}/  
deployment

## Input

Request Body Parameter – Content-Type: application/json

To cancel mark for deployment

```

{
  "cancelDeploy": "markDeploy"
}

```

To cancel mark for undeployment

```

{
  "cancelDeploy": "markUndeploy"
}

```

```
}
```

### Sample response

```
{
  "cancelDeploy": "markDeploy",
  "state": 2,
  "deployedState": 11,
  "dirty": true,
  "lastProdDepTime": 1578016269626,
  "lastMarkTime": 1586258988734,
  "deploymentStatusText": "Last production deployment
01/03/2020 07:21:09.",
  "deploymentWaitMessage": "Waiting to be deployed since
04/07/2020 16:59:48, and locked against edits."
}
```

### Output

**Table 79. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

### Get deployment state for FlexOffers

GET

GET /channels/{icldOrName}/offer mappings/{offerMappingId}/deployment

### Output

**Table 80. Response Codes**

|         |     |    |
|---------|-----|----|
| Success | 200 | Ok |
|---------|-----|----|

|              |     |                                          |
|--------------|-----|------------------------------------------|
| Error        | 400 | Bad Request                              |
| Server Error | 500 | nputs provided for the API are not valid |

### Sample responses

```
{
  "deployAction": "getDeploymentState",
  "state": 0,
  "deployedState": 10,
  "dirty": false,
  "lastProdDepTime": null,
  "lastMarkTime": null,
  "deploymentStatusText": "Not yet deployed",
  "deploymentWaitMessage": null
}
```

```
{
  "deployAction": "markDeploy",
  "state": 2,
  "deployedState": 11,
  "dirty": true,
  "lastProdDepTime": 1578016269626,
  "lastMarkTime": 1586258988734,
  "deploymentStatusText": "Last production deployment
01/03/2020 07:21:09.",
  "deploymentWaitMessage": "Waiting to be deployed since
04/07/2020 16:59:48, and locked against edits."
}
```

deployedState

- NOT\_YET\_DEPLOYED: 10
- DEPLOYED: 11
- UN\_DEPLOYED: 12

## State

- READY\_FOR\_DEPLOYMENT: 0
- READY\_FOR\_UN\_DEPLOYMENT: 1
- MARK\_FOR\_DEPLOYMENT: 2
- MARK\_FOR\_UN\_DEPLOYMENT: 3

# API - Gateway

## Description

These APIs are used to perform CRUD operations on Gateway. These APIs are available from version 12.1.0.3 onwards.

## Create

POST /channels/{icldOrName}/gateways

## Input

Body Parameter – Content-Type: application/json

```
{
  "audienceLevel": "string",
  "contentMapping": [
    {
      "custom": true,
      "dateFormat": "string",
      "defaultValue": {},
      "endpointFieldName": "string",
      "expression": true,
```

```

        "interactFieldName": "string",
        "mandatory": true,
        "size": 0,
        "type": "string"
    }
],
"createBy": 0,
"createDate": "2020-11-27T04:53:39.602Z",
"defaultCellCode": "string",
"defaultCellID": 0,
"description": "string",
"effectiveDate": 0,
"eventMapping": [
    {
        "contentMapping": [
            {
                "custom": true,
                "dateFormat": "string",
                "defaultValue": {},
                "endpointFieldName": "string",
                "expression": true,
                "interactFieldName": "string",
                "mandatory": true,
                "size": 0,
                "type": "string"
            }
        ],
        "endpointEvent": "string",
        "interactEvent": "string"
    }
],
"expirationDate": 0,

```

```

    "icId": 0,
    "id": 0,
    "name": "string",
    "noOfMessages": 0,
    "priority": 0,
    "type": 0,
    "updateBy": 0,
    "updateDate": "2020-11-27T04:53:39.602Z"
  }

```

## Output

**Table 81. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Created      | 201 | Created               |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```

{
  "id": 0,
  "name": "String",
  "description": " String ",
  "icId": 0,
  "defaultCellCode": null,
  "defaultCellID": 0,
  "type": 0,
  "priority": 0,
  "noOfMessages": 0,
  "audienceLevel": "String",
  "effectiveDate": 0,

```



```

    "expirationDate": 0,
    "eventMapping": null,
    "contentMapping": [
      {
        "type": "string",
        "interactFieldName": "",
        "endpointFieldName": "String",
        "mandatory": false,
        "size": 0,
        "dateFormat": "",
        "defaultValue": "String",
        "custom": true,
        "expression": false
      }
    ],
    "createDate": 0,
    "createBy": 0,
    "updateDate": 0,
    "updateBy": 0
  }

```

## Get All

GET /channels/{icldOrName}/gateways?page=0&size=10&typeId={1/2/3}

## Input

**Table 82. Query Parameters**

| Parameters | Description                           | Default value |
|------------|---------------------------------------|---------------|
| page       | number, nth page to retrieve records. | 0             |

|        |                                                                                                                                             |    |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------|----|
| size   | Number of records per page                                                                                                                  | 10 |
| typeld | Type of Journey <ul style="list-style-type: none"> <li>• Generic Outbound</li> <li>• Generic Inbound</li> <li>• Journey Outbound</li> </ul> |    |

## Output

**Table 83. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example response: Content-Type: application/json

```
{
  "content": [
    {
      "id": 0,
      "name": "String",
      "description": "String",
      "icId": 0,
      "defaultCellCode": "String",
      "defaultCellID": 0,
      "type": 0,
      "priority": 0,
      "noOfMessages": 0,
      "audienceLevel": "String",
      "effectiveDate": long,
    }
  ]
}
```

```

        "expirationDate": long,
        "eventMapping": null,
        "contentMapping": [
            {
                "type": "string",
                "interactFieldName": "String",
                "endpointFieldName": "String",
                "mandatory": true,
                "size": 0,
                "dateFormat": null,
                "defaultValue": "String",
                "custom": false,
                "expression": false
            }
        ],
        {...}
    ],
    "createDate": long,
    "createBy": 0,
    "updateDate": long,
    "updateBy": 0
},
{...}
],
"page": {
    "pageNumber": 0,
    "totalElements": 0,
    "totalPages": 0,
    "size": 0,
    "hasNext": false,
    "hasPrev": false
}
}

```

## Update

### Input

Body Parameter – Content-Type:application/json

```
{
  "audienceLevel": "string",
  "contentMapping": [
    {
      "custom": true,
      "dateFormat": "string",
      "defaultValue": {},
      "endpointFieldName": "string",
      "expression": true,
      "interactFieldName": "string",
      "mandatory": true,
      "size": 0,
      "type": "string"
    }
  ],
  "createBy": 0,
  "createDate": "2020-11-27T04:53:39.602Z",
  "defaultCellCode": "string",
  "defaultCellID": 0,
  "description": "string",
  "effectiveDate": 0,
  "eventMapping": [
    {
      "contentMapping": [
        {
          "custom": true,
          "dateFormat": "string",
          "defaultValue": {},
```

```

        "endpointFieldName": "string",
        "expression": true,
        "interactFieldName": "string",
        "mandatory": true,
        "size": 0,
        "type": "string"
    }
],
    "endpointEvent": "string",
    "interactEvent": "string"
}
],
"expirationDate": 0,
"icId": 0,
"id": 0,
"name": "string",
"noOfMessages": 0,
"priority": 0,
"type": 0,
"updateBy": 0,
"updateDate": "2020-11-27T04:53:39.602Z"
}

```

## Output

**Table 84. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Accepted     | 202 | Accepted              |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal/Server Error |

Example: Content-Type: application/json

```

{
  {
    "content": [
      {
        "id": 0,
        "name": "String",
        "description": "String",
        "icId": 0,
        "defaultCellCode": "String",
        "defaultCellID": 0,
        "type": 0,
        "priority": 0,
        "noOfMessages": 0,
        "audienceLevel": "String",
        "effectiveDate": long,
        "expirationDate": long,
        "eventMapping": null,
        "contentMapping": [
          {
            "type": "string",
            "interactFieldName": "String",
            "endpointFieldName": "String",
            "mandatory": true,
            "size": 0,
            "dateFormat": null,
            "defaultValue": "String",
            "custom": false,
            "expression": false
          }
        ]
      }
    ]
  },
  "createDate": long,

```

```

        "createBy": 0,
        "updateDate": long,
        "updateBy": 0
    }
],
"page": {
    "pageNumber": 0,
    "totalElements": 0,
    "totalPages": 0,
    "size": 0,
    "hasNext": false,
    "hasPrev": false
}
}}
```

## API - Interactive Channel Deployment

### Description

This API is used to deploy interactive channel.

### Deploy/Un-deploy

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

### Parameters

| Parameters    | Description                            | Values                               |
|---------------|----------------------------------------|--------------------------------------|
| request       | task to perform                        | 1: Deploy (default)<br>-1: Un-deploy |
| includeGlobal | include global data or not in the task | true (default)<br>false              |
| globalOnly    | only deploy or un-deploy global data   | true                                 |

|  |  |                 |
|--|--|-----------------|
|  |  | false (default) |
|--|--|-----------------|

Body Parameter – Content-Type: application/json

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

## Output

**Table 85. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

## API – Interactive Flowchart Process Box APIs

### Description

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

### Create

POST /channels/{icIdOrName}/flowcharts/{flowchartIdOrName}/  
processboxes?sessionId={sessionId}

### Input

Query Parameters:

sessionId



## Body Parameter – Content-Type: application/json

### Interaction Process Box:

```
{
  "downstreamPBNames": [
    "downstream PB name"
  ],
  "upstreamPBNames": [
    "upstream PB name"
  ],
  "name": "Interaction_API",
  "notes": "notes",
  "processBoxConfiguration": {
    "type": "Interaction",
    "selectAllIds": false,
    "maxSize": "5"
  }
}
```

### Decision Process Box:

```
{
  "downstreamPBNames": [
    "Downstream PB name"
  ],
  "upstreamPBNames": [
    "Interaction_API"
  ],
  "name": "Decision1",
  "notes": "Decision Notes",
  "processBoxConfiguration": {
    "input": ["Interaction_API"],
  }
}
```

```

    "type": "Decision",
    "mutuallyExclusiveBranches": false,
    "branchDetails": [
      {
        "branchName": "Branch_11",
        "selectAllIds": false,
        "expression": "CUSTOMERID < 10",
        "tableName": "prod12_cust"
      },
      {
        "branchName": "Branch_12",
        "selectAllIds": true,
        "tableName": "prod12_cust"
      }
    ]
  }
}

```

### Decision Process Box

```

{
  "downstreamPBNames": [
    "Downstream PB name"
  ],
  "upstreamPBNames": [
    "Interaction_API"
  ],
  "name": "Decision1",
  "notes": "Decision Notes",
  "processBoxConfiguration": {
    "input": ["Interaction_API"],
    "type": "Decision",
    "mutuallyExclusiveBranches": false,

```

```

    "branchDetails": [
      {
        "branchName": "Branch_11",
        "selectAllIds": false,
        "expression": "CUSTOMERID < 10",
        "tableName": "prod12_cust"
      },
      {
        "branchName": "Branch_12",
        "selectAllIds": true,
        "tableName": "prod12_cust"
      }
    ]
  }
}

```

#### PopulateSeg Process Box:

```

{
  "downstreamPBNames": [
    "Downstream PB name"
  ],
  "upstreamPBNames": [
    "Decision1"
  ],
  "name": "PopulateSeg3",
  "notes": "Populate seg notes",
  "processBoxConfiguration": {
    "type": "PopulateSeg",
    "inputPBLList": [
      {
        "audienceName": "Customer",
        "policyId": 2,

```

```

        "description": "Test Description",
        "inputCell": "Decision1.Branch_11",
        "segmentName": "Seg_Gold_Customers",
        "folderId": 3
      }
    ]
  }
}

```

### Select Process Box

```

{
  "downstreamPBNames": [
    "Decision1"
  ],
  "upstreamPBNames": [
    "Interaction_API"
  ],
  "name": "Select_API",
  "notes": "notes",
  "processBoxConfiguration": {
    "type": "Select",
    "selectInputTables": "prod12_cust",
    "selectAllIds": false,
    "expression": "CUSTOMERID < 30"
  }
}

```

### Output

**Table 86. Response Codes**

|         |     |    |
|---------|-----|----|
| Success | 200 | Ok |
|---------|-----|----|

|              |     |                       |
|--------------|-----|-----------------------|
| Created      | 201 | Created               |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```
[
  {
    "name": "{created Process Box name}",
    "id": {process box ID}
  }
]
```

### Get All

GET /channels/{icIdOrName}/flowcharts/{flowchartIdOrName}/  
processboxes?sessionId={sessionId}

### Input

Query parameters:

sessionId

### Output

**Table 87. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad request           |
| Not Found    | 404 | Not Found             |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```
[
  {
    "pbID": 262,
    "name": "Interaction_API",
    "notes": "notes",
    "processBoxConfiguration": {
      "type": "Interaction",
      "selectAllIds": false,
      "maxSize": 5
    },
    "downstreamPBNames": [
      "Select_API",
      "Decision1"
    ],
    "upstreamPBNames": null
  },
  {
    "pbID": 284,
    "name": "Decision1",
    "notes": "Decision Notes",
    "processBoxConfiguration": {
      "type": "Decision",
      "input": [
        "Interaction_API"
      ],
      "branchDetails": [
        {
          "branchName": "Branch_11",
          "selectAllIds": false,
          "expression": "CUSTOMERID < 10",
          "tableName": "prod12_cust"
        }
      ]
    }
  }
]
```

```

        {
            "branchName": "Branch_12",
            "selectAllIds": true,
            "expression": null,
            "tableName": "prod12_cust"
        }
    ],
    "mutuallyExclusiveBranches": false
},
"downstreamPBNames": [
    "PopulateSeg3"
],
"upstreamPBNames": [
    "Select_API",
    "Interaction_API"
]
},
{
    "pbID": 311,
    "name": "PopulateSeg3",
    "notes": "Populate seg notes",
    "processBoxConfiguration": {
        "type": "PopulateSeg",
        "inputPBLList": [
            {
                "inputCell": "Decision1.Branch_11",
                "segmentName": "Seg_Gold_Customers",
                "folderId": 3,
                "description": "Test Description",
                "policyId": 2,
                "audienceName": "Customer"
            }
        ]
    }
}

```

```

    ]
  },
  "downstreamPBNames": null,
  "upstreamPBNames": [
    "Decision1"
  ]
},
{
  "pbID": 332,
  "name": "Select_API",
  "notes": "notes",
  "processBoxConfiguration": {
    "type": "Select",
    "selectInputTables": "prod12_cust",
    "selectAllIds": false,
    "expression": "CUSTOMERID < 30"
  },
  "downstreamPBNames": [
    "Decision1"
  ],
  "upstreamPBNames": [
    "Interaction_API"
  ]
}
]

```

**Get**

GET /channels/{icldOrName}/flowcharts/{flowchartIdOrName}/  
processboxes/{pbldOrName}?sessionId={sessionId}

**Input**

Request Parameters:



sessionId

## Output

### Response Codes

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Not Found    | 404 | Not Found             |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```
{
  "pbID": 262,
  "name": "Interaction_API",
  "notes": "notes",
  "processBoxConfiguration": {
    "type": "Interaction",
    "selectAllIds": false,
    "maxSize": 5
  },
  "downstreamPBNames": [
    "Select_API",
    "Decision1"
  ],
  "upstreamPBNames": null
}
```

## Update

PUT /channels/{icIdOrName}/flowcharts/{flowchartIdOrName}/  
processboxes/{pbIdOrName}?sessionId={sessionId}

## Input

Request Parameters:

sessionId

Body Parameter – Content-Type: application/json

```
{
  "downstreamPBNames": [
    "downstream PB name"
  ],
  "upstreamPBNames": [
    "upstream PB name"
  ],
  "name": "Interaction_API",
  "notes": "notes",
  "processBoxConfiguration": {
    "type": "Interaction",
    "selectAllIds": false,
    "maxSize": "5"
  }
}
```

## Output

### Response Codes

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```
{
  "pbID": 262,
  "name": "Interaction_API",
  "notes": "notes",
  "processBoxConfiguration": {
    "type": "Interaction",
    "selectAllIds": false,
    "maxSize": 5
  },
  "downstreamPBNames": [
    "Select_API",
    "Decision1"
  ],
  "upstreamPBNames": null
}
```

**Delete**

DELETE /channels/{icldOrName}/flowcharts/{flowchartIdOrName}/  
processboxes?sessionId={sessionId}

**Input**

Request parameters:

sessionId

pbids

**Output**

**Response Codes**

|            |     |    |
|------------|-----|----|
| Success    | 200 | Ok |
| No Content | 200 | Ok |

|              |     |                       |
|--------------|-----|-----------------------|
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

## API - Interactive Flowchart

### Description

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

### Create

POST /channels/{icldOrName}/flowcharts?sessionId={sessionId}

Request Parameters:

sessionId

Body Parameter – Content-Type: application/json

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

### Output

**Table 88. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| Success      | 200 | Ok                    |
| Created      | 201 | Created               |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```
{
  "createBy": 2,
  "createDate": 1588098600000,
  "description": "description goes here",
  "displayName": "flowchart_api_1",
  "fileName": "Session_auth_test_14_flowchart_api_1.ses",
  "flowchartId": 755,
  "flowchartName": "flowchart_api_1",
  "sessionId": 14,
  "sessionName": "Session_auth_test",
  "audienceName": "Customer",
  "name": "flowchart_api_1",
  "retired": false
}
```

## Get

GET /channels/{icldOrName}/flowcharts/{flowchartIdOrName}/validation?  
sessionId={sessionId}

Input:

Deployed State:

- 10 - Not yet Deployed
- 11 - Deployed
- 12 - Undeployed
- 13 - To be deployed
- 14 - To be undeployed

Deployment State:

- 0 - Ready for Deployment
- 1 - Ready for Deployment/UnDeployment
- 2 - Marked for Deployment
- 3 - Marked for UnDeployment

## Input

Query Parameters:

sessionId

## Output

**Table 89. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| No Content   | 204 | No Content            |
| Error        | 400 | Bad Request           |
| Not Found    | 404 | Not Found             |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```
{
  "state": 2,
  "deployedState": 10,
  "dirty": true,
  "lastProdDepTime": null,
  "lastMarkTime": 1588146541793
}
```

## Update

PUT /channels/{icldOrName}/flowcharts/{flowchartIdOrName}/deployments?  
sessionId={sessionId}

Notes:

Allowed values for parameter deployAction:

markDeploy - mark for deployment,

markUnDeploy - mark for undeployment

Input

Query parameters:

sessionId

Body parameter

Example: Content-Type: application/json

```
{
  "deployAction": "string"
}
```

Output

Table 90. Response Codes

|              |     |                       |
|--------------|-----|-----------------------|
| Accepted     | 202 | Accepted              |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |

Example: Content-Type: application/json

```
{
  "state": 2,
  "deployedState": 10,
  "dirty": true,
  "lastProdDepTime": null,
  "lastMarkTime": 1588146541793
}
```

Delete

DELETE /channels/{icIdOrName}/flowcharts/{flowchartIdOrName}/  
deployments?sessionId={sessionId}

**Input**

Query parameters

sessionId

**Output****Table 91. Response Codes**

|              |     |                       |
|--------------|-----|-----------------------|
| No Content   | 204 | No Content            |
| Error        | 400 | Bad Request           |
| Server Error | 500 | Internal Server Error |