

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  
ceIDField={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}/{interactionPointID}?
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,
    "noOfofferRequested": 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,
    "noOfofferRequested": 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
    }
  }
]

```



```

        \ "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\ ":\"A000000073\" ,\ "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/{icldOrName}/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/{icldOrName}/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/{icldOrName}/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/{icldOrName}/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/{icIdOrName}/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". "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" "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/{icldOrName}/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/{icIdOrName}/offer mappings/
{offerMappingIdOrName}

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 000000005",
  "offerCode": "pr000000003",
  "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 000000014",
  "offerCode": "000000014",
  "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 000000001 (retired)",
      "offerCode": "pr000000001",
      "zoneName": "All zones",
      "cellCode": "A000000016",
      "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": "000000007",
        "ScorePredicateEnabled": 0,
        "EligibilityPredicateEnabled": 0,
        "MarketerScore": 50,
        "ScorePredicate": null,
        "LearningModelId": 0,
        "CellCode": "A000000005",
        "OfferID": 8,
        "OfferName": "Offer 000000007",
        "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": "000000009",
  "ScorePredicateEnabled": 0,
  "EligibilityPredicateEnabled": 0,
  "MarketerScore": 50,
  "ScorePredicate": null,
  "LearningModelId": 0,
```

```
        "CellCode": "A000000005",
        "OfferID": 10,
        "OfferName": "Offer 000000009",
        "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": "pr000000001",
  "ScorePredicateEnabled": 0,
  "EligibilityPredicateEnabled": 0,
  "MarketerScore": 50,
  "ScorePredicate": null,
  "LearningModelId": 0,
  "CellCode": "A000000016",
  "OfferID": 2,
  "OfferName": "Offer 000000001",
  "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": "pr000000002",
  "ScorePredicateEnabled": 0,
  "EligibilityPredicateEnabled": 0,
  "MarketerScore": 50,
  "ScorePredicate": null,
  "LearningModelId": 0,
  "CellCode": "A000000016",
  "OfferID": 4,
  "OfferName": "Offer 000000003",
  "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": "pr000000003",
    "ScorePredicateEnabled": 0,
    "EligibilityPredicateEnabled": 0,
    "MarketerScore": 50,
    "ScorePredicate": null,
    "LearningModelId": 0,
    "CellCode": "A000000016",
    "OfferID": 6,
    "OfferName": "Offer 000000005",
    "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": "000000011",
  "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

Description

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 `/i{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/{icIdOrName}/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/{icldOrName}/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"> • Generic Outbound • Generic Inbound • Journey Outbound 	

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) -1: Un-deploy
includeGlobal	include global data or not in the task	true (default) 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/{icldOrName}/flowcharts/{flowchartIdOrName}/
processboxes/{pbldOrName}?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/{icIdOrName}/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/{icIdOrName}/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/{icIdOrName}/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