Resource Central APIs

For RC 4.3

Version: 1.1

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Foreword

This document describes the Resource Central APIs used to create and manage resources, locations, categories, groups, and forms. The following guide provides the detail solutions, as well as the examples for each type.

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Configuration for API Connection

In order to use all the APIs described in this guide, the user needs to have **system admin** right, and also the following setup on Azure Portal needs to be configured.

Step 1: Log in to **Azure Portal** with the account that has administrator right. Then go to **Azure AD B2C ➜ App registrations**.
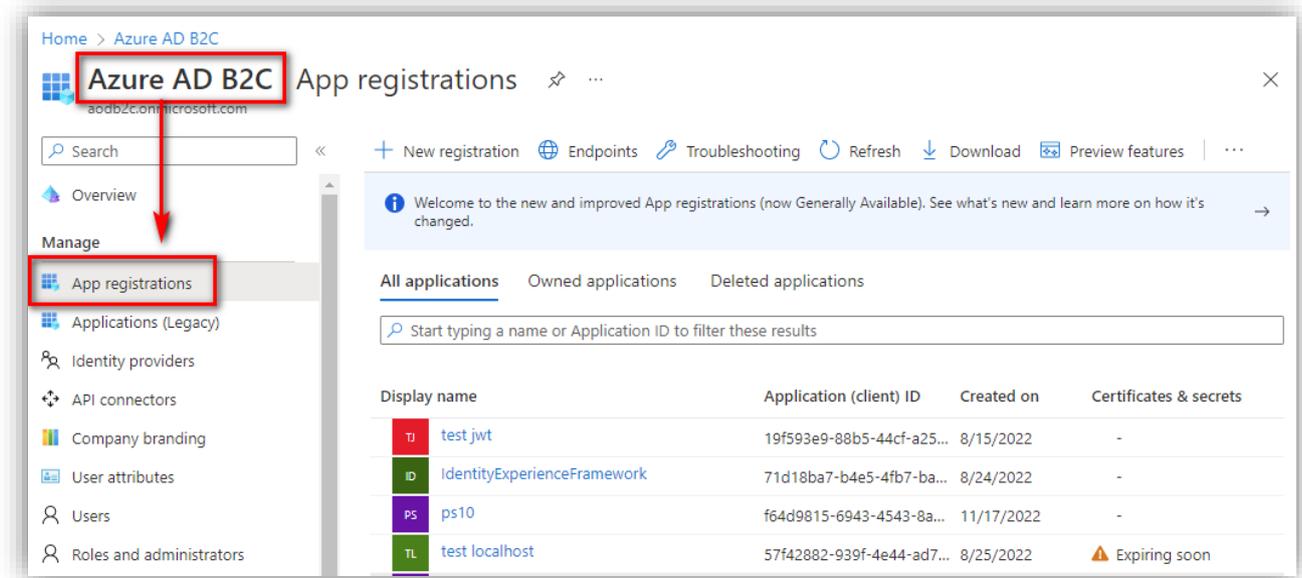
The same can also be done in **Azure AD**, and the configuration steps are still similar as described below, with the only difference in **Step 5** which is also described in detail below.

Step 2: Click [**New registration**] to create a new app, e.g.:

Redirect URI is not required. However, make sure that the permission *'Grant admin consent to openid and offline_access permissions'* is checked.

Then click [**Register**].

Step 3: On the created app, go to [**Expose an API**] ➔ click [**Add a scope**] and fill the required fields, e.g.:
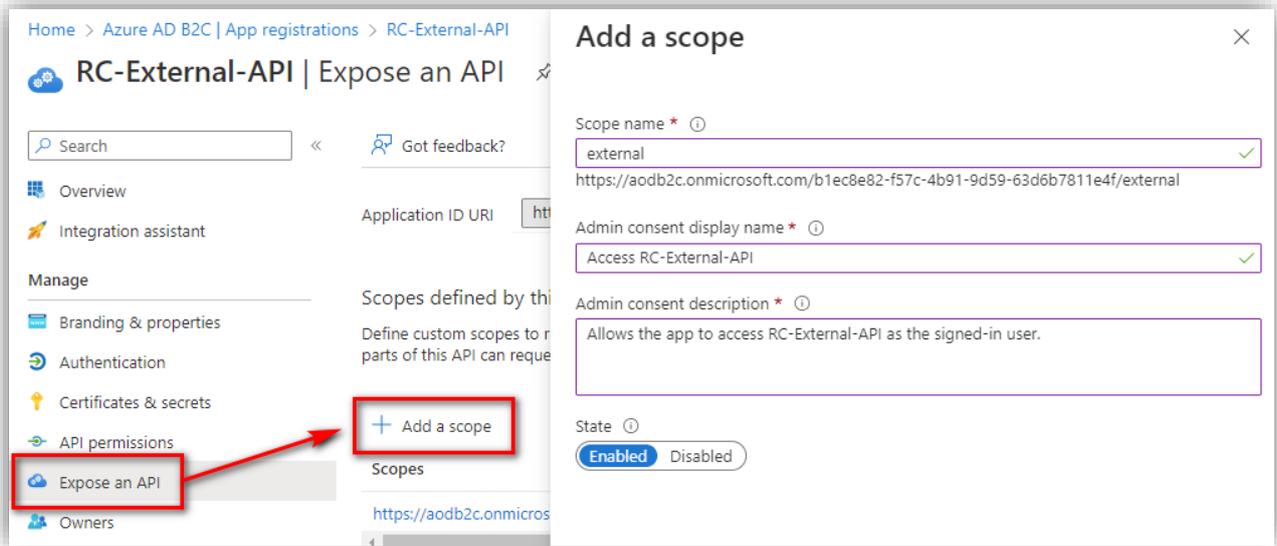
When done, click [**Add scope**]. A new scope should be shown on *'Expose an API'* similar as follows:
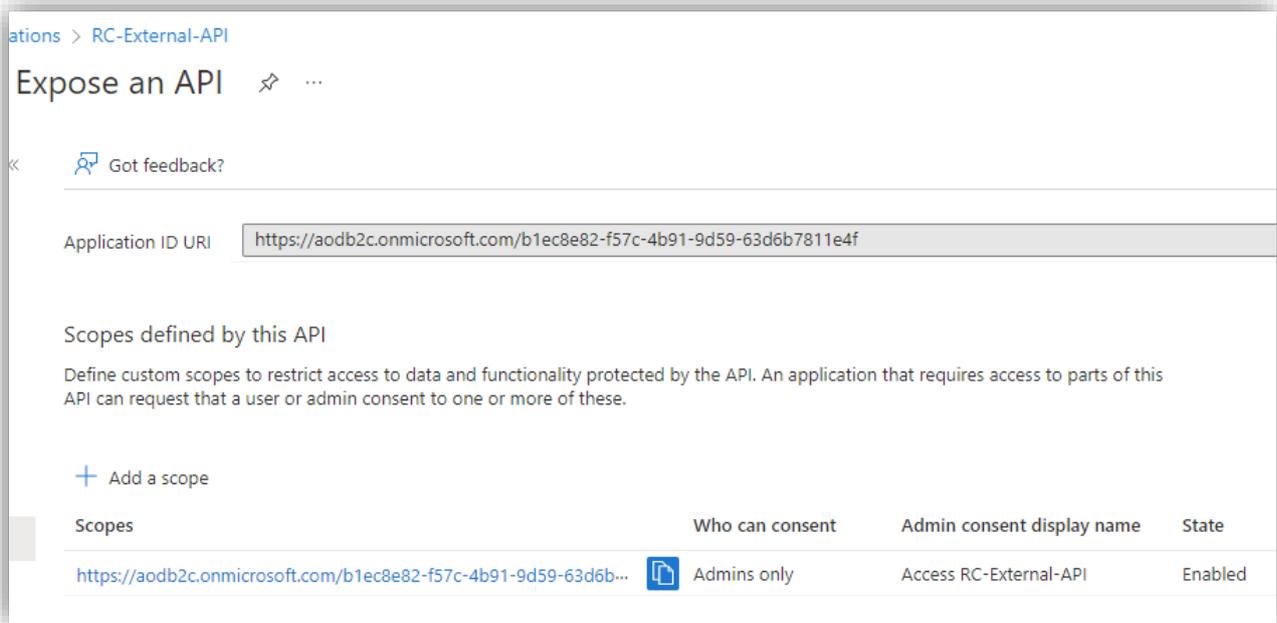
Step 4: Open the **Azure app used for Authentication on RC backend**. Then go to [**API permissions**] ➔ click [**Add a permission**].
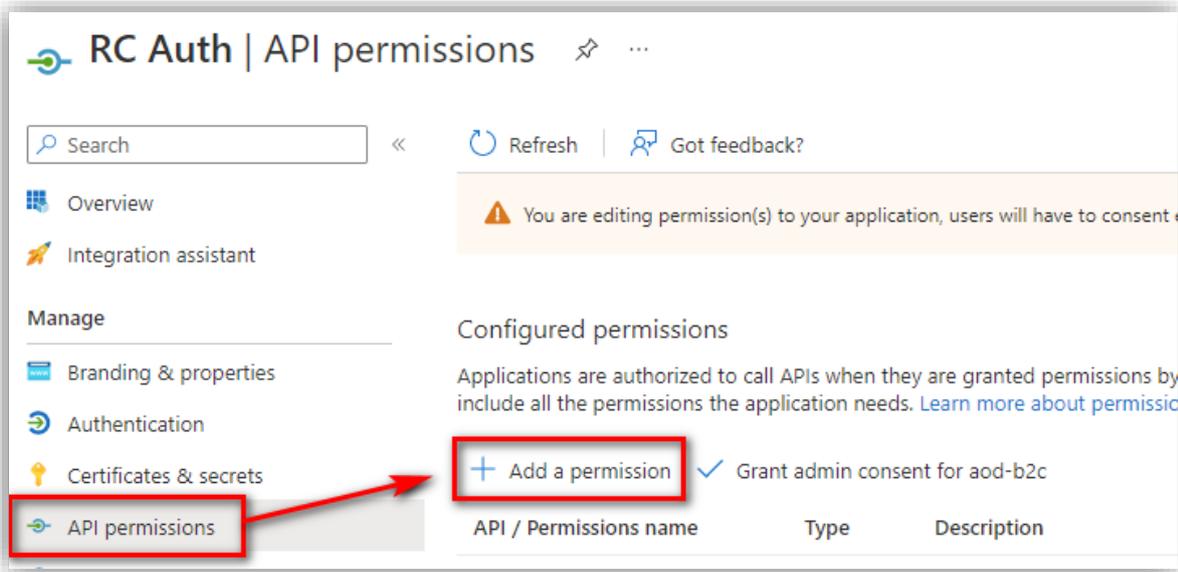
On *'Request API permissions'* screen, select APIs my organization uses and **choose the app created from Step 2**. E.g.:
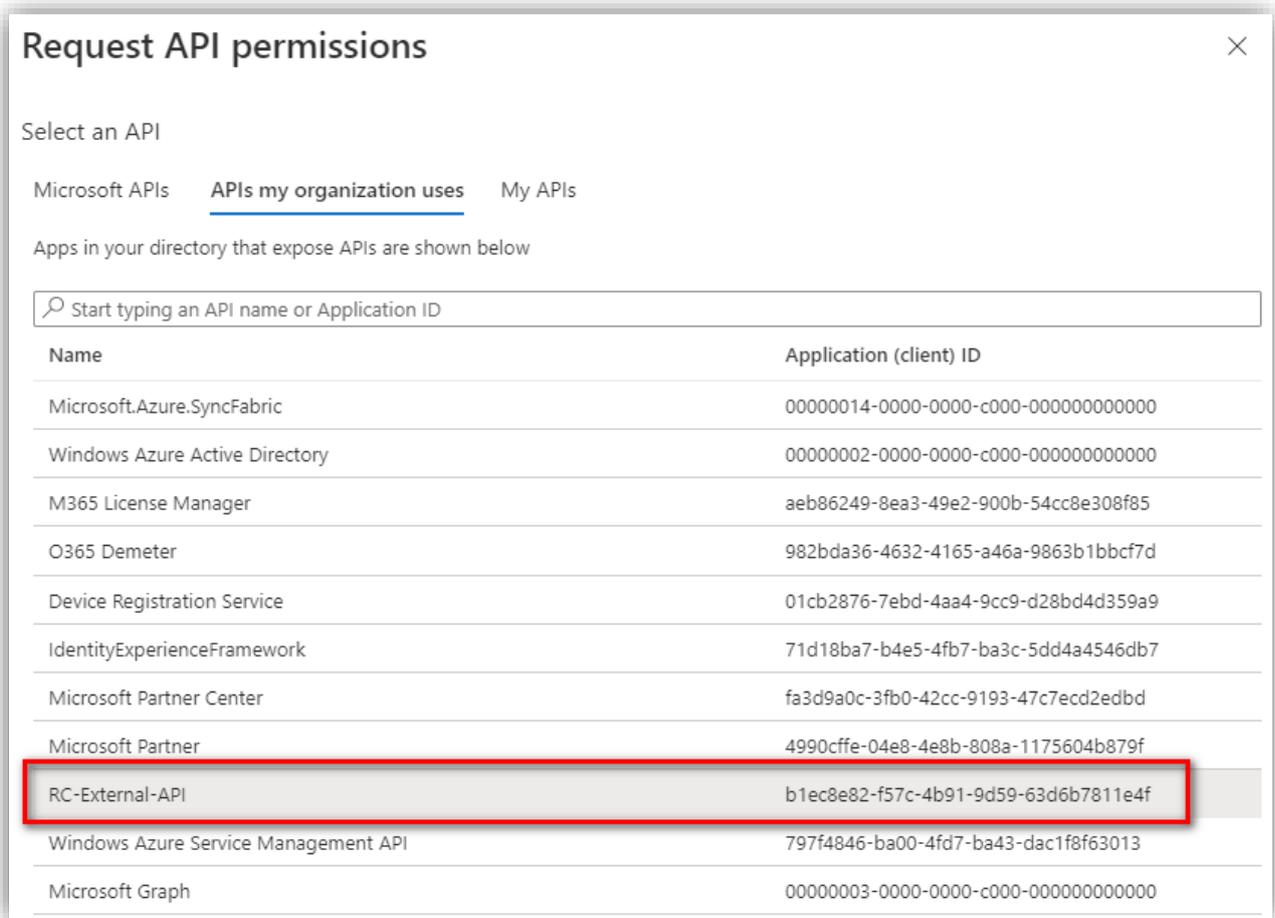
Next, check on the Permission for the selected app. It is created by the scope created from Step 3. E.g.:
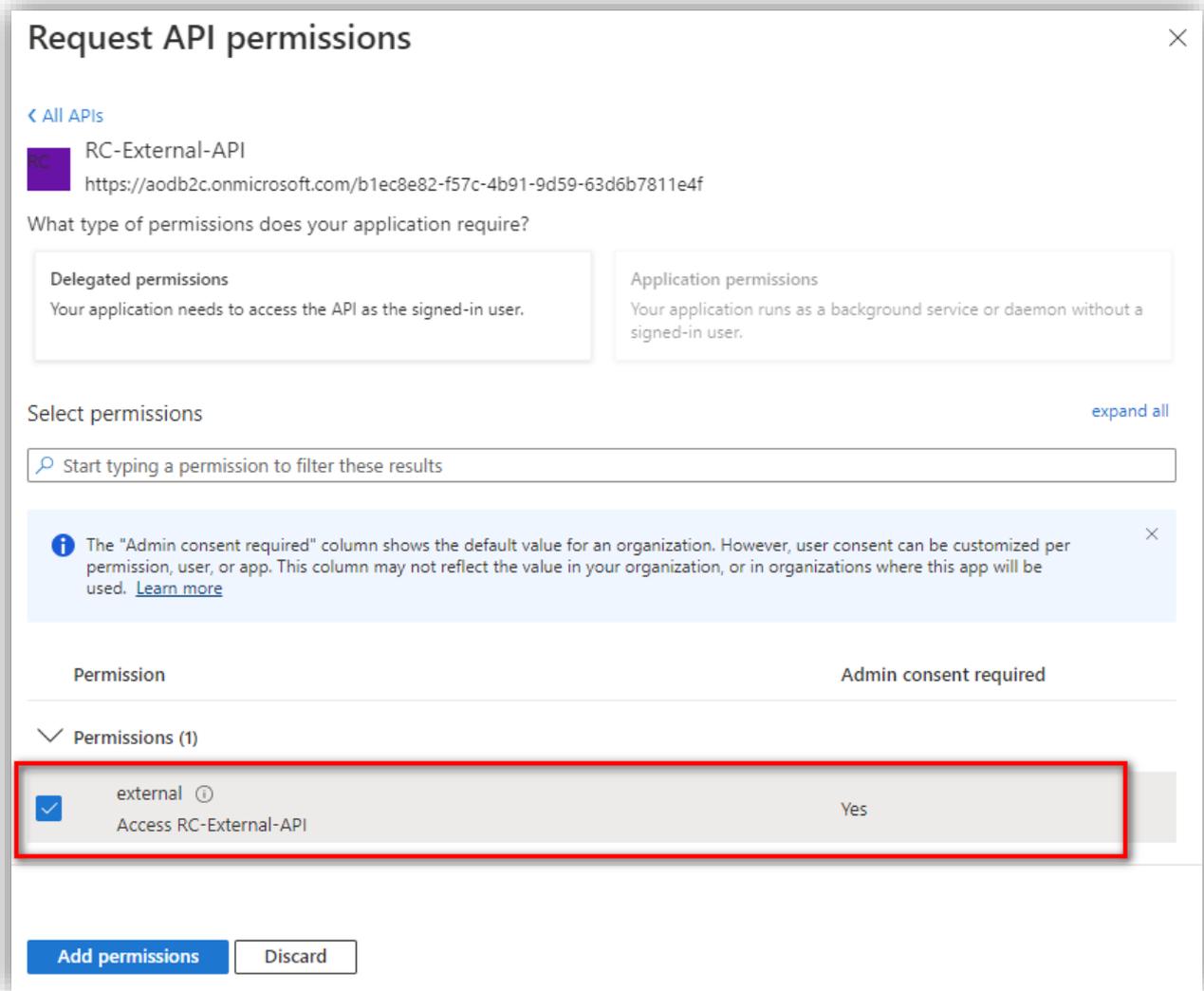
Then click [**Add permissions**].

Step 5: Open the module file **GetAccessToken.ps1** (provided along with **Resource Central APIs** guide) and look for the **Application and Tenant Configuration** and **Create Client Credential Using App Key** sections at the bottom. E.g.:

```
108
109        if ($wind)
110    ⊟    {
111            $wind.Quit()
112        }
113    }
114  ⊟}
115
116
117    # Application and Tenant Configuration
118    $clientId = "63313119-cb69-4682-825a-60382879c532"
119    $tenantIb = "7cd23864-a9de-4fc6-919b-e9d68caafb10"
120    $scope = "https://aodb2c.onmicrosoft.com/b1ec8e82-f57c-4b91-9d59-63d6b7811e4f/external offline_access"
121    $redirectUri = New-Object system.uri("https://oauth.pstmn.io/v1/callback")
122    $login = "https://aodb2c.b2clogin.com"
123
124    # Create Client Credential Using App Key
125    $secret = "yvk8Q~zpsV5Vy8ROekBCk~E5HM5Tm7jYcca-eadx"
126    $policy = "B2C_1A_SIGNUP_SIGNIN"
127
128    # Note you can adjust the querystring paramters here to change things like prompting for consent
129    $authorzationUrl = ("{0}/{1}/oauth2/v2.0/authorize?p={4}&response_type=code&client_id={2}&redirect_uri={
130     Write-Output $authorzationUrl
131    # Fake a proper endpoint for the Redirect URI
132    $code = LoginBrowser $authorzationUrl $redirectUri
133     Write-Output $code
```

Change the value of the following lines with the **values taken from the Azure app used for RC backend ➜ Authentication**:

- $clientId = "[**the Application (client) ID of the app**]"

  For example: $clientId = "63313119-cb69-4682-825a-60382879c532"

- $tenantId = "[**your Directory (tenant) ID**]"

  For example: $tenantId = "7cd23864-a9de-4fc6-919b-e9d68caafb10"
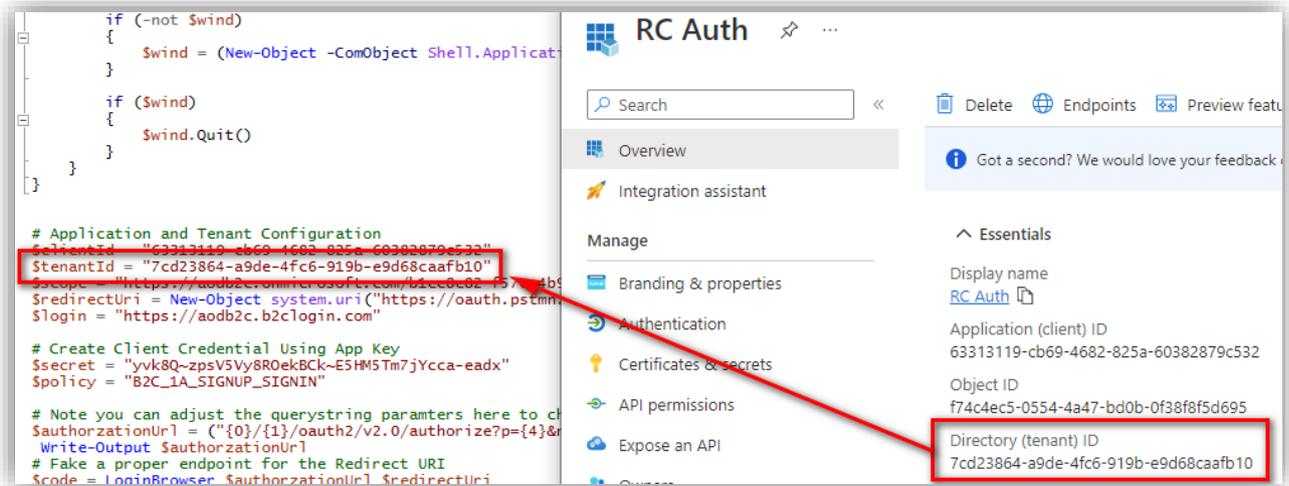
- $scope = "[**URL of the permission added from Step 4**] offline_access"

  For example: $scope = "https://aodb2c.onmicrosoft.com/b1ec8e82-f57c-4b91-9d59-63d6b7811e4f/external offline_access"
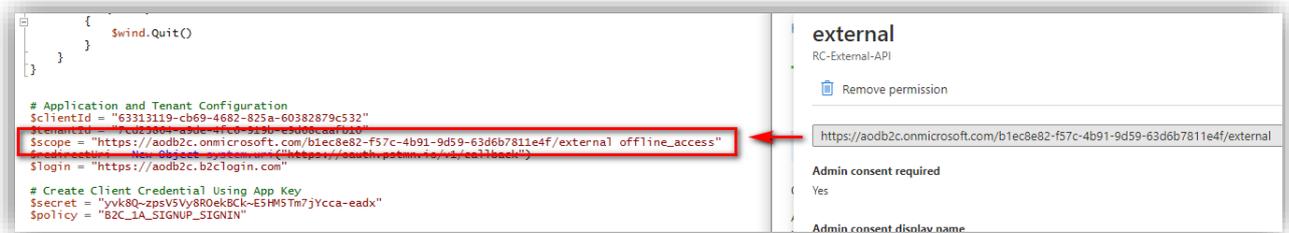
- $redirectUri = New-Object system.uri("[**The Redirect URI taken from the Azure app's Authentication**]")

  For example: $redirectUri = New-Object system.uri("https://oauth.pstmn.io/v1/callback")
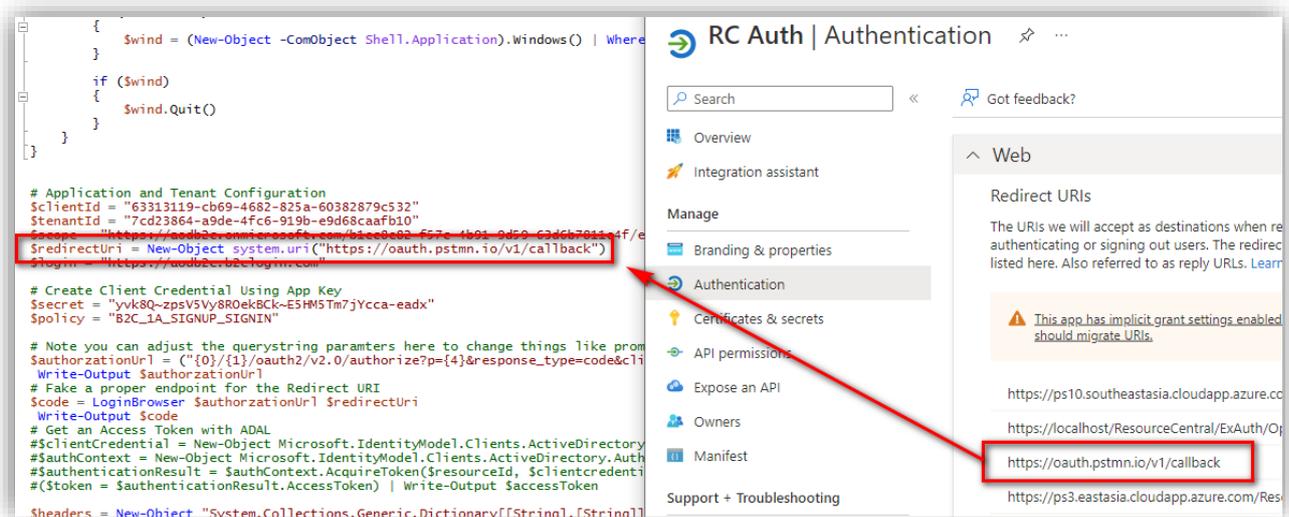
- $login = "[**base URL of your Azure B2C domain**]"

  For example: $login = "https://aodb2c.b2clogin.com"

```
# Application and Tenant Configuration
$clientId = "63313119-cb69-4682-825a-60382879c532"
$tenantId = "aodb2c.onmicrosoft.com"
$scope = "https://aodb2c.onmicrosoft.com/b1ec8e82-f57c-4b91-9d59-63d6b7811e4f/external offline_access"
$redirectUri = New-Object system.uri("https://oauth.pstmn.io/v1/callback")
$login = "https://aodb2c.b2clogin.com"

# Create Client Credential Using App Key
$secret = "yvk8Q~zps775y8SXekBCk~E5TM5Tm7iYdda-eadx"
$policy = "B2C_1A_SIGNUP_SIGNIN"
```

NOTE: In case you use **Azure AD** instead of Azure B2C, the base URL must be https://login.microsoftonline.com.

- $secret = "[**The secret value of the app**]"

  For example: $secret = "yvk8Q~zps775y8SXekBCk~E5TM5Tm7iYdda-eadx"

- $policy = "[**The policy for Azure B2C app to log in RC**]"

  For example: $policy = "B2C_1A_SIGNUP_SIGNIN"

```
# Application and Tenant Configuration
$clientId = "63313119-cb69-4682-825a-60382879c532"
$tenantId = "aodb2c.onmicrosoft.com"
$scope = "https://aodb2c.onmicrosoft.com/b1ec8e82-f57c-4b91-9d59-63d6b7811e4f/external offline_access"
$redirectUri = New-Object system.uri("https://oauth.pstmn.io/v1/callback")
$login = "https://aodb2c.b2clogin.com"

# Create Client Credential Using App Key
$secret = "yvk8Q~zps775y8SXekBCk~E5TM5Tm7iYdda-eadx"
$policy = "B2C_1A_SIGNUP_SIGNIN"
```

When you are done, save the changes and run the module file. It will give you the access token which can later be used to run API functions described in this guide, e.g.:

```
{
    "access_token":  "eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImtpZCI6IlhIRW1Pc2VkMXpScDU1d09BemRSemhDMOFKUlVlR2ZGaHlpQXpJTG5LZGc
ifQ.eyJpc3MiOiJodHRwczovL2FvZGIyYy5iMmNsb2dpbi5jb2OvN2NkMjM4NjQtYTlkZSO0ZmM2LTkxOWItZTlkNjhjYWFmYjEwL3YyLjAvIiwiZXhwIjoxNjc3M
jIyOTk4LCJuYmYiOjE2NzcxMzY1OTgsImF1ZCI6ImIxZWM4ZTgyLWY1N2MtNGI5MSO5ZDU5LTYzZDZiNzgxMWU0ZiIsInN1YiI6IjI2ZmRkYTYwLTFlNTMtNDI3NC
O5OGVhLTI3OGEyMzljMTU5OSIsInRpZCI6ImI1NWI3YjkOLTM2ZGMtNGVkMC04NTI1LWMzZDMzMzA2NmJjZCIsImdpdmVuX25hbWUiOiJUdXllbiIsImZhbWlseV9
uYW1lIjoiTmd1eWVuIiwiZW1haWwiOiJucXRAYW9wcmMub25taWNyb3NvZnQuY29tIiwibm9uY2UiOiJkZWZhdWx0Tm9uY2UiLCJzY3AiOiJleHRlcm5hbCIsImF6
cCI6IjYzMzEzMTE5LWNiNjktNDY4Mi04MjVhLTYwMzgyODc5YzUzMiIsInZlciI6IjEuMCIsImlhdCI6MTY3NzEzNjU5OH0.YXwl6XOIWf2SO3_boa7-PDQHsWBCo
93ofBZJ7Ob-yr1hUMlxqcLW9fDz1mzMgCOk4wtTB9L4Fj1uKMwIao-_hYFLVroMu7V0TDBI23cEOMwyL1gNOx6ruD6PjYnchINeNoPhraelC2xVxvZAcUwcqVS46Z
oAtrRPEzncB98qYjZMhC-YyzjbFMNbp6R2fYxwFt4GlfDexuw65ehQBQopW2pI9F29flCEUfZRz-IiOfsdMuk2rHaJD2yLNLT3Eka8EpbVF8hv7He9TDYfxMLAhhy
I2k_6sEhqQQxof6awI75S5zb-ZspwLDPjLWhDvqHwnhnzzEn3WX0JGB5VezjZQw",
    "token_type":  "Bearer",
    "not_before":  1677136598,
    "expires_in":  86400,
    "expires_on":  1677222998,
    "resource":  "b1ec8e82-f57c-4b91-9d59-63d6b7811e4f",
    "profile_info":  "eyJ2ZXIiOiIxLjAiLCJ0aWQiOiI3Y2QyMzg2NC1hOWRlLTRmYzYtOTE5Yi1lOWQ2OGNhYWZiMTAiLCJzdWIiOm51bGwsIm5hbWUiOm5
1bGwsInByZWZlcnJlZF91c2VybmFtZSI6bnVsbCwiaWRwIjpudWxsfQ",
    "scope":  "https://aodb2c.onmicrosoft.com/b1ec8e82-f57c-4b91-9d59-63d6b7811e4f/external offline_access",
    "refresh_token":  "eyJraWQiOiJlYTZ3UWlkMVlLQUJDLUhQV0tDRlh2a2N2NXVOdWJCYlNBQWwwXzhMNWlFIiwidmVyIjoiRGVmbG
F0ZSISInNlciI6IjEuMCJ9.xSWOz95PrD36S2bTv9n8B_Ch93kL37gU-8eVZv5HBxj43ceISzV3KaKvgRubxjwCqhtYgJTBZKzxyFSvC6I2KasIHLJu1uCFjaPCqr
ROzE6b2xF84GACwGKc3JtHAdaleYpV5v279zQWOOdXuA9TZVhcbr2c8tz_hdDP33QigDA_qL-2RDaKTgPH46xZArNr1dNTtm_nwVXJEWC7iqeClOU2MPcrEi-jx6y
OB4siGplaXK31m9itCSTTuFoxxS4HCVs18_9jAEsBSEAH9U9mCUnr9rhMlRabUmjMDAXRSyl7wSZVJQJ1eCUjcetBamPN86UyZA1113roZd6P2k3TSg.OZax2Yp67
4vfH54a.VbDJEmQV4I-QGE5HQHnUg6RG32149ZzYeLdpFSndPG1BXcG-R25salSp8yJ6chcM_CGUXo9cTrbS4NXx_oRHHGKPo9vd3vtbX0VIwg3Svlv96SUFqrTm-
Za-w2_bKw8gxoRkgNSUrcG6ParUaS6occxyglkxk-BagYlzUZ9_tEdr8AD4Phn9Jra5fTZBP4EADCNeLpSCRE7wJnHXMfjGCZMp9SxgMcK8dndG4GqmHqRcaPpRyO
UVkcbkYesYMtcSMbaNwRilzfFTq4gbfbKCqSWNVFTyMLCCOdlgVhQMLk3Y0yM2YYV2UOHKOncyyHZNqeeZEzHpHt4dktgbIWnK-Qh_QWZVVLKTHlGKkeNeLBLxQ7d
yKnMFUx7NTaHlYy2Bd-zXuPZYDTr8hRkPgXty2feyQ3Onq1HdKv6ebKOKfTermNv4JkBcJwMJCvVS2otvslWWcvpTkSz5vtsGU5b4s6rQsol4EBGOhKw1jnvXm9ja
uSoJoa9W81xdWSHMvp4_afcJSAnsgtrGGO3i4lY4nOCJXm4xjl9HBQxm58_0VVvZCU91h70OPAYa7_ic2YDL37GUjXefo2aqEpOhRmFEE3XWl23I4KSEDWaPvUZz6
9FZBEFDfj98zAMtVREpYOSdOyXPlhmB2xeyYA-BJIMCLVtX4E3vCNX06EgzXrsKsAUCO2-OBmA8vM8WHLYW325AhGZ5mu4c2cvBOj_k.gRoNVEtMv3w-euSKEiitj
Q",
    "refresh_token_expires_in":  1209600
}
```

API Functions

The following will describe the API functions available for resources, locations, categories, groups, and forms.

NOTE: The below areas highlighted in yellow require to be modified to match the Resource Central version you are using:
- For RC 4.3 RTM and previous versions, please fill in the placeholder highlighted in yellow with phrase `ResourceCentralExternal/api`
- For RC 4.3 SR1 and higher version, please fill in the placeholder highlighted in yellow with phrase `ResourceCentralGateway/order-api`
All examples below will be expressed with the URI for RC 4.3 SR1 and higher versions.

Resource

GET Search Resource

Example URI:
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource?ids=&resourceMail=&licenceType=&groupIds=&locationIds=

Get resource result that matches the inputted values.
If no values inputted, the result would include all resources.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
accept	application/json
Query Params	**Description**
ids	Data type: string ID(s) of the resource(s). Each id is separated by ",".
resourceMail	Data type: string Email address of the resource.
licenceType	Data type: string License type of the resource.
groupIds	Data type: string Group ID(s) of the resource. Each id is separated by ",".
locationIds	Data type: string Location ID(s) of the resource(s). Each id is separated by ",".

Example Requests

Search Resource Successful

Request

```
curl --location --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource?
ids=44,62' \
--header 'accept: application/json' \
--header 'Authorization: Bearer {{token}}'
```

Response

```json
{
    "status": 200,
    "message": "Success",
    "data": [
        {
            "id": 62, //ID of the resource
            "name": "a.Huong - normal", //Name of the resource
            "resourceMail": "ps3_058@aoprc.onmicrosoft.com", //Email  address  of  the
resource
            "location": 187, //ID of the Location where the resource is located
            "licenseType": "Standard", //License type of the resource, can be either
Standard, Light, or Pooled
            "groupId": 2, //ID of the Group that the resource is a member of
            "timezone": "Romance Standard Time", //Timezone of the resource
            "syncStatus": 2,
            "lastSyncTime": "2022-11-24T04:27:13.41" //The latest time the resource
syncs
        },
        {
            "id": 44,
            "name": "HD Helsinki - kokoushuone 1",
            "resourceMail": "ps3_040@aoprc.onmicrosoft.com",
            "location": 231,
            "licenseType": "Standard",
            "groupId": 2,
            "timezone": "FLE Standard Time",
            "syncStatus": 2,
            "lastSyncTime": "2022-11-24T01:23:24.8"
        }
    ]
}
```

Search Resource Unauthorized

Request

```
curl --location --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource?
ids=44,62' \
--header 'accept: application/json'
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Search Resource Internal Server Error

Request

```
curl --location --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource?
ids=44,62' \
--header 'accept: application/json' \
--header 'Authorization: Bearer {{token}}'
```

Response

```
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
```

GET Get Resource by ID

Example URI:

https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource/{{id}}

Get resource result that matches the inputted ID.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
Accept	application/json

Example Requests

Get Resource Successful

Request

```
curl --location -g --request GET '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource/
62' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json'
```

Response

```json
{
    "status": 200,
    "message": "Success",
    "data": {
        "id": 62, //ID of the resource
        "syncStatus": 2,
        "lastSyncTime": "2022-11-24T04:27:13.41", //The latest time the resource syncs
        "resourceMail":  "ps3_058@aoprc.onmicrosoft.com",  //Email  address  of  the resource
        "name": "a.Huong - normal", //Name of the resource
        "description": "ps3_058", //Description of the resource
        "licenseType":  "Standard",  //License  type  of  the  resource,  can  be  either Standard, Light, or Pooled
        "groupId": 2, //ID of the Group that the resource is a member of
        "locationId": 187, //ID of the Location that the resource is located
        "timezone": "Romance Standard Time", //Timezone of the resource
        "categoryIds": [
            133 //ID of the category that the resource is in
        ],
        "locationDescription": "ps3_058", //Description of the location
        "signName": "", //Name of the Signage used for the location
        "sendEmail": true, //Either true or false. If true, emails will be sent to organizers & service providers who are responsible for the resource
        "includeUtilizationCalculation": false, //Either true or false. If true, this resource is included in the utilization and external percentage calculation defined for this resource's location
        "capacity": 0, //Capacity of the resource
        "resourceType": "Rooms", //Type of the resource
        "visible": true, //Either true or false. If true, the resource will not appear on ResourceFinder Add-in
        "displayUserRestrictions": false, //Either true or false. If true, the user restriction message will appear when the resource is selected
        "messageDisplayRestrictions": "", //Message of the user restriction
        "restrictBooking": 0, // If the value is '0', 'Restrict Booking' is selected. If the value is '1', 'Force organizer to open order form' is selected
        "forceOrganizerOpenForm": -1, // If 'Restrict Booking' is selected, this value is '-1'. If 'Force organizer to open order form' is selected, the Value can be either '0' (Normal Order Form option selected), '1' (Shared Order Form option selected), or '2' (both Order Form options selected),
        "sortOrder": "", //Contains any alphanumeric values and is used for sorting of the resources over the ResourceFinder window
        "costInitial": 0.0, //Initial cost for the resource, used for exports to invoice system
        "costPrMinute": 0.0, //Cost per minute for using of the resource, used for exports to invoice system
        "startTime": "00:00", //Start time of the resource
        "endTime": "00:00", //End time of the resource
        "preAndPostBufferTime": 0, //Extra time length (in minutes) that is shown as BOOKED on the ResourceFinder only, before and after the actual reservation
        "preCloseDate": null, //The date to send email to organizers notifying beforehand that the resource is going to be closed
        "closeDate": null, //The start date when the resource is closed
        "openDate": null, //The start date when the resource is opened again
```

```
        "displayReservationSection": true, //Either true or false. If true, Reservation
section is available in Order Form of this resource
        "displayOrderSection": true, //Either true or false. If true, Order Details
section is available in Order Form of this resource
        "displayAttendeesSection": true, //Either true or false. If true, Attendees
section is available in Order Form of this resource
        "displayPropertiesSection": true, //Either true or false. If true, Properties
section is available in Order Form of this resource
        "htmlid": null,
        "htmlIdExternal": null,
        "commonFormId": null,
        "tentativeOrderFlow": false, //Either true or false. If true, the order is
created at once and is visible to the service provider. If false, the order can be
placed but required acceptance before it can be created
        "hideFormOnTentativeAppointments": false, //Either true or false. If true, the
organizer cannot use the order form in ResourceFinder on new reservations before or
after the resource reservation is accepted. If false, the organizer can use the order
form in ResourceFinder on new reservations.
        "askForAttendeesInForm": true, //Either true or false. If true, Reservation
section is available in Order Form of this resource
        "classicFormat": true, //Either true or false. If true, Reservation section is
available in Order Form of this resource
        "displayGroups": false, //Either true or false. If true, Reservation section
is available in Order Form of this resource
        "deadlineForCatering": true, //Either true or false. If true, Reservation
section is available in Order Form of this resource
        "workDayDeadlineForCatering": 1, //Deadline workdays for catering items
        "timeDeadlineForCatering": "13:00", //Deadline time for catering items
        "deadlineForCateringMessage": "The Deadline for Catering is exceeded",
//Message for catering deadline
        "deadlineForServices": true, //Either true or false. If true, Reservation
section is available in Order Form of this resource
        "workDayDeadlineForServices": 1, //Deadline workdays for properties
        "timeDeadlineForServices": "14:15", //Deadline time for properties
        "deadlineServicesMessage": "The Deadline for Services is exceeded", //Message
for property deadline
        "maxNumbOfDeliveries": 2 //Maximum number of services that can be ordered per
meeting
    }
}
```

Get Resource Unauthorized

Request
| ```
curl --location -g --request GET '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource/
62' \
--header 'accept: application/json'
``` |
| **Response** |
| ```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
``` |

Get Resource Internal Server Error

Request
| ```
curl --location -g --request GET '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource/
62' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json'
``` |
| **Response** |
| ```
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
``` |

POST Create Resource

Example URI:
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource/

Create resource with the inputted body.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
Accept	application/json
Content-Type	application/json
Body *(raw json)*	

```json
{
  "resourceMail": //DataType: string - required, must be unique
  "name": //DataType: string - required, must be unique
  "description": //DataType: string
  "licenseType": //DataType: string - required, Value either: Standard, Light, or Pooled
  "groupId": //DataType: int - required
  "locationId": //DataType: int - required
  "timezone": //DataType: string - Values: must be window timezone Id
  "categoryIds": //DataType: array[int]
  "locationDescription": //DataType: string
  "signName": //DataType: string
  "sendEmail": //DataType: string - required, Value either: true or false
  "includeUtilizationCalculation": //DataType: string - required, Value either: true or false
  "capacity": //DataType: int
  "resourceType": //DataType: string - required, Value either: Rooms, Desks, Equipments, Misc
  "visible": //DataType: string - required, Value either: true or false
  "displayUserRestrictions": //DataType: string - required, Value either: true or false
  "messageDisplayRestrictions": //DataType: string
  "restrictBooking": //DataType: int
  "forceOrganizerOpenForm": //DataType: int
  "sortOrder": //DataType: string
  "costInitial": //DataType: float – round to 2 decimal places
  "costPrMinute": //DataType: float – round to 2 decimal places
  "startTime": //DataType: string - Values: must be HH:MM time format and the same timezone as timezone field
  "endTime": //DataType: int - Values: must be HH:MM time format and the same timezone as timezone field
  "preAndPostBufferTime": //DataType: int - Values: must be divisible by 15 and less than 61
  "preCloseDate": //DataType: null or int - Value must be YYYY-MM-DD date format
  "closeDate": //DataType: null or int - Value must be YYYY-MM-DD date format
  "openDate": //DataType: null or int - Value must be YYYY-MM-DD date format
  "displayReservationSection": //DataType: string - required, Value either: true or false
  "displayOrderSection": //DataType: string - required, Value either: true or false
  "displayAttendeesSection": //DataType: string - required, Value either: true or false
  "displayPropertiesSection": //DataType: string - required, Value either: true or false
  "htmlid": //DataType: int or null
  "htmlIdExternal": //DataType: int or null
  "commonFormId": //DataType: int or null
  "tentativeOrderFlow": //DataType: string - required, Value either: true or false
  "hideFormOnTentativeAppointments": //DataType: string - required, Value either: true or false
  "askForAttendeesInForm": //DataType: string - required, Value either: true or false
  "classicFormat": //DataType: string - required, Value either: true or false
  "displayGroups": //DataType: string - required, Value either: true or false
  "deadlineForCatering": //DataType: string - required, Value either: true or false
  "workDayDeadlineForCatering": //DataType: int - required when deadlineForCatering is true
  "timeDeadlineForCatering": //DataType: dateTime - required when deadlineForCatering is true, Values: must be HH:MM time format and the same timezone as timezone field
```

```
  "deadlineForCateringMessage": //DataType: string - required when deadlineForCatering
is true
  "deadlineForServices": //DataType: string - required, Value either: true or false
  "workDayDeadlineForServices": //DataType: int - required when deadlineForServices is
true
  "timeDeadlineForServices": //DataType: dateTime - required when deadlineForServices
is true, Values: must be HH:MM time format and the same timezone as timezone field
  "deadlineServicesMessage": //DataType: string - required when deadlineForServices is
true
  "maxNumbOfDeliveries": //DataType: int – must be less than 10
}
```

Example Requests

Create Resource Successful

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource'
\
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
    "resourceMail": "ps3_097change@aoprc.onmicrosoft.com",
    "name": "ps3_09 NY",
    "description": "",
    "licenseType": "Pooled",
    "groupId": 20,
    "locationId": 170,
    "timezone": null,
    "categoryIds": [],
    "locationDescription": "",
    "signName": "",
    "sendEmail": false,
    "includeUtilizationCalculation": true,
    "capacity": 6,
    "resourceType": "Rooms",
    "visible": true,
    "displayUserRestrictions": false,
    "messageDisplayRestrictions": "",
    "restrictBooking": 0,
    "forceOrganizerOpenForm": -1,
    "sortOrder": "",
    "costInitial": 0.0,
    "costPrMinute": 0.0,
    "startTime": "00:00",
    "endTime": "00:00",
    "preAndPostBufferTime": 0,
    "preCloseDate": null,
    "closeDate": null,
    "openDate": null,
    "displayReservationSection": null,
```

```
    "displayOrderSection": null,
    "displayAttendeesSection": null,
    "displayPropertiesSection": null,
    "htmlid": null,
    "htmlIdExternal": null,
    "commonFormId": null,
    "tentativeOrderFlow": false,
    "hideFormOnTentativeAppointments": false,
    "askForAttendeesInForm": true,
    "classicFormat": true,
    "displayGroups": false,
    "deadlineForCatering": false,
    "workDayDeadlineForCatering": 1,
    "timeDeadlineForCatering": "00:00",
    "deadlineForCateringMessage": "",
    "deadlineForServices": false,
    "workDayDeadlineForServices": 1,
    "timeDeadlineForServices": "00:00",
    "deadlineServicesMessage": "",
    "maxNumbOfDeliveries": 6
}
```

Response

```
{
    "status": 200,
    "message": "Success",
    "data": {
        "id": 441,
        "name": "ps3_09 NY",
        "resourceMail": "ps3_097change@aoprc.onmicrosoft.com"
    }
}
```

Create Resource Bad Request

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource'
\
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
    "resourceMail": "ps3_097change@aoprc.onmicrosoft.com",
    "name": "",
    "description": "",
    "licenseType": "Pooled",
    "groupId": 20,
    "locationId": 170,
    "timezone": null,
    "categoryIds": [],
    "locationDescription": "",
    "signName": "",
```

```
    "sendEmail": false,
    "includeUtilizationCalculation": true,
    "capacity": 6,
    "resourceType": "Rooms",
    "visible": true,
    "displayUserRestrictions": false,
    "messageDisplayRestrictions": "",
    "restrictBooking": 0,
    "forceOrganizerOpenForm": -1,
    "sortOrder": "",
    "costInitial": 0.0,
    "costPrMinute": 0.0,
    "startTime": "00:00",
    "endTime": "00:00",
    "preAndPostBufferTime": 0,
    "preCloseDate": null,
    "closeDate": null,
    "openDate": null,
    "displayReservationSection": null,
    "displayOrderSection": null,
    "displayAttendeesSection": null,
    "displayPropertiesSection": null,
    "htmlid": null,
    "htmlIdExternal": null,
    "commonFormId": null,
    "tentativeOrderFlow": false,
    "hideFormOnTentativeAppointments": false,
    "askForAttendeesInForm": true,
    "classicFormat": true,
    "displayGroups": false,
    "deadlineForCatering": false,
    "workDayDeadlineForCatering": 1,
    "timeDeadlineForCatering": "00:00",
    "deadlineForCateringMessage": "",
    "deadlineForServices": false,
    "workDayDeadlineForServices": 1,
    "timeDeadlineForServices": "00:00",
    "deadlineServicesMessage": "",
    "maxNumbOfDeliveries": 6
}
```

Response

```
{
    "status": 400,
    "message": "Bad request",
    "data": [
        {
            "errorField": "Name",
            "errorDescription": "The Name field is required."
        }
    ]
}
```

Create Resource Unauthorized

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource'
\
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
    "resourceMail": "ps3_097change@aoprc.onmicrosoft.com",
    "name": "ps3_09 NY",
    "description": "",
    "licenseType": "Pooled",
    "groupId": 20,
    "locationId": 170,
    "timezone": null,
    "categoryIds": [],
    "locationDescription": "",
    "signName": "",
    "sendEmail": false,
    "includeUtilizationCalculation": true,
    "capacity": 6,
    "resourceType": "Rooms",
    "visible": true,
    "displayUserRestrictions": false,
    "messageDisplayRestrictions": "",
    "restrictBooking": 0,
    "forceOrganizerOpenForm": -1,
    "sortOrder": "",
    "costInitial": 0.0,
    "costPrMinute": 0.0,
    "startTime": "00:00",
    "endTime": "00:00",
    "preAndPostBufferTime": 0,
    "preCloseDate": null,
    "closeDate": null,
    "openDate": null,
    "displayReservationSection": null,
    "displayOrderSection": null,
    "displayAttendeesSection": null,
    "displayPropertiesSection": null,
    "htmlId": null,
    "htmlIdExternal": null,
    "commonFormId": null,
    "tentativeOrderFlow": false,
    "hideFormOnTentativeAppointments": false,
    "askForAttendeesInForm": true,
    "classicFormat": true,
    "displayGroups": false,
    "deadlineForCatering": false,
    "workDayDeadlineForCatering": 1,
    "timeDeadlineForCatering": "00:00",
    "deadlineForCateringMessage": "",
    "deadlineForServices": false,
    "workDayDeadlineForServices": 1,
```

```
    "timeDeadlineForServices": "00:00",
    "deadlineServicesMessage": "",
    "maxNumbOfDeliveries": 6
}
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Create Resource Internal Server Error

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource'
\
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
    "resourceMail": "ps3_097change@aoprc.onmicrosoft.com",
    "name": "ps3_09 NY",
    "description": "",
    "licenseType": "Pooled",
    "groupId": 20,
    "locationId": 170,
    "timezone": null,
    "categoryIds": [],
    "locationDescription": "",
    "signName": "",
    "sendEmail": false,
    "includeUtilizationCalculation": true,
    "capacity": 6,
    "resourceType": "Rooms",
    "visible": true,
    "displayUserRestrictions": false,
    "messageDisplayRestrictions": "",
    "restrictBooking": 0,
    "forceOrganizerOpenForm": -1,
    "sortOrder": "",
    "costInitial": 0.0,
    "costPrMinute": 0.0,
    "startTime": "00:00",
    "endTime": "00:00",
    "preAndPostBufferTime": 0,
    "preCloseDate": null,
    "closeDate": null,
    "openDate": null,
    "displayReservationSection": null,
    "displayOrderSection": null,
    "displayAttendeesSection": null,
```

```
    "displayPropertiesSection": null,
    "htmlid": null,
    "htmlIdExternal": null,
    "commonFormId": null,
    "tentativeOrderFlow": false,
    "hideFormOnTentativeAppointments": false,
    "askForAttendeesInForm": true,
    "classicFormat": true,
    "displayGroups": false,
    "deadlineForCatering": false,
    "workDayDeadlineForCatering": 1,
    "timeDeadlineForCatering": "00:00",
    "deadlineForCateringMessage": "",
    "deadlineForServices": false,
    "workDayDeadlineForServices": 1,
    "timeDeadlineForServices": "00:00",
    "deadlineServicesMessage": "",
    "maxNumbOfDeliveries": 6
}
```

Response

```
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
```

PUT Update Resource

Example URI:
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource/{{id}}

Update resource that matches the inputted ID.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
Accept	application/json
Content-Type	application/json
Body *(raw json)*	

```json
{
  "resourceMail": //DataType: string - required, must be unique
  "name": //DataType: string - required, must be unique
  "description": //DataType: string
  "licenseType": //DataType: string - required, Value either: Standard, Light, or Pooled
  "groupId": //DataType: int - required
  "locationId": //DataType: int - required
  "timezone": //DataType: string - Values: must be window timezone Id
  "categoryIds": //DataType: array[int]
  "locationDescription": //DataType: string
  "sendEmail": //DataType: string - required, Value either: true or false
  "capacity": //DataType: int
  "resourceType": //DataType: string - required, Value either: Rooms, Desks, Equipments, Misc
  "visible": //DataType: string - required, Value either: true or false
  "messageDisplayRestrictions": //DataType: string
  "restrictBooking": //DataType: int
  "sortOrder": //DataType: string
  "costInitial": //DataType: float – round to 2 decimal places
  "costPrMinute": //DataType: float – round to 2 decimal places
  "startTime": //DataType: string - Values: must be HH:MM time format and the same timezone as timezone field
  "endTime": //DataType: int - Values: must be HH:MM time format and the same timezone as timezone field
  "preAndPostBufferTime": //DataType: int - Values: must be divisible by 15 and less than 61
  "preCloseDate": //DataType: null or int - Value must be YYYY-MM-DD date format
  "closeDate": //DataType: null or int - Value must be YYYY-MM-DD date format
  "openDate": //DataType: null or int - Value must be YYYY-MM-DD date format
  "displayReservationSection": //DataType: string - required, Value either: true or false
  "displayOrderSection": //DataType: string - required, Value either: true or false
  "displayAttendeesSection": //DataType: string - required, Value either: true or false
  "displayPropertiesSection": //DataType: string - required, Value either: true or false
  "htmlId": //DataType: int or null
  "htmlIdExternal": //DataType: int or null
  "commonFormId": //DataType: int or null
  "tentativeOrderFlow": //DataType: string - required, Value either: true or false
  "displayGroups": //DataType: string - required, Value either: true or false
  "deadlineForCatering": //DataType: string - required, Value either: true or false
  "workDayDeadlineForCatering": //DataType: int - required when deadlineForCatering is true
  "timeDeadlineForCatering": //DataType: dateTime - required when deadlineForCatering is true, Values: must be HH:MM time format and the same timezone as timezone field
  "deadlineForCateringMessage": //DataType: string - required when deadlineForCatering is true
  "deadlineForServices": //DataType: string - required, Value either: true or false
  "workDayDeadlineForServices": //DataType: int - required when deadlineForServices is true
  "timeDeadlineForServices": //DataType: dateTime - required when deadlineForServices is true, Values: must be HH:MM time format and the same timezone as timezone field
  "deadlineServicesMessage": //DataType: string - required when deadlineForServices is true
  "maxNumbOfDeliveries": //DataType: int – must be less than 10
```

```
  "signName": //DataType: string
  "includeUtilizationCalculation": //DataType: string - required, Value either: true
or false
  "displayUserRestrictions": //DataType: string - required, Value either: true or false
  "forceOrganizerOpenForm": //DataType: int
  "hideFormOnTentativeAppointments": //DataType: string - required, Value either: true
or false
  "askForAttendeesInForm": //DataType: string - required, Value either: true or false
  "classicFormat": //DataType: string - required, Value either: true or false
}
```

Example Requests

Update Resource Successful

Request

```
curl --location --request PUT '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource/
442' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
    "resourceMail": "ps3_097change@aoprc.onmicrosoft.com",
    "name": "ps3_09 TOKYO",
    "description": "",
    "licenseType": "Pooled",
    "groupId": 20,
    "locationId": 170,
    "timezone": null,
    "categoryIds": [],
    "locationDescription": "",
    "signName": "",
    "sendEmail": false,
    "includeUtilizationCalculation": true,
    "capacity": 6,
    "resourceType": "Rooms",
    "visible": true,
    "displayUserRestrictions": false,
    "messageDisplayRestrictions": "",
    "restrictBooking": 0,
    "forceOrganizerOpenForm": -1,
    "sortOrder": "",
    "costInitial": 0.0,
    "costPrMinute": 0.0,
    "startTime": "00:00",
    "endTime": "00:00",
    "preAndPostBufferTime": 0,
    "preCloseDate": null,
    "closeDate": null,
    "openDate": null,
    "displayReservationSection": null,
    "displayOrderSection": null,
```

```
    "displayAttendeesSection": null,
    "displayPropertiesSection": null,
    "htmlid": null,
    "htmlIdExternal": null,
    "commonFormId": null,
    "tentativeOrderFlow": false,
    "hideFormOnTentativeAppointments": false,
    "askForAttendeesInForm": true,
    "classicFormat": true,
    "displayGroups": false,
    "deadlineForCatering": false,
    "workDayDeadlineForCatering": 1,
    "timeDeadlineForCatering": "00:00",
    "deadlineForCateringMessage": "",
    "deadlineForServices": false,
    "workDayDeadlineForServices": 1,
    "timeDeadlineForServices": "00:00",
    "deadlineServicesMessage": "",
    "maxNumbOfDeliveries": 6
}
```

Response

```
{
    "status": 200,
    "message": "Success",
    "data": null
}
```

Update Resource Bad Request

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource
' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
    "resourceMail": "ps3_097change@aoprc.onmicrosoft.com",
    "name": "ps3_09 TOKYO",
    "description": "",
    "licenseType": "Pooled",
    "groupId": 20,
    "locationId": 170,
    "timezone": null,
    "categoryIds": [],
    "locationDescription": "",
    "signName": "",
    "sendEmail": false,
    "includeUtilizationCalculation": true,
    "capacity": 6,
    "resourceType": "Rooms",
    "visible": true,
```

```
    "displayUserRestrictions": false,
    "messageDisplayRestrictions": "",
    "restrictBooking": 0,
    "forceOrganizerOpenForm": -1,
    "sortOrder": "",
    "costInitial": 0.0,
    "costPrMinute": 0.0,
    "startTime": "00:00",
    "endTime": "00:00",
    "preAndPostBufferTime": 0,
    "preCloseDate": null,
    "closeDate": null,
    "openDate": null,
    "displayReservationSection": null,
    "displayOrderSection": null,
    "displayAttendeesSection": null,
    "displayPropertiesSection": null,
    "htmlid": null,
    "htmlIdExternal": null,
    "commonFormId": null,
    "tentativeOrderFlow": false,
    "hideFormOnTentativeAppointments": false,
    "askForAttendeesInForm": true,
    "classicFormat": true,
    "displayGroups": false,
    "deadlineForCatering": false,
    "workDayDeadlineForCatering": 1,
    "timeDeadlineForCatering": "00:00",
    "deadlineForCateringMessage": "",
    "deadlineForServices": false,
    "workDayDeadlineForServices": 1,
    "timeDeadlineForServices": "00:00",
    "deadlineServicesMessage": "",
    "maxNumbOfDeliveries": 6
}
```

Response

```
{
    "status": 400,
    "message": "Bad Request",
    "data": {
        "errorField": "Email",
        "errorDescription": "The field Email must be unique."
    }
}
```

Update Resource Unauthorized

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource
' \
--header 'accept: application/json' \
```

```
--header 'Content-Type: application/json' \
--data-raw '{
    "resourceMail": "ps3_097change@aoprc.onmicrosoft.com",
    "name": "ps3_09 NY",
    "description": "",
    "licenseType": "Pooled",
    "groupId": 20,
    "locationId": 170,
    "timezone": null,
    "categoryIds": [],
    "locationDescription": "",
    "signName": "",
    "sendEmail": false,
    "includeUtilizationCalculation": true,
    "capacity": 6,
    "resourceType": "Rooms",
    "visible": true,
    "displayUserRestrictions": false,
    "messageDisplayRestrictions": "",
    "restrictBooking": 0,
    "forceOrganizerOpenForm": -1,
    "sortOrder": "",
    "costInitial": 0.0,
    "costPrMinute": 0.0,
    "startTime": "00:00",
    "endTime": "00:00",
    "preAndPostBufferTime": 0,
    "preCloseDate": null,
    "closeDate": null,
    "openDate": null,
    "displayReservationSection": null,
    "displayOrderSection": null,
    "displayAttendeesSection": null,
    "displayPropertiesSection": null,
    "htmlid": null,
    "htmlIdExternal": null,
    "commonFormId": null,
    "tentativeOrderFlow": false,
    "hideFormOnTentativeAppointments": false,
    "askForAttendeesInForm": true,
    "classicFormat": true,
    "displayGroups": false,
    "deadlineForCatering": false,
    "workDayDeadlineForCatering": 1,
    "timeDeadlineForCatering": "00:00",
    "deadlineForCateringMessage": "",
    "deadlineForServices": false,
    "workDayDeadlineForServices": 1,
    "timeDeadlineForServices": "00:00",
    "deadlineServicesMessage": "",
    "maxNumbOfDeliveries": 6
}
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Update Resource Internal Server Error

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Resource
' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
    "resourceMail": "ps3_097change@aoprc.onmicrosoft.com",
    "name": "ps3_09 NY",
    "description": "",
    "licenseType": "Pooled",
    "groupId": 20,
    "locationId": 170,
    "timezone": null,
    "categoryIds": [],
    "locationDescription": "",
    "signName": "",
    "sendEmail": false,
    "includeUtilizationCalculation": true,
    "capacity": 6,
    "resourceType": "Rooms",
    "visible": true,
    "displayUserRestrictions": false,
    "messageDisplayRestrictions": "",
    "restrictBooking": 0,
    "forceOrganizerOpenForm": -1,
    "sortOrder": "",
    "costInitial": 0.0,
    "costPrMinute": 0.0,
    "startTime": "00:00",
    "endTime": "00:00",
    "preAndPostBufferTime": 0,
    "preCloseDate": null,
    "closeDate": null,
    "openDate": null,
    "displayReservationSection": null,
    "displayOrderSection": null,
    "displayAttendeesSection": null,
    "displayPropertiesSection": null,
    "htmlid": null,
    "htmlIdExternal": null,
    "commonFormId": null,
    "tentativeOrderFlow": false,
    "hideFormOnTentativeAppointments": false,
```

```
    "askForAttendeesInForm": true,
    "classicFormat": true,
    "displayGroups": false,
    "deadlineForCatering": false,
    "workDayDeadlineForCatering": 1,
    "timeDeadlineForCatering": "00:00",
    "deadlineForCateringMessage": "",
    "deadlineForServices": false,
    "workDayDeadlineForServices": 1,
    "timeDeadlineForServices": "00:00",
    "deadlineServicesMessage": "",
    "maxNumbOfDeliveries": 6
}
```

Response

```
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
```

Location

GET Search Location

Example URI:

https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/location?ids={{id}}

Get location result that matches the inputted values.
If no values inputted, the result would include all locations.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
accept	application/json
Query Params	**Description**
ids	Data type: string ID(s) of the location(s). Each id is separated by ",".

Example Requests

Search Location Successful

Request

```
curl --location --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion?ids=77,258' \
--header 'accept: application/json' \
--header 'Authorization: Bearer {{token}}'
```

Response

```
{
    "status": 200,
    "message": "Success",
    "data": [
        {
            "taxReceiptEnable": false, //Either true or false. If true, tax receipt is
enabled for the resource
            "taxReceiptLanguage":    null,    //Language    for    the    tax    receipt.
taxReceiptEnable must be true
            "taxReceiptLocation":    null,    //Name   and   address   of   the   location.
taxReceiptEnable must be true
            "taxReceiptExternalCaterer": null, //Name, address, and tax number of the
location. taxReceiptEnable must be true
            "locationPercentage": -1, //Location percentage of the location
            "visitorPercentage": -1, //Visitor percentage of the location
            "id": 258, //ID of the location
            "parentNodeId": 202, //ID of the location's parent
            "caption": "Belgium", //Name of the location
            "key": "", //Unique key to identify the location
            "description": "", //Description of the location
            "calendarId": 4, //ID of the calendar applied to the location
            "extraId1": null, //Extra ID of the location
            "sortOrder": //A alphanumeric value used to sort locations
        },
        {
            "taxReceiptEnable": true,
            "taxReceiptLanguage": null,
            "taxReceiptLocation": "\r\n\r\n\r\n\r\n",
            "taxReceiptExternalCaterer": null,
            "locationPercentage": -1,
            "visitorPercentage": -1,
            "id": 77,
            "parentNodeId": 47,
            "caption": "France",
            "key": null,
            "description": "",
            "calendarId": 1,
            "extraId1": null,
            "sortOrder": 1
        }
    ]
}
```

Search Location Unauthorized

Request

```
curl --location --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion?ids=77,258' \
--header 'accept: application/json'
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Search Location Internal Server Error

Request

```
curl --location --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion?ids=77,258' \
--header 'accept: application/json' \
--header 'Authorization: Bearer {{token}}'
```

Response

```
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
```

GET Get Location by ID

Example URI:
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/locati
on/{{id}}

Get location result that matches the inputted ID.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
Accept	application/json

Example Requests

Get Location Successful

Request

```
curl --location -g --request GET '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion/77' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json'
```

Response

```
{
    "status": 200,
    "message": "Success",
    "data": {
        "taxReceiptEnable": true, //Either true or false. If true, tax receipt is
enabled for the resource
        "taxReceiptLanguage": null, //Language for the tax receipt. taxReceiptEnable
must be true
        "taxReceiptLocation":  null,  //Name  and  address  of  the  location.
taxReceiptEnable must be true
        "taxReceiptExternalCaterer": null, //Name, address, and tax number of the
location. taxReceiptEnable must be true
        "locationPercentage": -1, //Location percentage of the location
        "visitorPercentage": -1, //Visitor percentage of the location
        "id": 77, //ID of the location
        "parentNodeId": 47, //ID of the location's parent
        "caption": "France", //Name of the location
        "key": null, //Unique key to identify the location
        "description": "", //Description of the location
        "calendarId": 1, //ID of the calendar applied to the location
        "extraId1": null, //Extra ID of the location
        "sortOrder": 1 //A alphanumeric value used to sort locations
    }
}
```

Get Location Unauthorized

Request

```
curl --location -g --request GET '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion/77' \
--header 'accept: application/json'
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Get Location Internal Server Error

Request

```
curl --location -g --request GET '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion/77' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json'
```

Response

```
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
```

POST Create Location
Example URI:
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/locati
on

Create location with the inputted body.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
Accept	application/json
Content-Type	application/json
Body *(raw json)*	

```
{
  "parentNodeId": //DataType: int - required
  "caption": //DataType: string - required, must be unique and NOT contain any special
character
  "key": //DataType: string
  "description": //DataType: string
  "extraId1": //DataType: string
  "calendarId": //DataType: int
  "taxReceiptEnable": //DataType: string - required, Value either: true or false
  "taxReceiptLanguage": //DataType: string – required when taxReceiptEnable is true,
Value must be one of da, zh-CN, nl, en-US, fi, fr, de, it, ja, ko, pt, ru, es, sv, nb,
cy, cs-CZ, pl-PL.
  "taxReceiptLocation": //DataType: string
  "taxReceiptExternalCaterer": //DataType: string
  "locationPercentage": //DataType: int – Value can only be ranged from 0 to 100. The
total value of Locationpercentage and Visitorpercentage cannot exceed 100%
  "visitorPercentage": //DataType: int – Value can only be ranged from 0 to 100. The
total value of Locationpercentage and Visitorpercentage cannot exceed 100%
}
```

Example Requests

Create Location Successful

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
  "parentNodeId": 47,
  "caption": "pD7OgrP4EeagubU2D1F4YHMBhhE",
  "key": "Paris",
  "description": "string",
  "extraId1": "string",
  "calendarId": 1,
  "taxReceiptEnable": true,
  "taxReceiptLanguage": "fr",
  "taxReceiptLocation": "string",
  "taxReceiptExternalCaterer": "string",
  "locationPercentage": 20,
  "visitorPercentage": 20
}
```

Response

```
{
    "status": 200,
    "message": "Success",
    "data": {
        "id": 266,
        "parentNodeId": 47,
        "caption": "pD7OgrP4EeagubU2D1F4YHMBhhE"
    }
}
```

Create Location Bad Request

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
  "parentNodeId": 47,
  "caption": "pD7OgrD4FeagubU2D1F4YHMBhhE",
  "key": "Paris",
  "description": "string",
  "extraId1": "string",
  "calendarId": 1,
  "taxReceiptEnable": true,
  "taxReceiptLanguage": "",
  "taxReceiptLocation": "string",
  "taxReceiptExternalCaterer": "string",
  "locationPercentage": 50,
  "visitorPercentage": 50
}
```

Response

```
{
    "status": 400,
    "message": "Bad Request",
    "data": {
        "errorField": "Key",
        "errorDescription": "The field Key must be unique."
    }
}
```

Create Location Unauthorized

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
  "parentNodeId": 47,
  "caption": "pD7OgrP4EeagubU2D1F4YHMBhhE",
  "key": "Paris",
  "description": "string",
  "extraId1": "string",
  "calendarId": 1,
  "taxReceiptEnable": true,
  "taxReceiptLanguage": "fr",
  "taxReceiptLocation": "string",
  "taxReceiptExternalCaterer": "string",
  "locationPercentage": 20,
  "visitorPercentage": 20
}
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Create Location Internal Server Error

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
  "parentNodeId": 47,
  "caption": "pD7OgrP4EeagubU2D1F4YHMBhhE",
  "key": "Paris",
  "description": "string",
  "extraId1": "string",
  "calendarId": 1,
  "taxReceiptEnable": true,
  "taxReceiptLanguage": "fr",
  "taxReceiptLocation": "string",
  "taxReceiptExternalCaterer": "string",
  "locationPercentage": 20,
  "visitorPercentage": 20
```

```
}
```

Response

```json
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
```

PUT Update Location

Example URI:
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/location/{{id}}

Update location that matches the inputted ID.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
Accept	application/json
Content-Type	application/json

Body *(raw json)*

```json
{
  "parentNodeId": //DataType: int - required
  "caption": //DataType: string - required, must be unique and NOT contain any special character
  "key": //DataType: string
  "description": //DataType: string
  "extraId1": //DataType: string
  "calendarId": //DataType: int
  "taxReceiptEnable": //DataType: string - required, Value either: true or false
  "taxReceiptLanguage": //DataType: string – required when taxReceiptEnable is true, Value must be one of da, zh-CN, nl, en-US, fi, fr, de, it, ja, ko, pt, ru, es, sv, nb, cy, cs-CZ, pl-PL.
  "taxReceiptLocation": //DataType: string
  "taxReceiptExternalCaterer": //DataType: string
  "locationPercentage": //DataType: int – Value can only be ranged from 0 to 100. The total value of Locationpercentage and Visitorpercentage cannot exceed 100%
  "visitorPercentage": //DataType: int – Value can only be ranged from 0 to 100. The total value of Locationpercentage and Visitorpercentage cannot exceed 100%
}
```

Example Requests

Update Location Successful

Request

```
curl --location --request PUT '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion/47' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
{
  "parentNodeId": 47,
  "caption": "pD7OgrP4E474ehU2D1F4YHMBhhE",
  "key": "Paris New",
  "description": "New branch",
  "extraId1": "string",
  "calendarId": 1,
  "taxReceiptEnable": true,
  "taxReceiptLanguage": "fr",
  "taxReceiptLocation": "string",
  "taxReceiptExternalCaterer": "string",
  "locationPercentage": 40,
  "visitorPercentage": 20
}
```

Response

```
{
    "status": 200,
    "message": "Success",
    "data": null
}
```

Update Location Bad Request

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion/47' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
  "parentNodeId": 47,
  "caption": "pD7OgrP4EU2D1F4YHMBhhE",
  "key": "Paris",
  "description": "",
  "extraId1": "string",
  "calendarId": 1,
  "taxReceiptEnable": true,
  "taxReceiptLanguage": "fr",
```

```
    "taxReceiptLocation": "string",
    "taxReceiptExternalCaterer": "string",
    "locationPercentage": 40,
    "visitorPercentage": 20
}
```

Response

```
{
    "status": 400,
    "message": "Bad Request",
    "data": {
        "errorField": "Key",
        "errorDescription": "The field Key must be unique."
    }
}
```

Update Location Unauthorized

Request

```
curl --location --request PUT '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion/47' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
{
  "parentNodeId": 47,
  "caption": "pD7OgrP4E474ehU2D1F4YHMBhhE",
  "key": "Paris New",
  "description": "New branch",
  "extraId1": "string",
  "calendarId": 1,
  "taxReceiptEnable": true,
  "taxReceiptLanguage": "fr",
  "taxReceiptLocation": "string",
  "taxReceiptExternalCaterer": "string",
  "locationPercentage": 40,
  "visitorPercentage": 20
}
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Update Location Internal Server Error

Request

```
curl --location --request PUT '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/loca
tion/47' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
{
  "parentNodeId": 47,
  "caption": "pD7OgrP4E474ehU2D1F4YHMBhhE",
  "key": "Paris New",
  "description": "New branch",
  "extraId1": "string",
  "calendarId": 1,
  "taxReceiptEnable": true,
  "taxReceiptLanguage": "fr",
  "taxReceiptLocation": "string",
  "taxReceiptExternalCaterer": "string",
  "locationPercentage": 40,
  "visitorPercentage": 20
}
```

Response

```
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
```

Category

GET Search Category
Example URI:
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/catego
ry?ids={{id}}&parentId={{id}}

Get category result that matches the inputted values.
If no values inputted, the result would include all categories.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
accept	application/json

Query Params	Description
ids	Data type: string ID(s) of the category(s). Each id is separated by ",".

Example Requests

Search Category Successful

Request

```
curl --location --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/cate
gory?ids=142,143&parentId=48' \
--header 'accept: application/json' \
--header 'Authorization: Bearer {{token}}'
```

Response

```
{
    "status": 200,
    "message": "Success",
    "data": [
        {
            "isDefault": false, //Either true or false. If true, the category becomes
default
            "id": 142, //ID of the category
            "parentNodeId": 48, //ID of the category's parent
            "caption": "Hot Desks", //Name of the category
            "key": "Key123", //Unique key to identify the category
            "description": "", //Description of the category
            "calendarId": 1, //ID of the calendar applied to the category
            "extraId1": null, //Extra ID of the category
            "sortOrder": 7 //A alphanumeric value used to sort categories
        },
        {
            "isDefault": false,
            "id": 143,
            "parentNodeId": 48,
            "caption": "Rooms with Whiteboard",
            "key": "",
            "description": "",
            "calendarId": 1,
            "extraId1": "",
            "sortOrder": 8
        }
    ]
}
```

Search Category Unauthorized

Request

```
curl --location --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/cate
gory?ids=142,143&parentId=48' \
--header 'accept: application/json'
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Search Category Internal Server Error

Request
```curl --location --request GET https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/category?ids=142,143&parentId=48' \ --header 'accept: application/json' \ --header 'Authorization: Bearer {{token}}'```

Response
```{   "status": 500,   "message": "Internal Error",   "data": null }```

GET Get Category by ID

Example URI:
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/category/{{id}}

Get category result that matches the inputted ID.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
Accept	application/json

Example Requests

Get Category Successful

Request
```curl --location -g --request GET https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/category/142' \ --header 'accept: application/json' \ --header 'Authorization: Bearer {{token}}'```

Response

```
{
    "status": 200,
    "message": "Success",
    "data": {
        "isDefault": false, //Either true or false. If true, the category becomes
default
        "id": 142, //ID of the category
        "parentNodeId": 48, //ID of the category's parent
        "caption": "Hot Desks", //Name of the category
        "key": "Key123", //Unique key to identify the category
        "description": "", //Description of the category
        "calendarId": 1, //ID of the calendar applied to the category
        "extraId1": null, //Extra ID of the category
        "sortOrder": 7 //A alphanumeric value used to sort categories
    }
}
```

Get Category Unauthorized

Request

```
curl --location -g --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/cate
gory/142' \
--header 'accept: application/json'
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Get Category Internal Server Error

Request

```
curl –location -g --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Tree/cate
gory?ids=142,143&parentId=48' \
--header 'accept: application/json' \
--header 'Authorization: Bearer {{token}}'
```

Response

```
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
```

Group

GET Search Group

Example URI:

https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group?ids={{id}}&name={{name}}

Get group result that matches the inputted values.
If no values inputted, the result would include all groups.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
accept	application/json

Query Params	Description
ids	Data type: string ID(s) of the group(s). Each id is separated by ",".
name	Data type: string Name of the group.

Example Requests

Search Group Successful

Request
curl --location --request GET https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group?ids=3,4&name=' \ --header 'accept: application/json' \ --header 'Authorization: Bearer {{token}}'

Response

```
{
    "status": 200,
    "message": "Success",
    "data": [
        {
            "id": 4, //ID of the group
            "name": "Equipment" //Name of the group
        },
        {
            "id": 3,
            "name": "Hotdesks"
        }
    ]
}
```

Search Group Unauthorized

Request
```curl --location --request GET https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group?ids=3,4&name=' \ --header 'accept: application/json'```
Response
```{   "status": 401,   "message": "Attempted to perform an unauthorized operation.",   "data": null }```

Search Group Internal Server Error

Request
```curl --location --request GET https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group?ids=3,4&name=' \ --header 'accept: application/json' \ --header 'Authorization: Bearer {{token}}'```
Response
```{   "status": 500,   "message": "Internal Error",   "data": null }```

GET Get Group by ID

Example URI:
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group/{{id}}

Get group result that matches the inputted ID.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
Accept	application/json

Example Requests

Get Category Successful

Request

```
curl --location -g --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group/3'
\
--header 'accept: application/json' \
--header 'Authorization: Bearer {{token}}'
```

Response

```
{
    "status": 200,
    "message": "Success",
    "data": {
        "id": 3, //ID of the group
        "name": "Hotdesks" //Name of the group
    }
}
```

Get Category Unauthorized

Request

```
curl --location -g --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group/3'
\
--header 'accept: application/json'
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Get Category Internal Server Error

Request

```
curl --location -g --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group/3'
\
--header 'accept: application/json' \
--header 'Authorization: Bearer {{token}}'
```

Response

```
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
```

POST Create Group

Example URI:

https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group

Create group with the inputted body.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
Accept	application/json
Content-Type	application/json
Body *(raw json)*	

```
{
  "name": //DataType: string – required, must be unique, maximum 50 characters, Value
must not contain any special character except ".”/"_"/"-"
}
```

Example Requests

Create Group Successful

Request
```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
  "name": "Public Transport"
}
```
Response
```
{
    "status": 200,
    "message": "Success",
    "data": {
        "id": 62,
        "name": "Public Transport"
    }
}
```

Create Group Bad Request

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
  "name": "Equipment"
}
```

Response

```
{
    "status": 400,
    "message": "Bad Request",
    "data": {
        "errorField": "Name",
        "errorDescription": "The field Name must be unique."
    }
}
```

Create Group Unauthorized

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
  "name": "Public Transport"
}
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Create Group Internal Server Error

Request

```
curl --location --request POST '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group' \
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
  "name": "Public Transport"
}
```

Response

```
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
```

PUT Update Group

Example URI:

https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group/{{id}}

Update group that matches the inputted ID.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
Accept	application/json
Content-Type	application/json
Body *(raw json)*	

```
{
  "name": //DataType: string – required, must be unique, maximum 50 characters, Value
must not contain any special character except ".”/“_”/“-”
}
```

Example Requests

Update Group Successful

Request

```
curl --location --request PUT '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group/62'
\
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
```

```
    "name": "Public Transports"
}
```

Response

```
{
    "status": 200,
    "message": "Success",
    "data": null
}
```

Update Group Bad Request

Request

```
curl --location --request PUT '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group/62'
\
--header 'Authorization: Bearer {{token}}' \
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
  "name": "Equipment"
}
```

Response

```
{
    "status": 400,
    "message": "Bad Request",
    "data": {
        "errorField": "Name",
        "errorDescription": "The field Name must be unique."
    }
}
```

Update Group Unauthorized

Request

```
curl --location --request PUT '
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group/62'
\
--header 'accept: application/json' \
--header 'Content-Type: application/json' \
--data-raw '{
  "name": "Public Transports"
}
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Update Group Internal Server Error

Request
```curl --location --request PUT 'https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Group/62' \ --header 'accept: application/json' \ --header 'Content-Type: application/json' \ --data-raw '{   "name": "Public Transports" }```
Response
```{   "status": 500,   "message": "Internal Error",   "data": null }```

Form

GET Search Form
Example URI:

```
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Form?ids={{
id}}&name={{name}}
```

Get form result that matches the inputted values.
If no values inputted, the result would include all forms.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
accept	application/json
Query Params	**Description**
ids	Data type: string ID(s) of the form(s). Each id is separated by ",".
name	Data type: string Name of the form.

Example Requests

Search Form Successful

Request

```
curl --location --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Form?ids=
1,3&name=' \
--header 'accept: application/json' \
--header 'Authorization: Bearer {{token}}'
```

Response

```
{
    "status": 200,
    "message": "Success",
    "data": [
        {
            "id": 3, //ID of the form
            "name": "Events - Orderform", //Name of the form
            "descriptionShort": "", //Short description of the form
            "resources": [ //List of the resources that use the form below
                {
                    "id": 15, //ID of the resource
                    "name": "Toronto - Hotdesk", //Name of the resource
                    "email": "ps3_012@aoprc.onmicrosoft.com" //Email address of the
resource
                },
                {
                    "id": 43,
                    "name": "Helsinki - auto 1",
                    "email": "ps3_039@aoprc.onmicrosoft.com"
                },
                {
                    "id": 46,
                    "name": "Oslo - Bil 1",
                    "email": "ps3_042@aoprc.onmicrosoft.com"
                },
                {
                    "id": 49,
                    "name": "Stockholm - Bil 1",
                    "email": "ps3_045@aoprc.onmicrosoft.com"
                },
                {
                    "id": 55,
                    "name": "New York - hotdesk 1",
                    "email": "ps3_051@aoprc.onmicrosoft.com"
                },
                {
                    "id": 58,
                    "name": "New York -  Laptop B1",
                    "email": "ps3_054@aoprc.onmicrosoft.com"
                },
                {
                    "id": 59,
```

```
                "name": "New York - hotdesk 2",
                "email": "ps3_055@aoprc.onmicrosoft.com"
            },
            {
                "id": 435,
                "name": "Toronto - Hotdesk 1235",
                "email": "ps3_0121235@aoprc.onmicrosoft.com"
            }
        ]
    },
    {
        "id": 1,
        "name": "US Form",
        "descriptionShort": "",
        "resources": [
            {
                "id": 54,
                "name": "New York - Room 101",
                "email": "ps3_050@aoprc.onmicrosoft.com"
            }
        ]
    }
  ]
}
```

Search Form Unauthorized

Request

```
curl --location --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Form?ids=
1,3&name=' \
--header 'accept: application/json' \
```

Response

```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
```

Search Form Internal Server Error

Request

```
curl --location --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Form?ids=
1,3&name=' \
--header 'accept: application/json' \
--header 'Authorization: Bearer {{token}}'
```

Response

```
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
```

GET Get Form by ID

Example URI:

https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Form/{{id}}

Get category result that matches the inputted ID.

Request Header	Description
Authorization	Bearer {{token}} The Authorization token get from Azure AD.
Accept	application/json

Example Requests

Get Form Successful

Request
curl --location -g --request GET https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Form?ids= 1&name=' \ --header 'accept: application/json' \ --header 'Authorization: Bearer {{token}}'

Response

```
{
    "status": 200,
    "message": "Success",
    "data": {
        "id": 1, //ID of the form
        "name": "US Form", //Name of the form
        "descriptionShort": "", //Short description of the form
        "resources": [ //List of the resources that use the form below
            {
                "id": 54, //ID of the resource
                "name": "New York - Room 101", //Name of the resource
                "email":  "ps3_050@aoprc.onmicrosoft.com"  //Email  address  of  the
resource
            }
        ]
    }
}
```

Get Form Unauthorized

Request
| ```
curl --location -g --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Form?ids=
1&name=' \
--header 'accept: application/json'
``` |

Response
| ```
{
    "status": 401,
    "message": "Attempted to perform an unauthorized operation.",
    "data": null
}
``` |

Get Form Internal Server Error

Request
| ```
curl --location -g --request GET
https://ps3.eastasia.cloudapp.azure.com/ResourceCentralGateway/order-api/v1/Form?ids=
1&name=' \
--header 'accept: application/json' \
--header 'Authorization: Bearer {{token}}'
``` |

Response
| ```
{
  "status": 500,
  "message": "Internal Error",
  "data": null
}
``` |