

# Aggregate Maintenance

## Run Immediately

Run immediately an aggregate maintenance job.

## HTTP REQUEST: POST

Run immediately an aggregate maintenance job.

```
POST /api/1.0/aggregates/maintenance/orgId/{orgId}/run-immediately
```

### URI PARAMETERS

Name	Type	Description
orgId	string	The Organization ID for which you want to run a maintenance job

### RESPONSES

Code	Description
200	Success.
401	This error will occur if calling user does not have access right for the API.
404	This error will occur if calling user does not have access right for the API.
500	A server error occurred. Check the logs for more details.
503	This error will occur if Design Center APIs are not enabled.

### RESPONSE BODY DESCRIPTIONS

Name	Type	Description
id	string	-

name	string	-
properties	CommonProperties	-
attributes	AttributeReferences	-
partitions	PartitionReferences	-

200 Reponse Body

```
{
  "status": {
    "code": 200,
    "message": "Maintenance successfully started for default"
  },
  "responseCreated": "2022-03-31T22:01:18.370769Z",
  "response": null
}
```

## Get Current Job

### HTTP REQUEST: GET

Get the running (in progress) maintenance job

```
GET /aggregates/maintenance/orgId/{orgId}
```

#### URI PARAMETERS

Name	Type	Description
orgId	string	The Organization ID for which you want to get the running maintenance job.

#### RESPONSES

Code	Description
200	Success.

400	Invalid request for example: Invalid parameters, missing parameters.
401	Unauthorized. This error will occur if calling user does not have access right for the API.
404	Unauthorized. This error will occur if calling user does not have access right for the API.
500	A server error occurred. Check the logs for more details.

### 200 Reponse Body

```
{
  "status": {
    "code": 0,
    "message": "200 OK"
  },
  "responseCreated": "2021-12-17T11:04:12.945567Z",
  "response": {
    "id": "87bcb6ee-896d-4d8c-8fcf-b2e3a1342be1",
    "organizationId": "default",
    "triggerType": "CubeUpdateMaintenance(FirstTimeCubeProcessed)",
    "creationTime": "2021-12-17T10:23:36.534831Z",
    "startTime": "2021-12-17T10:23:36.534832Z",
    "endTime": "2021-12-17T10:23:37.377313Z",
    "status": "inprogress",
    "errorInformation": {}
  }
}
```

## List Maintenance Jobs

### HTTP REQUEST: GET

Get a list of the maintenance jobs for an organization.

```
GET /aggregates/maintenance/orgId/{orgId}/history
```

#### URI PARAMETERS

Name	Type	Description
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orgId	string	The Organization ID for which you want to get the history of maintenance jobs.
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## RESPONSES

Code	Description
200	Success.
400	Invalid request for example: Invalid parameters, missing parameters.
401	Unauthorized. This error will occur if calling user does not have access right for the API.
404	Unauthorized. This error will occur if calling user does not have access right for the API.
500	A server error occurred. Check the logs for more details.

### 200 Reponse Body

```
{
  "status": {
    "code": 0,
    "message": "200 OK"
  },
  "responseCreated": "2022-04-01T14:01:14.372616Z",
  "response": {
    "data": [
      {
        "id": "aba2c665-9535-4377-8eac-66482a0a1cbf",
        "organizationId": "default",
        "triggerType": "TimeBasedMaintenance",
        "creationTime": "2022-04-01T05:53:55.278706Z",
        "startTime": "2022-04-01T05:53:55.278706Z",
        "endTime": "2022-04-01T05:53:55.449299Z",
        "status": "done",
        "errorInformation": {}
      },
      {
        "id": "1169ecd4-1904-42ba-801e-efb649c8531c",
```

```

    "organizationId": "default",
    "triggerType": "TimeBasedMaintenance",
    "creationTime": "2022-03-31T22:01:18.371775Z",
    "startTime": "2022-03-31T22:01:18.371776Z",
    "endTime": "2022-03-31T22:01:18.562840Z",
    "status": "done",
    "errorInformation": {}
  },
  {
    "id": "955c391d-63e1-4e36-a3ba-4509ef1dd947",
    "organizationId": "default",
    "triggerType": "CubeUpdateMaintenance(FirstTimeCubeProcessed)",
    "creationTime": "2022-03-31T15:23:07.948496Z",
    "startTime": "2022-03-31T15:23:07.948496Z",
    "endTime": "2022-03-31T15:23:08.236517Z",
    "status": "done",
    "errorInformation": {}
  },
  {
    "id": "47dc8cc8-1ba4-45e4-b23d-a2135b1f3a5e",
    "organizationId": "default",
    "triggerType": "CubeUpdateMaintenance(FirstTimeCubeProcessed)",
    "creationTime": "2022-03-31T15:20:57.113649Z",
    "startTime": "2022-03-31T15:20:57.113650Z",
    "endTime": "2022-03-31T15:20:57.689258Z",
    "status": "done",
    "errorInformation": {}
  }
],
"limit": 10,
"offset": 0,
"force_pull": false
}
}

```