

# Connection Groups

## Create And List

This API manages Connection Groups. Connection Groups are referred to in the Design Center UI as Data Warehouses.

## HTTP REQUEST: GET

List all Connection Groups for Organization.

```
GET /connection-groups/orgId/{orgId}
```

### URI PARAMETERS

Name	Type	Description
orgId	string	The Organization ID (UUID) for which you are querying.

### RESPONSES

Code	Description
200	Success.
400	This error occurs if JSON validation fails
401	
404	
500	
503	

200 Reponse Body

```
{  
  "status": {
```

```

"code": 0,
"message": "200 OK"
},
"responseCreated": "2018-03-29T21:43:45.491Z",
"response": {
  "visibleQueryRoles": {
    "large_user_query_role": true,
    "small_user_query_role": true,
    "system_query_role": true,
    "canary_query_role": false
  },
  "results": {
    "count": 1,
    "values": [
      {
        "id": "d41b3ab5-db46-47ac-8417-3dca2579a131",
        "name": "Hive Warehouse",
        "organizationId": "default",
        "connectionId": "con1",
        "hdfsUri": "hdfs://atscale-01:8020",
        "defaultSchema": "as_adventure",
        "extraProperties": {},
        "subgroups": [
          {
            "id": "0eec2ea7-3c33-4f3b-a5d0-d7bde1e48e3a",
            "name": "atscale-hive-system",
            "hosts": "atscale-01,atscale-02",
            "port": 10510,
            "connectorType": "hive",
            "username": "atscale",
            "extraJdbcFlags": "",
            "queryRoles": [
              "large_user_query_role",
              "system_query_role"
            ],
            "extraProperties": {}
          },
          {
            "id": "fd8465df-d278-431c-a01c-2b77d8d5b098",
            "name": "atscale-hive-interactive",
            "hosts": "atscale-01,atscale-02",

```



**POST** /connection-groups/orgId/{orgId}**URI PARAMETERS**

Name	Type	Description
orgId	string	The Organization ID (UUID) for which you are querying.

**RESPONSES**

Code	Description
200	Success.

Request Body

```
{
  "platformType": "hadoop",
  "name": "Hive Warehouse 3",
  "connectionId": "con1",
  "overrideConnectionId": true,
  "aggregateSchema": "atscaleagg",
  "readOnly": false,
  "isImpersonationEnabled": false,
  "isCanaryAlwaysEnabled": false,
  "isPartialAggHitEnabled": false,
  "extraProperties": {
    "udafMode": "engine_managed",
    "udafSchema": "atscaleudaf",
    "fsArtifactInstallPath": "/user/atscaler/atscale/engine",
    "hadoopRpcProtection": "authentication",
    "useNameNode2": "false"
  },
  "filesystemType": "hdfs",
  "filesystemUri": "hdfs://hadoop-node-01.atscale.com:8020",
  "subgroups": [
    {
      "name": "impala-sql",
      "connectorType": "impala",
      "hosts": "hadoop-node-01.atscale.com",
      "port": 21050,
      "extraJdbcFlags": ";auth=noSasl",
      "isKerberosClientEnabled": false,
      "username": "username_value",
      "password": "password_value",
      "queryRoles": [
        "large_user_query_role",
        "system_query_role"
      ]
    }
  ]
}
```

200 Reponse Body

```
{
  "status": {
    "code": 0,
    "message": "200 OK"
  },
  "responseCreated": "2018-03-30T16:56:52.140Z",
  "response": {
    "created": true,
    "id": "f6499aec-0963-4cc5-b772-3e2d4bfa15a4"
  }
}
```