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Get Grantee Privileges for an Object

Note:

This functionality is for Dremio v16.0+ Enterprise Edition only.

This API lists all users or groups with granted privileges for a specific object.

Endpoint Syntax

Method and URL

GET `/api/v3/catalog/{ID}/grants`

Required Privileges

All users executing this Rest API must have the [MANAGE GRANTS privilege](#) assigned to receive a response output.

Response Output

This is the standard response output for the API.

Example response

```
{ "id": "126ced34-70d2-4e31-92bb-0ee687ebff24", "availablePrivileges": [ "ALT
```

Response Codes

- `200` - Success.
- `403` - The user executing the API request lacks the `MANAGE GRANTS` permission.
- `404` - An object with the `entityId` is not found.

Examples



Example 1: Curl Request

curl request example

```
curl -X GET --location "http://localhost:9047/api/v3/catalog/c9baddf4-07db-4b"
```

Example 2: Default State

By default, Dremio grants all privileges on an object to all users. When a privilege is assigned to the **All Users** User option, all other users or groups on the privilege table are assigned the privilege, which is illustrated by the presence of a grey check box as shown in the image below.

User	Read datasets	Modify datasets
All Users	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Under such circumstances, the privilege array for this API will still list all possible privileges. However, the user- and role-grants arrays will both be empty, as seen in the example response below.

Default state example



```
{ "availablePrivileges": [ "ALTER", "SELECT" ], "grants": [] }
```





Example 3: Specific Users/Roles Grant

This example illustrates what happens when adding specific users or groups to the privileges table of the *Sharing* window. As part of this, the **All Users** entry will not have any privileges assigned, as the grants are now specified at the user or group level.

Sharing

Add User/Group

Add to Sharing

 dremio Documentation			Dremio Software ▾		☰
User	Read datasets	Modify datasets			
 All Users					
Anita Belanger					
Adam Blassingame					

As a result of this, the privileges array in the API response will include privileges, and `userGrants`, `roleGrants`, or both will not be empty (as in Example 1). See the response output below:

Grant user-specific privileges example

```
{ "id": "126ced34-70d2-4e31-92bb-0ee687ebff24", "availablePrivileges": [ "ALT"
```

Curl Request: Privileges for the Space Object

Space object privileges example

```
curl -X GET --location "http://localhost:9047/api/v3/grant?grantType=PROJECT"
```

Was this page helpful?



Yes



No