

```
+++ title = "Folder Permissions HTTP API " description = "Grafana Folder Permissions HTTP API" keywords =
["grafana", "http", "documentation", "api", "folder", "permission", "permissions", "acl"] aliases =
["/docs/grafana/latest/http_api/dashboardpermissions/"] +++
```

## Folder Permissions API

This API can be used to update/get the permissions for a folder.

Permissions with `folderId=-1` are the default permissions for users with the Viewer and Editor roles. Permissions can be set for a user, a team or a role (Viewer or Editor). Permissions cannot be set for Admins - they always have access to everything.

The permission levels for the permission field:

- 1 = View
- 2 = Edit
- 4 = Admin

### Get permissions for a folder

```
GET /api/folders/:uid/permissions
```

Gets all existing permissions for the folder with the given `uid`.

#### Example request:

```
GET /api/folders/nErXDvCkzz/permissions HTTP/1.1
Accept: application/json
Content-Type: application/json
Authorization: Bearer eyJrIjoiT0tTcG1pU1Y2RnVKZTFVaDFsNFZXdE9ZWmNrMkZYbk
```

#### Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json; charset=UTF-8
Content-Length: 551

[
  {
    "id": 1,
    "folderId": -1,
    "created": "2017-06-20T02:00:00+02:00",
    "updated": "2017-06-20T02:00:00+02:00",
    "userId": 0,
    "userLogin": "",
    "userEmail": "",
    "teamId": 0,
    "team": "",
    "role": "Viewer",
    "permission": 1,
    "permissionName": "View",
```

```

    "uid": "nErXDvCkzz",
    "title": "",
    "slug": "",
    "isFolder": false,
    "url": ""
  },
  {
    "id": 2,
    "dashboardId": -1,
    "created": "2017-06-20T02:00:00+02:00",
    "updated": "2017-06-20T02:00:00+02:00",
    "userId": 0,
    "userLogin": "",
    "userEmail": "",
    "teamId": 0,
    "team": "",
    "role": "Editor",
    "permission": 2,
    "permissionName": "Edit",
    "uid": "",
    "title": "",
    "slug": "",
    "isFolder": false,
    "url": ""
  }
]

```

Status Codes:

- **200** - Ok
- **401** - Unauthorized
- **403** - Access denied
- **404** - Folder not found

## Update permissions for a folder

POST /api/folders/:uid/permissions

Updates permissions for a folder. This operation will remove existing permissions if they're not included in the request.

**Example request:**

```

POST /api/folders/nErXDvCkzz/permissions
Accept: application/json
Content-Type: application/json
Authorization: Bearer eyJrIjoiT0tTcGlpU1Y2RnVKZTFVaDFsNFZXdE9ZWmNrMkZYbk
{
  "items": [
    {
      "role": "Viewer",
      "permission": 1
    }
  ]
}

```

```
    },
    {
      "role": "Editor",
      "permission": 2
    },
    {
      "teamId": 1,
      "permission": 1
    },
    {
      "userId": 11,
      "permission": 4
    }
  ]
}
```

JSON body schema:

- **items** - The permission items to add/update. Items that are omitted from the list will be removed.

**Example response:**

```
HTTP/1.1 200 OK
Content-Type: application/json; charset=UTF-8
Content-Length: 35

{"message":"Folder permissions updated","id":1,"title":"Department ABC"}
```

Status Codes:

- **200** - Ok
- **401** - Unauthorized
- **403** - Access denied
- **404** - Dashboard not found