Folder Permissions API

- Get permissions for a folder
- Update permissions for a folder

{{< docs/shared lookup="developers/deprecated-apis.md" source="grafana" version="<GRAFANA_VERSION>" >}}

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

> If you are running Grafana Enterprise, for some endpoints you'll need to have specific permissions. Refer to Role-based access control permissions for more information.

Get permissions for a folder

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

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

Required permissions

See note in the introduction for an explanation.

Action	Scope
`folders.permissions:read`	`folders:*`

Example request:

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

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.

Required permissions

See note in the introduction for an explanation.

Action	Scope
`folders.permissions:write`	`folders:*`

Example request:

```
POST /api/folders/nErXDvCkzz/permissions
Accept: application/json
Content-Type: application/json
Authorization: Bearer <SERVICE_ACCOUNT_TOKEN>
{
  "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

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