+++ title = "HTTP Snapshot API" description = "Grafana HTTP API" keywords = ["grafana", "http", "documentation", "api", "snapshot"] aliases = ["/docs/grafana/latest/http_api/snapshot/"] +++

Snapshot API

Create new snapshot

POST /api/snapshots

Example Request:

```
POST /api/snapshots HTTP/1.1
Accept: application/json
Content-Type: application/json
Authorization: Bearer eyJrIjoiT0tTcG1pUlY2RnVKZTFVaDFsNFZXdE9ZWmNrMkZYbk

{
  "dashboard": {
    "editable":false,
    "hideControls":true,
    "nav":[
    {
      "enable":false,
    "type":"timepicker"
    }
    ],
    "rows": [
      {

      }
    ],
    "style":"dark",
    "tags":[],
    "templating":{
      "list":[
      ]
    },
    "time":{
    },
    "timezone":"browser",
    "title":"Home",
    "version":5
    },
  "expires": 3600
}
```

JSON Body schema:

- **dashboard** – Required. The complete dashboard model.
- **name** – Optional. snapshot name
- **expires** - Optional. When the snapshot should expire in seconds. 3600 is 1 hour, 86400 is 1 day. Default is never to expire.
- **external** - Optional. Save the snapshot on an external server rather than locally. Default is `false`.
- **key** - Optional. Define the unique key. Required if **external** is `true`.
- **deleteKey** - Optional. Unique key used to delete the snapshot. It is different from the **key** so that only the creator can delete the snapshot. Required if **external** is `true`.

   Note: When creating a snapshot using the API, you have to provide the full dashboard payload including the snapshot data. This endpoint is designed for the Grafana UI.

Example Response:

```
HTTP/1.1 200
Content-Type: application/json
{
  "deleteKey":"XXXXXXX",
  "deleteUrl":"myurl/api/snapshots-delete/XXXXXXX",
  "key":"YYYYYYY",
  "url":"myurl/dashboard/snapshot/YYYYYYY",
  "id": 1
}
```

Keys:

- **deleteKey** – Key generated to delete the snapshot
- **key** – Key generated to share the dashboard

Get list of Snapshots

GET /api/dashboard/snapshots

Query parameters:

- **query** – Search Query
- **limit** – Limit the number of returned results

Example Request:

```
GET /api/dashboard/snapshots HTTP/1.1
Accept: application/json
Authorization: Bearer eyJrIjoiTOtTcG1pUlY2RnVKZTFVaDFsNFZXdE9ZWmNrMkZYbk
```

Example Response:

```
HTTP/1.1 200
Content-Type: application/json

[
  {
    "id":8,
    "name":"Home",
    "key":"YYYYYYYY",
    "orgId":1,
    "userId":1,
    "external":false,
    "externalUrl":"",
    "expires":"2200-13-32T25:23:23+02:00",
    "created":"2200-13-32T28:24:23+02:00",
    "updated":"2200-13-32T28:24:23+02:00"
  }
]
```

Get Snapshot by Key

```
GET /api/snapshots/:key
```

Example Request:

```
GET /api/snapshots/YYYYYYYY HTTP/1.1
Accept: application/json
Authorization: Bearer eyJrIjoiT0tTcG1pUlY2RnVKZTFVaDFsNFZXdE9ZWmNrMkZYbk
```

Example Response:

```
HTTP/1.1 200
Content-Type: application/json

{
  "meta":{
    "isSnapshot":true,
    "type":"snapshot",
    "canSave":false,
    "canEdit":false,
    "canStar":false,
    "slug":"",
    "expires":"2200-13-32T25:23:23+02:00",
    "created":"2200-13-32T28:24:23+02:00"
  },
  "dashboard": {
    "editable":false,
    "hideControls":true,
    "nav": [
```

```
    {
      "enable":false,
      "type":"timepicker"
    }
  ],
  "rows": [
    {

    }
  ],
  "style":"dark",
  "tags":[],
  "templating":{
    "list":[
    ]
  },
  "time":{
  },
  "timezone":"browser",
  "title":"Home",
  "version":5
  }
}
```

Delete Snapshot by Key

DELETE /api/snapshots/:key

Example Request:

```
DELETE /api/snapshots/YYYYYYY HTTP/1.1
Accept: application/json
Authorization: Bearer eyJrIjoiT0tTcG1pUlY2RnVKZTFVaDFsNFZXdE9ZWmNrMkZYbk
```

Example Response:

```
HTTP/1.1 200
Content-Type: application/json

{"message":"Snapshot deleted. It might take an hour before it's cleared from any CDN caches.
```

Delete Snapshot by deleteKey

This API call can be used without authentication by using the secret delete key
for the snapshot.

GET /api/snapshots-delete/:deleteKey

Example Request:

```
GET /api/snapshots-delete/XXXXXXX HTTP/1.1
Accept: application/json
```

Example Response:

```
HTTP/1.1 200
Content-Type: application/json

{"message":"Snapshot deleted. It might take an hour before it's cleared from any CDN caches.
```