

# REST API Change Log

On this page

- [Format Change](#)
  - [Additional JSON syntax compliance](#)
  - [Change in the character set in an HTTP header](#)
  - [Open API 3.0](#)
- [New data type](#)
  - [ProtectedObjectAccessible](#)
- [Changes in data types](#)
  - [ProtectedObject](#)
  - [UserGroup](#)
  - [LDAP Resync](#)

## Format Change

### Additional JSON syntax compliance

Due to the change in the JSON library, REST API accepts only the standard JSON syntax. One of the major changes is that a trailing comma after the last member is not valid. For example:

#### An invalid trailing comma used after the last member

```
"kerml:esiData": {
  "owningPackage": {
    "@id": "b296eaf8-346d-4f05-96aa-6ed8c061b4e1"
  },
  "name": "testBranchElement",      //non-compliant
}
```

#### Valid comma usage

```
"kerml:esiData": {
  "owningPackage": {
    "@id": "b296eaf8-346d-4f05-96aa-6ed8c061b4e1"
  },
  "name": "testBranchElement"
}
```

### Change in the character set in an HTTP header

The **Content** type in an HTTP response header does not contain a character set.

2021xR1	2021xR2
Content type: application/json; <b>charset=UTF-8</b>	Content type: application/json (no charset)

### Open API 3.0

The REST API specification returned from */osmc/manual* is in the Open API 3.0 specification format. The specification is at <https://swagger.io/specification/>. The table below shows the major differences between Open API 2.0 and 3.0.

Item	Swagger 2.0 (Open API 2.0)	Open API 3.0
Schema	#/definitions	#/components/schemas
Parameter in a request body	In the <i>parameters</i> attribute that <i>in = body</i> .	A separated <i>requestBody</i> attribute.
MIME type of a request body	Located in the <i>consumes</i> attribute.	Located in <i>requestBody/content/&lt;MIME_type&gt;</i> .
Type of parameter (except request body)	Located in the <i>type</i> attribute.	Located in the <i>schema</i> attribute.
Response type	Located in the <i>produces</i> attribute.	Located in <i>attribute responses/&lt;status number&gt;/&lt;MIME_type&gt;</i> .

## New data type

### ProtectedObjectAccessible

Type: ENUM

Name	Remark
MANAGEABLE	The protected object can be managed by the caller.
UNFILTER	The filter parameter is not specified.
VISIBLE	The protected object can only be visible (but not manageable) by the caller.

## Changes in data types

### ProtectedObject

Name	Type	Status	Remark
access	ProtectedObjectAccessible	Added	A condition of this protected object.
containerId	UUID	Added	A UUID of its parent.

Affected URLs:

- /admin/usergroups/{userGroupId}
- /admin/usergroups/{userGroupId}/roles
- /admin/users/{username}
- /admin/users/{username}/roles

### UserGroup

Name	Type	Status	Remark
createdDate	long	Added	Timestamp
modifiedDate	long	Added	Timestamp

Affected URL:

- /admin/usergroups/{userGroupId}

### LDAP Resync

Name	Type	Status	Remark
lastLoginDate	long	Type changed	From <b>String</b> to <b>timestamp</b> .

Affected URL:

- /admin/ldaps/{ldapId}/resync