



REST API returns a negative value for space.available on the volume

https://kb-stage.netapp.com/on-prem/ontap/Ontap_OS/OS-KBs/REST_API_returns_a_negative_value_...

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Applies to

- ONTAP 9
- REST API

Issue

- ONTAP System Manager shows negative value as a volume size
- The REST API `/api/storage/volumes?name=vol1&fields=space` returns a negative value for `space.available` on a specific volume which has space available

```
{  
  "records": [  
    {
```

```

"uuid": "a12345xx-x12x-123d-1234-x1x123xx12xx",
"name": "vol1",
"space": {
"size": 57174604644352,
"available": -9709504753664, (<-- negative value)
"used": 58307918704640,
.....
}},
"_links": {
"self": {
"href": "/api/storage/volumes/a12345xx-x12x-123d-1234-x1x123xx12xx"
}},
"num_records": 1,
"_links": {
"self": {
"href": "/api/storage/volumes?name=vol1&fields=space"
}}

```

- ONTAP CLI `volume show` command shows correct value

```

netapp::> vol show vol1 -instance

Vserver Name: svml
Volume Name: vol1
Aggregate Name: aggr06
List of Aggregates for FlexGroup Constituents: aggr06
Encryption Type: none
List of Nodes Hosting the Volume: netapp-1
Volume Size: 52TB
.....
Comment:
Available Size: 2.47TB
Filesystem Size: 52TB
Total User-Visible Size: 44.20TB
Used Size: 41.73TB
Used Percentage: 94%
.....

```

Note: issue might be seen on tools using ONTAP REST API such as: System Manager, Active IQ Unified Manager etc.