

## Feature: Export and Import Realm

### User Story

As an Administrator, I want to quickly configure the multi-site on the second cluster by leveraging the first cluster's multi-site configuration (import/export).

RED HAT CEPH STORAGE DASHBOARD
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Dashboard Cluster Pools Block Filesystems **Object Gateway**

Object Gateway >> Multi-site Cluster 1

+ Add ← 1

↻ [Expand All](#) [Collapse All](#)

Edit  
Rename  
Export  
Import  
Delete

### Topology Viewer

name (realm) ← 2

- zone\_group\_1 (zonegroup) master
- zone\_11 (zone) master
- zone\_12 (zone)
- ▼ zonegroup\_2 (zonegroup)
  - zone\_21 (zone) master
  - zone\_22 (zone)
- ▶ realm2 (realm)

Details

realm	realm_name
id	###
default	Yes
realm attrib	realm value

**Notes**

**Export Realm Workflow**

1 Actions (for realm, zonegroup, and zone)

- Add
- Edit
- Rename
- Export ("radosgw admin <realm | zonegroup | zone> get")
- Import ("radosgw admin <realm | zonegroup | zone> set")
- Delete

• Note: For Add and Import, no object selection on the topology viewer is needed. However, for all other actions, User has to click on an object (i.e. realm, zonegroup, or zone) before clicking on action (i.e. Edit, Rename, Export, Delete)

2 Export for a realm is a little different vs. export zonegroup/zone.

ceph

English

Dashboard Cluster Pools Block NFS Filesystems Object Gateway

Object Gateway >> Multi-site >> Export Cluster 1

### Export Realm

Shows a file (JSON?) containing what you would get from "radosgw-admin realm get --rgw-realm <realm\_name>":

- cluster system access key
- cluster system secret key
- cluster master zone group endpoint

Note: This file would then be used for importing the realm on another cluster.

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### Notes

#### Export Realm Page

- generates a file containing the relevant information needed (to do the import/pull in a different cluster's Ceph Dashboard), which can be downloaded.
- Alternatively, user can view this information and cut-n-paste to the other cluster's Ceph Dashboard instance.