

ceph

English

Dashboard Cluster Pools Block NFS Filesystems Object Gateway

Object Gateway >> Multi-site

Cluster 2

+ Add

- Edit
- Rename
- Export
- Import
- Delete

Topology Viewer

Import button selected.

ceph

English

Dashboard Cluster Pools Block NFS Filesystems Object Gateway

Object Gateway >> Multi-site Cluster 2

Blank Slate Image Placeholder

Multi-site not yet configured. We'll put some useful information about what user should do or what the feature is about and let user know they can either add or import the multi-site configuration.

Learn more about this at [Ceph Documentation](#).

Add Multi-site Configuration Import Multi-site Configuration

1

Notes

Blank Slate if no multi-site configuration exists

- If there are no realms, zonegroups, zones to show, a blank slate is shown.

- 1 Add Multi-site Configuration** - allows user to add a multi-site configuration.
- 2 Import Multi-site Configuration** - allows user to add a multi-site configuration through importing a configuration from another cluster (which has an existing multi-site configuration.)
 - Note: user would have to have done an export from the other cluster first.

ceph

English

Dashboard Cluster Pools Block NFS Filesystems Object Gateway

Object Gateway >> Multi-site >> Import

Cluster 2

Realm 1 — Zones 2 — Review 3

Import Realm

Specify pull configuration to import from

Endpoint *

Access Key *

Secret Key *

Upload Import File

File *

Notes

Import Realm Workflow Step 1: Add pull configuration information


- Specifying the pull config or Import File will pull the realm configuration from a different cluster along with the zonegroup and master zone.
- Assumes default zonegroup and default zone don't exist.

ceph

English

Dashboard Cluster Pools Block NFS Filesystems Object Gateway

Object Gateway >> Multi-site >> Import Cluster 2

 Default zonegroup and default zone exists. Be sure to delete the default zonegroup and default zone first before performing Import. **1**

Import Realm

Specify pull configuration to import from

Endpoint *

Access Key *

Secret Key *

Upload Import File

File Name *

Notes

Import Realm Workflow Step 1: Add pull configuration information

Warning message shown if default zonegroup and default zone exists

- Specifying the pull config or Import File will pull the realm configuration from a different cluster along with the zonegroup and master zone.

1 If default zonegroup and default zone exist, it forces user to delete the default zonegroup and default zone first, and the "Add Zones" button is disabled.

English

Cluster 2

Object Gateway >> Multi-site >> Import

1

2

3

Add Zone

Zonegroup *

-- Select a zonegroup --

⌵

Name *

Name...

Default

Zone Type *

-- Select a zone type --

⌵

Endpoints *

e.g., http://fqdn, http://ceph-node1.example.com:80

<< Import Realm
Add Another Zone
Review >>
Cancel

Notes

Import Realm Workflow
Step 2: Add additional (local) zones - No placement target and no storage class

- Specifying the pull config or Import File will pull the realm configuration from a different cluster along with the zonegroup and master zone.
- This allows user to add additional zones.

1 Zone Type options (only for when additional zones get added) include:

- default (standard zone)
- archive (Archive sync tier type); Archive is a new feature introduced in Nautilus.
- By including an archive zone in a multizone configuration, it allows you to have the flexibility of an S3 object history in only one zone while saving the space that the replicas of the versioned S3 objects would consume in the rest of the zones.
- http://docs.ceph.com/docs/master/ra_dosgw/archive-sync-module/

ceph

Dashboard Cluster Pools Block NFS Filesystems Object Gateway

Object Gateway >> Multi-site >> Import Cluster 2

1 Realm 2 Zones 3 Review

Add Zone

Zonegroup * -- Select a zonegroup --

Name * Name... Default

Zone Type * -- Select a zone type -- ← 1

Endpoints * e.g., http://fqdn, http://ceph-node1.example.com:80

Placement targets ← 2

Placement target * placement target from previous step

Use existing pools or add new pools + Add Pool

Data pool * e.g., default.rgw temporary.data

Index pool * default.rgw temporary.index

Data extra pool * default.rgw temporary.non-ec

Scroll down (see mockup on next page)
↓

<< Import Realm
Add Another Zone
Review >>
Cancel
↓

Notes

**Import Realm Workflow
Step 2: Add additional (local) zones (IF imported zonegroup contained placement target(s) and storage class(es))**

- Specifying the pull config or Import File will pull the realm configuration from a different cluster along with the zonegroup and master zone.
- This allows user to add additional zones.

- 1** Zone Type options (only for when additional zones get added) include:
- default (standard zone)
 - archive (Archive sync tier type); Archive is a new feature introduced in Nautilus.
 - By including an archive zone in a multizone configuration, it allows you to have the flexibility of an S3 object history in only one zone while saving the space that the replicas of the versioned S3 objects would consume in the rest of the zones.
 - <http://docs.ceph.com/docs/master/radosgw/archive-sync-module/>

- 2** Placement targets section appears for every previously configured placement target in the zonegroup, and only on local zones.

ceph

English

Dashboard Cluster Pools Block NFS Filesystems Object Gateway

Object Gateway >> Multi-site >> Import Cluster 2

Realm 1 Zones 2 Review 3

Add Zone

Continuation from previous mockup / page

Placement targets ← 1

Placement target *

Use existing pools or add new pools

Data pool *

Index pool *

Data extra pool *

Storage classes ← 2

Storage class *

Use existing pool or add new pool

Data pool *

<< Import Realm Add Another Zone **Review >>** Cancel

Notes

Import Realm Workflow Step 2: Add additional (local) zones (IF imported zonegroup contained placement target(s) and storage class(es))

- Specifying the pull config or Import File will pull the realm configuration from a different cluster along with the zonegroup and master zone.
- This allows user to add additional zones.

1 Placement targets section appears for every previously configured placement target in the zonegroup, and only on local zones.

2 Storage class section appears for every previously configured placement target in the zonegroup, and only on local zones.

ceph

English

Dashboard Cluster Pools Block NFS Filesystems Object Gateway

Object Gateway >> Multi-site >> Import Cluster 2

Realm 1 — Zones 2 — Review 3

Review

Realm

Endpoint *

Access Key *

Secret Key *

Zones to be added

Name *

Default

Zone Type *

Endpoints *

Placement targets

Placement target *

Data pool *

⋮ Shows all remaining configured parameters from the previous step that you have to scroll down to see.

<< Edit Zones **Import Realm >>** Cancel

Notes

Import Realm Workflow
Step 3: Review step