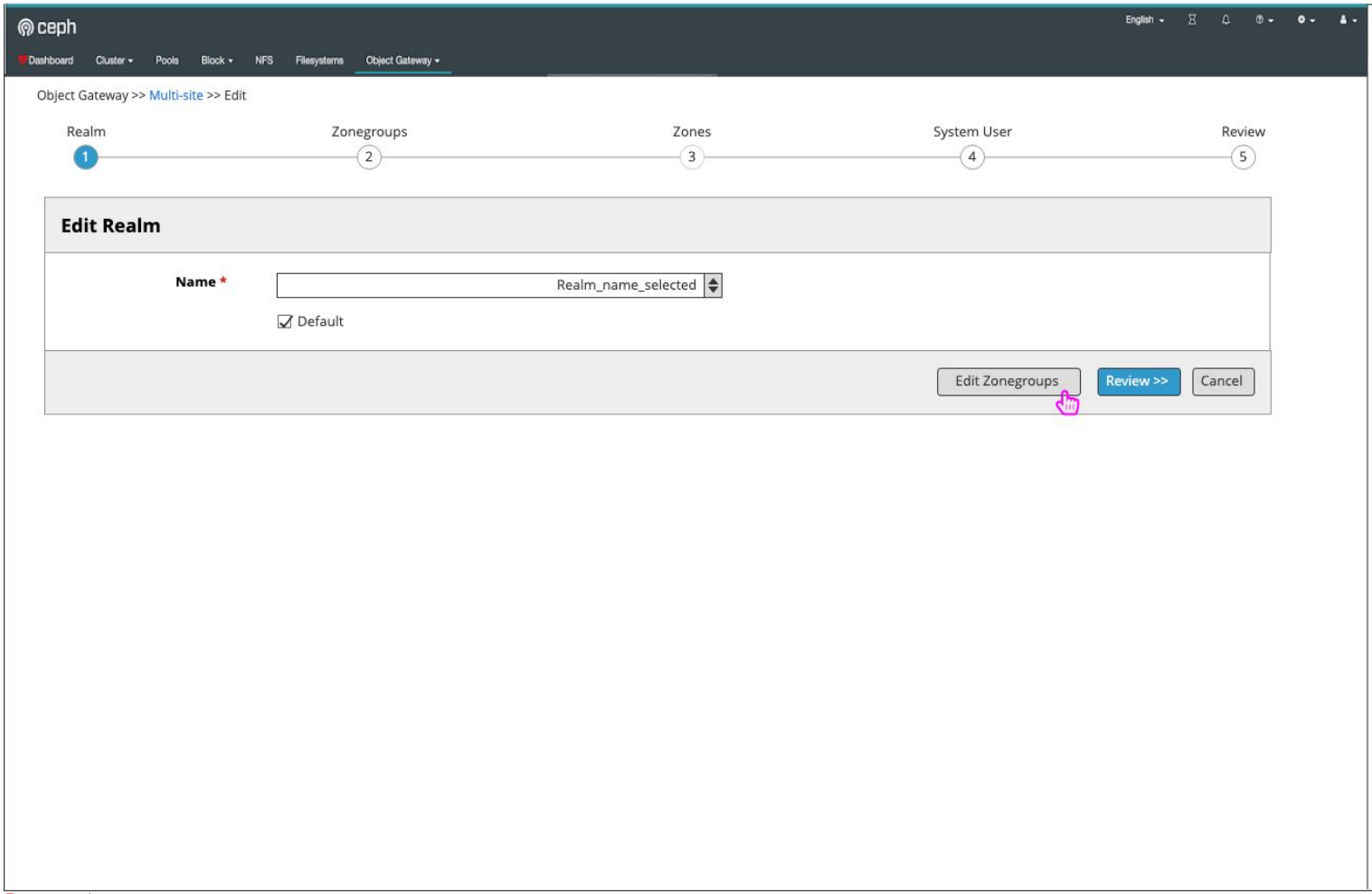
Feature: CRUD zone

(covers placement targets and storage classes)

User Story

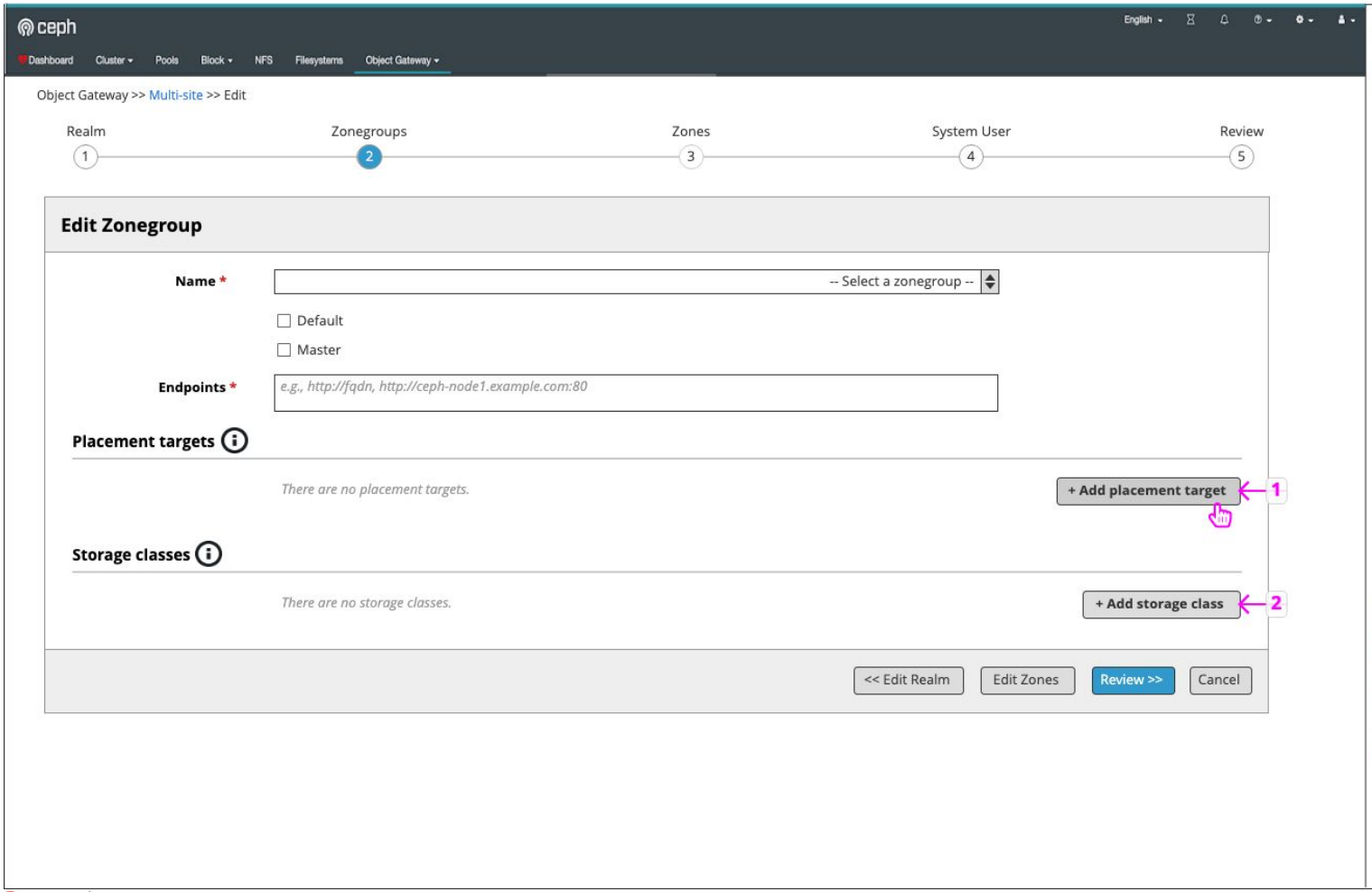
As an Administrator, I want to be able to specify placement targets and storage classes on my local zone (edit).



Notes

Edit Multi-site Configuration workflow
Step 1 - Edit Realm

- Workflow for editing a multi-site configuration.
- Triggered by user selecting the "Edit" action previously.



Notes

Edit Multi-site Configuration workflow
Step 2 - Edit Zonegroups

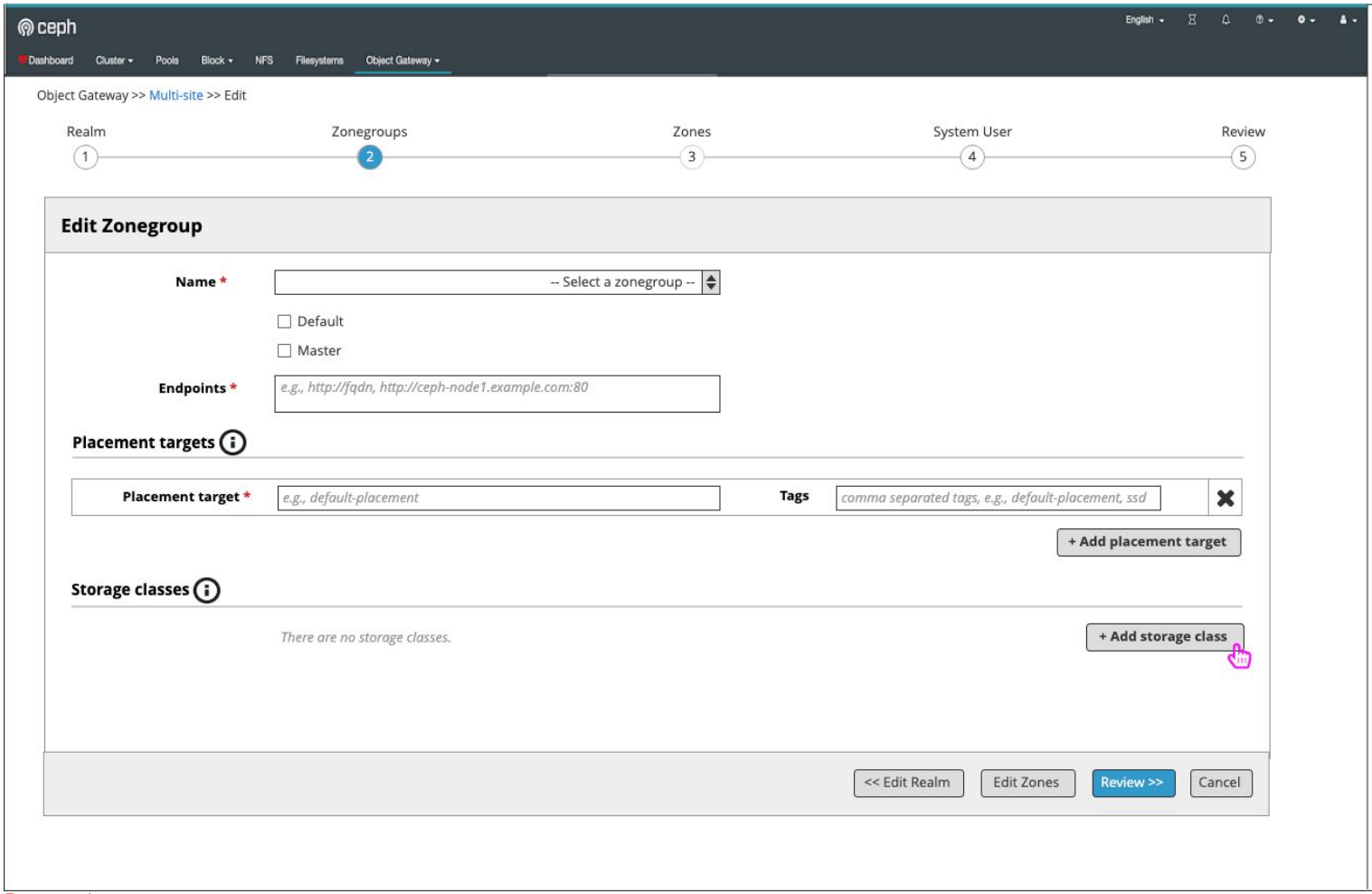
- The Placement target and storage class are not part of the Add workflow (but will appear in the Edit workflow).
- Placement targets -- introduced in Jewel -- control which Pools are associated with a particular bucket. A bucket's placement target is selected on creation, and cannot be modified. The radosgw-admin bucket stats command will display its placement_rule.
- Storage classes -- introduced in Nautilus -- are used to customize the placement of object data. S3 Bucket Lifecycle rules can automate the transition of objects between storage classes.
- See http://docs.ceph.com/docs/master/radosgw/placement/ for more information regarding Placement target and storage class.

1 To add 1 or more placement targets, user clicks on "Add placement target" button.

2 To add 1 or more placement targets, user clicks on "Add storage class" button.

Infotips

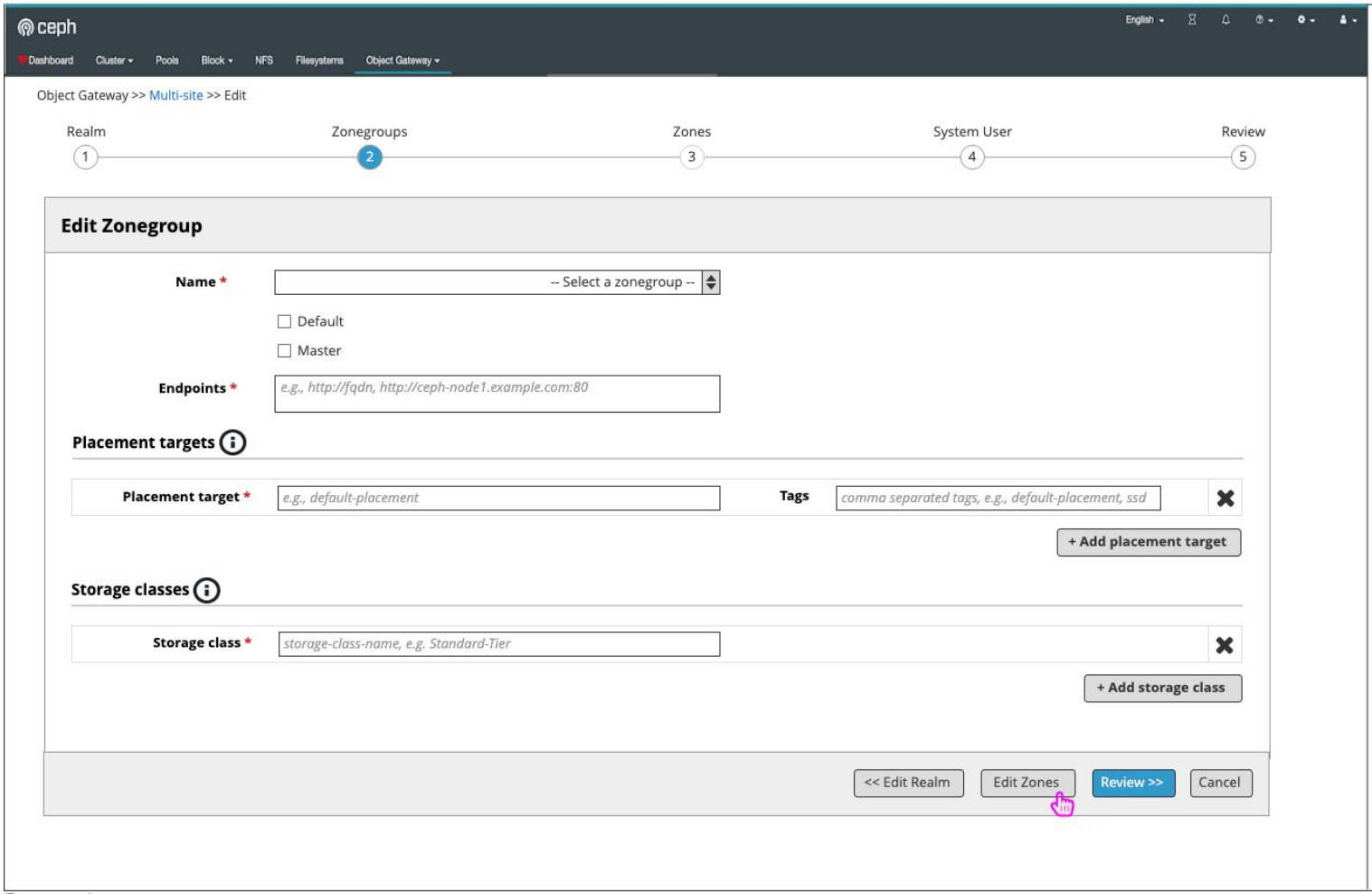
- Placement targets control which Pools are associated with a particular bucket.
- Storage classes are used to customize the placement of object data.



Notes

Edit Multi-site Configuration workflow
Step 2 - Edit Zonegroups
Add Placement Target

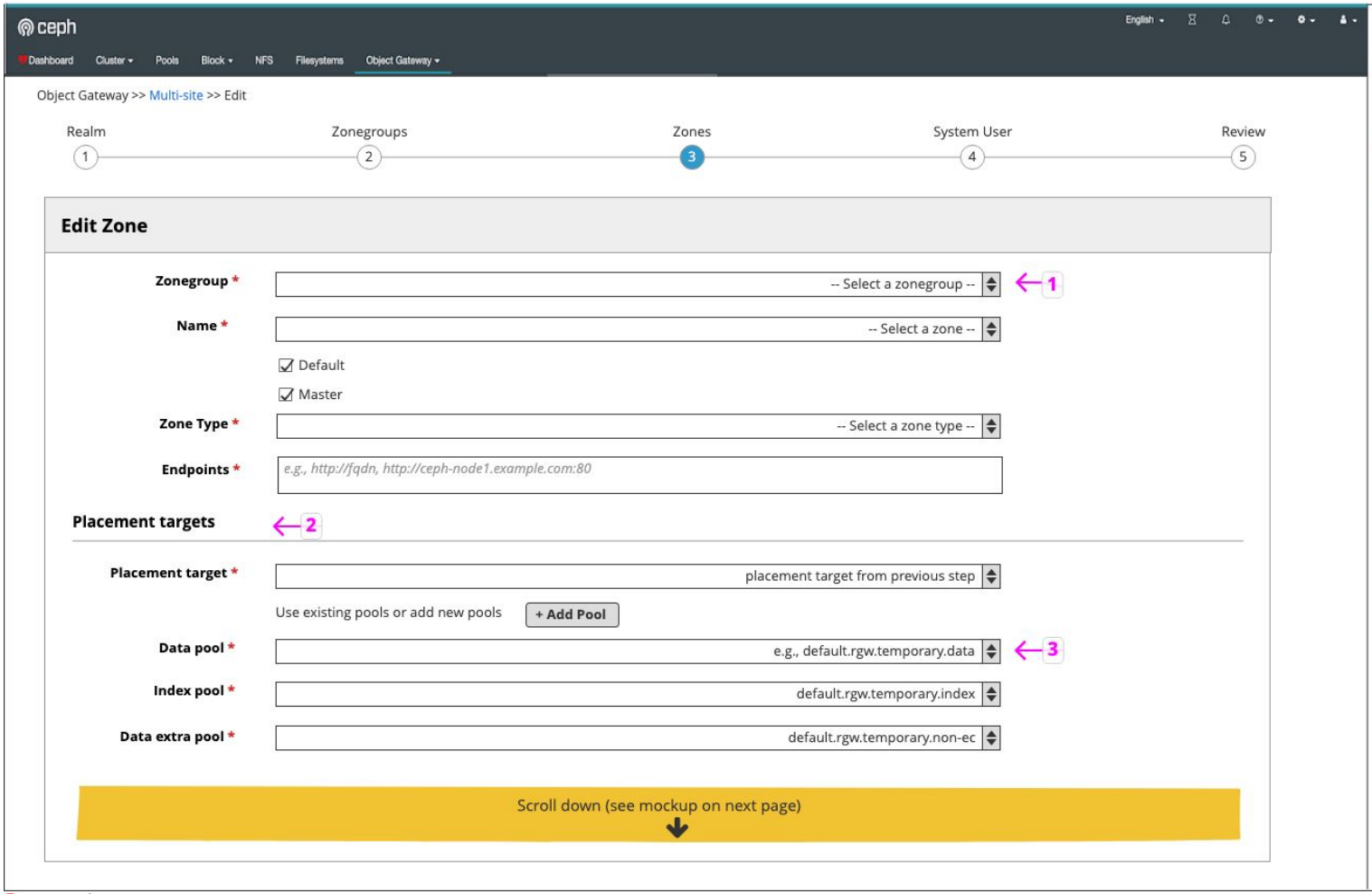
- Placement target added.



Notes

Edit Multi-site Configuration workflow
Step 2 - Edit Zonegroups
Add Storage Class

- Storage class added.



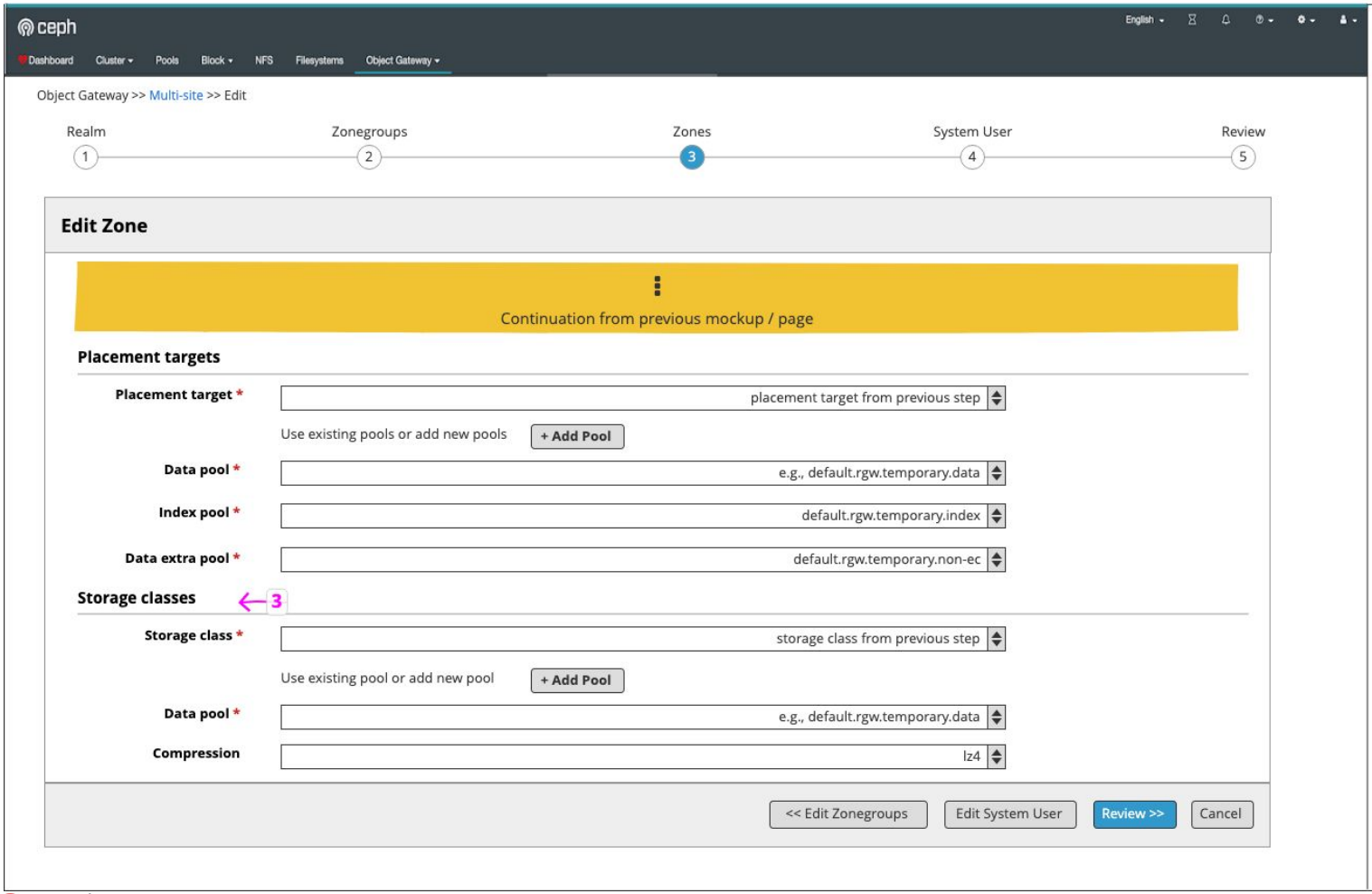
Notes

Edit Multi-site Configuration workflow
Step 3 - Edit Zones
Configure Placement Target

1 Zonegroup would be selected based on previous selection.

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

3 Default to the zone prefix pool whenever possible, i.e. if zone already exists.



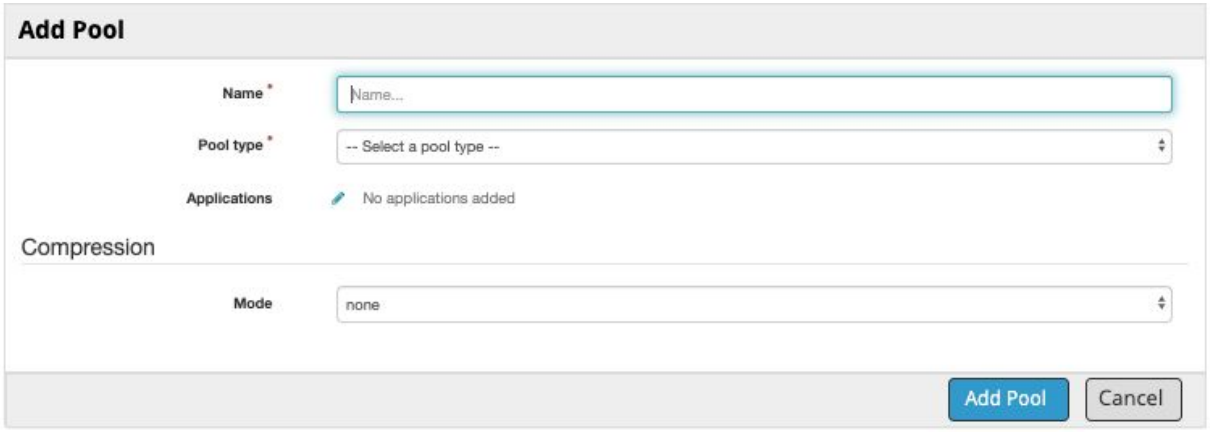
Notes

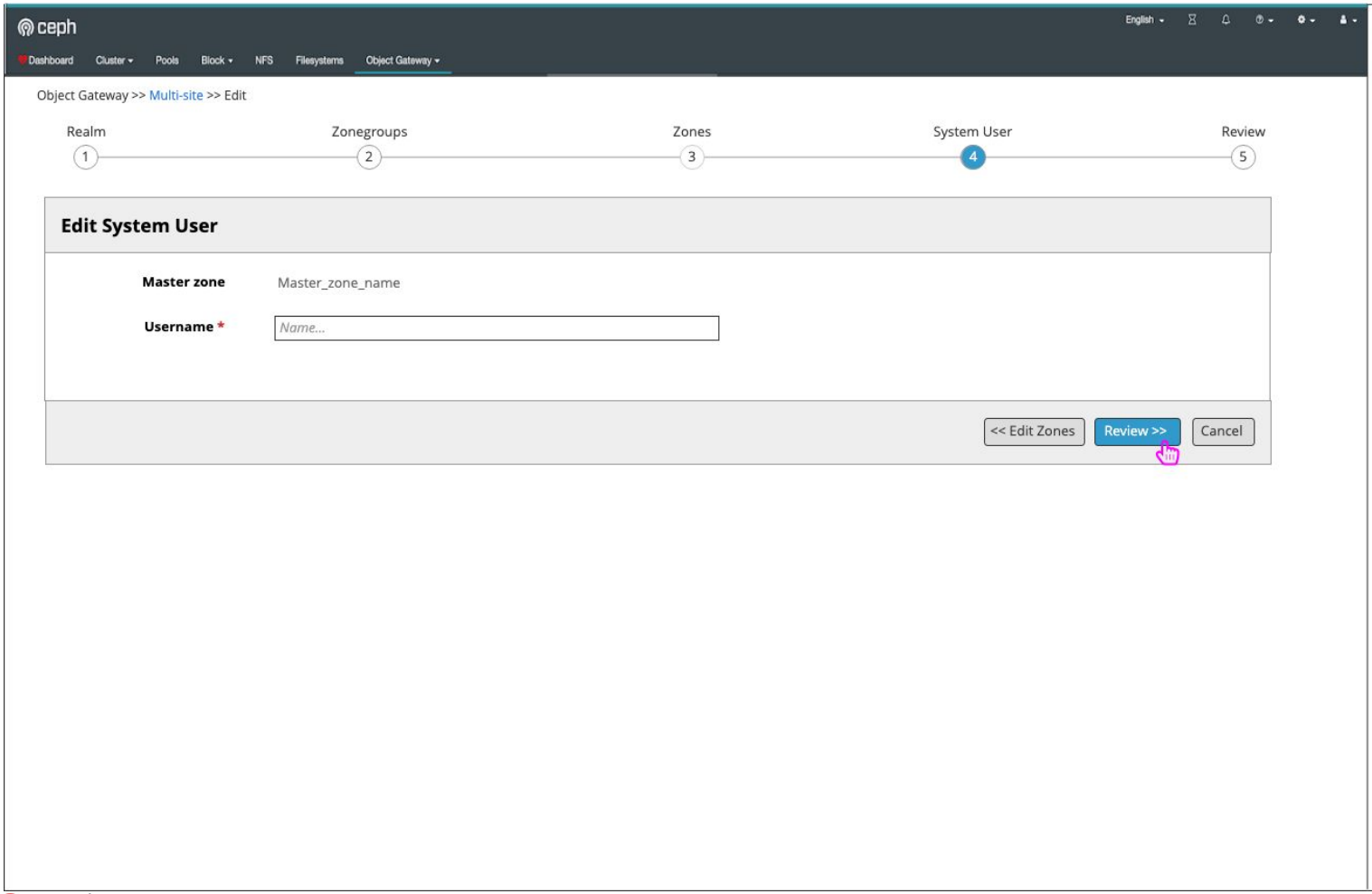
Edit Multi-site Configuration workflow
Step 3 - Edit Zones
Configure Storage Class

- The storage class compression is not the same as the pool compression (which is bluestore compression).

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

Add Pool Modal

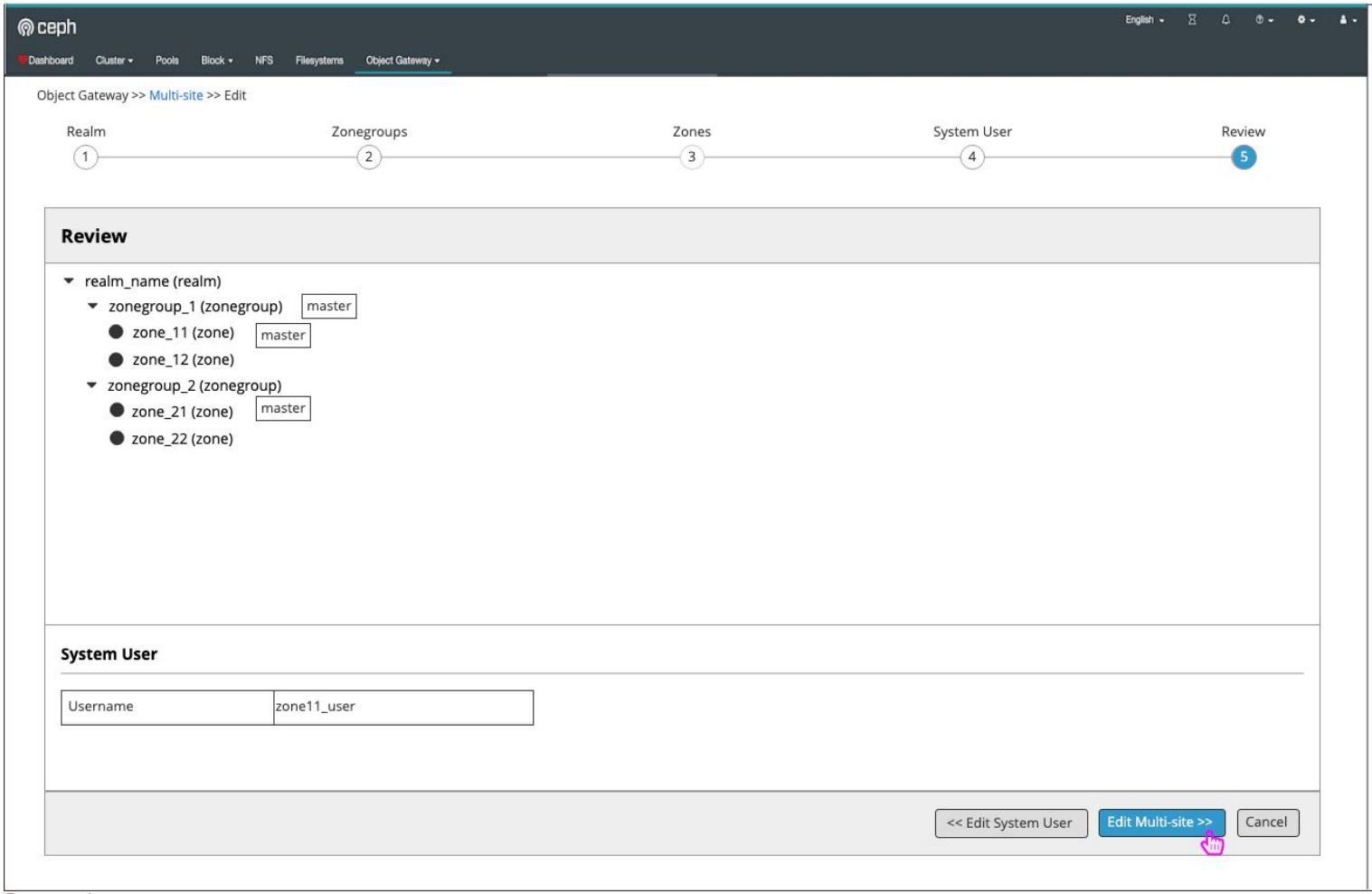




Notes

Edit Multi-site Configuration workflow
Step 4 - Edit System User

- Edits system user that is associated to the master zone.



Notes

Edit Multi-site Configuration workflow
Step 5 - Review Edits

- Note: If user selects any item on the tree, the details will appear on the right-side.