

```
[student@workstation ~]$ ssh admin@serverc
[admin@serverc ~]$ sudo cephadm shell
[ceph: root@serverc /]#
```

- 1.2. Create a realm called `cl260`. Set the realm as default.

```
[ceph: root@serverc /]# radosgw-admin realm create --rgw-realm=cl260 --default
{
  "id": "8ea5596f-e2bb-4ac5-8fc8-9122de311e26",
  "name": "cl260",
  "current_period": "75c34edd-428f-4c7f-a150-6236bf6102db",
  "epoch": 1
}
```

- 1.3. Create a zonegroup called `classroom`. Configure the `classroom` zonegroup with an endpoint on the `serverc` node. Set the `classroom` zonegroup as the default.

```
[ceph: root@serverc /]# radosgw-admin zonegroup create --rgw-zonegroup=classroom \
--endpoints=http://serverc:80 --master --default
{
  "id": "2b1495f8-5ac3-4ec5-897e-ae5e0923d0b9",
  "name": "classroom",
  "api_name": "classroom",
  "is_master": "true",
  "endpoints": [
    "http://serverc:80"
  ],
  ...output omitted...
```

- 1.4. Create a master zone called `main`. Configure the zone with an endpoint pointing to `http://serverc:80`. Use `replication` as the access key and `secret` as the secret key. Set the `main` zone as the default.

```
[ceph: root@serverc /]# radosgw-admin zone create --rgw-zonegroup=classroom \
--rgw-zone=main --endpoints=http://serverc:80 --access-key=replication \
--secret=secret --master --default
{
  "id": "b50c6d11-6ab6-4a3e-9fb6-286798ba950d",
  "name": "main",
  ...output omitted...
  "system_key": {
    "access_key": "replication",
    "secret_key": "secret"
  }
  ...output omitted...
  "realm_id": "8ea5596f-e2bb-4ac5-8fc8-9122de311e26",
  "notif_pool": "main.rgw.log:notif"
}
```

- 1.5. Create a system user called `repl.user` to access the zone pools. The keys for the `repl.user` user must match the keys configured for the zone.