

```

-1      0.04898 root default
-3      0.00980      host serverc
 0 hdd 0.00980      osd.0          up 1.00000 1.00000
-5      0.00980      host serverd
 5 hdd 0.00980      osd.5          up 1.00000 1.00000
-7      0.02939      host servere
 6 hdd 0.00980      osd.6          up 1.00000 1.00000
 7 hdd 0.00980      osd.7          up 1.00000 1.00000
 8 hdd 0.00980      osd.8          up 1.00000 1.00000

```

2. Add a CRUSH rule called `replicated1` of type `replicated`. Set the root to `review-cl260` and the failure domain to `datacenter`.

2.1. Use the `ceph osd crush rule create-replicated` command to create the rule.

```
[ceph: root@clienta /]# ceph osd crush rule create-replicated replicated1 \
review-cl260 datacenter
```

2.2. Verify that the `replicated1` CRUSH rule was created correctly. Record the CRUSH rule ID, it might be different in your lab environment.

```
[ceph: root@clienta /]# ceph osd crush rule dump | grep -B2 -A 20 replicated1
{
  "rule_id": 1,
  "rule_name": "replicated1",
  "ruleset": 1,
  "type": 1,
  "min_size": 1,
  "max_size": 10,
  "steps": [
    {
      "op": "take",
      "item": -9,
      "item_name": "review-cl260"
    },
    {
      "op": "chooseleaf_firstn",
      "num": 0,
      "type": "datacenter"
    },
    {
      "op": "emit"
    }
  ]
}
```

3. Create a new replicated pool called `reviewpool` with 64 PGs that use the new CRUSH rule from the previous step.

3.1. Create the pool.