

```
[ceph: root@node /]# radosgw-admin quota set --quota-scope=bucket \
--uid=loghistory --max-objects=1024B
[ceph: root@node /]# radosgw-admin quota enable --quota-scope=bucket
--uid=loghistory
```

Global quotas affect all buckets in the cluster.

```
[ceph: root@node /]# radosgw-admin global quota set --quota-scope bucket \
--max-objects 2048
[ceph: root@node /]# radosgw-admin global quota enable --quota-scope bucket
```

To be implemented in a zone and period configuration, use the `radosgw-admin period update --commit` command to commit the change. Alternately, restart the RGW instances to implement the quota.

Use the following commands to retrieve user information and statistics:

| Action                     | Command  |
|----------------------------|--|
| Retrieve user information. | <code>radosgw-admin user info --uid=<i>uid</i></code>  |
| Retrieve user statistics.  | <code>radosgw-admin user stats --uid=<i>uid</i></code> |

Storage administrators monitor usage statistics to determine the storage consumption or user bandwidth usage. Monitoring can also help find inactive applications or inappropriate user quotas.

Use the `radosgw-admin user stats` and `radosgw-admin user info` commands to view user information and statistics.

```
[ceph: root@node /]# radosgw-admin user info --uid=uid
[ceph: root@node /]# radosgw-admin user stats --uid=uid
```

Use the `radosgw-admin usage show` command to show the usage statistics of a user between specific dates.

```
[ceph: root@node /]# radosgw-admin usage show --uid=uid --start-date=start
--end-date=end
```

View the statistics for all users by using the `radosgw-admin usage show` command. Use these overall statistics to help understand object storage patterns and plan the deployment of new instances for scaling the RADOS gateway service.

```
[ceph: root@node /]# radosgw-admin usage show --show-log-entries=false
```

## Accessing S3 Objects Using RADOS Gateway

The Amazon S3 API supports several bucket URL formats, including either `http://server.example.com/bucket/` or `http://bucket.server.example.com/`. Some clients, such as the `s3cmd` command, only support the second URL format. RADOS Gateway does not enable this format by default. To enable the second URL format, set the `rgw_dns_name` parameter for your DNS suffix.