```
            "secret_key": "MFVxrGNMBjKOO7JscLFbEyrEmJFnLl43PHSswpLC"
        },
        {
            "user": "s3user",
            "access_key": "GPYJGPSONURDY7SG0LLO",
            "secret_key": "T7jcG5YgEqqPxWMkdCTBsY0DM3rgIOmqkmtjRlCX"
        }
    ...output omitted...
```

To remove an access key and related secret key from a user, use the `radosgw-admin key rm` command with the `--access-key` option. This is useful for removing single application access without impacting access with other keys.

```
[ceph: root@node /]# radosgw-admin key rm --uid=s3user \
  --access-key=8PI2D9ARWNGJI99K8TOS
{
    "keys": [
        {
            "user": "s3user",
            "access_key": "GPYJGPSONURDY7SG0LLO",
            "secret_key": "T7jcG5YgEqqPxWMkdCTBsY0DM3rgIOmqkmtjRlCX"
        }
```

Temporarily disable and enable RADOS Gateway users by using the `radosgw-admin user suspend` and `radosgw-admin user enable` commands. When suspended, a user's subusers are also suspended and unable to interact with the RADOS Gateway service.

You can modify user information such as email, display name, keys and access control level. The access control levels are: `read`, `write`, `readwrite`, and `full`. The `full` access level includes the `readwrite` level and the access control management capability.

```
[ceph: root@node /]# radosgw-admin user modify --uid=johndoe --access=full
```

To remove a user and also delete their objects and buckets, use the `--purge-data` option.

```
[ceph: root@node /]# radosgw-admin user rm --uid=s3user --purge-data
```

Set *quotas* to limit the amount of storage a user or bucket can consume. Set the quota parameters first, then enable the quota. To disable a quota, set a negative value for the quota parameter.

Bucket quotas apply to all buckets owned by a specific `UUID`, regardless of the user accessing or uploading to those buckets.

In this example, the quota for the `app1` user is set to a maximum of 1024 objects. The user quota is then enabled.

```
[ceph: root@node /]# radosgw-admin quota set --quota-scope=user --uid=app1 \
  --max-objects=1024
[ceph: root@node /]# radosgw-admin quota enable --quota-scope=user --uid=app1
```

Similarly, apply quotas to buckets by setting the `--quota-scope` option to `bucket`. In this example, the `loghistory` bucket is set for a maximum size of 1024 bytes.