This example creates the `formyapp1` user account, and grants the capability to store and retrieve objects from any pool:

```
[ceph: root@node /]# ceph auth get-or-create client.formyapp1 \
 mon 'allow r' osd 'allow rw'
```

Using Profiles to Set Capabilities

`cephx` offers predefined capability profiles. When creating user accounts, utilize profiles to simplify configuration of user access rights.

This example utilizes the `rbd` profile to define the access rights for the new `forrbd` user account. A client application can use this account for block-based access to Ceph storage using a RADOS Block Device.

```
[ceph: root@node /]# ceph auth get-or-create client.forrbd \
 mon 'profile rbd' osd 'profile rbd'
```

The `rbd-read-only` profile works the same way but grants read-only access. Ceph utilizes other existing profiles for internal communication between daemons. You cannot create your own profiles, Ceph defines them internally.

The following table lists Ceph capabilities on a default installation.

Capability	Description
`allow`	Precedes access settings for a daemon.
`r`	Gives the user read access. Required with monitors to retrieve the CRUSH map.
`w`	Gives the user write access to objects.
`x`	Gives the user the capability to call class methods (that is, both read and write) and to conduct authentication operations on monitors.
`class-read`	Gives the user the capability to call class read methods. Subset of x.
`class-write`	Gives the user the capability to call class write methods. Subset of x.
`*`	Gives the user read, write and execute permissions for a particular daemon or pool, and the ability to execute admin commands.
`profile osd`	Gives a user permissions to connect as an OSD to other OSDs or monitors. Conferred on OSDs to enable OSDs to handle replication heartbeat traffic and status reporting.
`profile bootstrap-osd`	Gives a user permissions to bootstrap an OSD, so that they have permissions to add keys when bootstrapping an OSD.
`profile rbd`	Gives a user read-write access to the Ceph Block Devices.
`profile rbd-read-only`	Gives a user read-only access to the Ceph Block Devices.