1.ORG ROLES

**VIEW ORGANIZATION**  $cf orgs

**VIEW ALL USERS IN ORGNAZINATION**

$cf org-users [ORG\_NAME]

**ASSIGN AN ORG ROLE**

$cf set-org-role [USERNAME][ORG\_ROLE]

**Example:cf set-org-role SomeUser SomeOrg OrgManager**

**<***Org roles: OrgManager, OrgDeveloper, OrgAuditor>*

**REMOVE AN ORG ROLE**

$cf unset-org-role [USERNAME][ORG\_ROLE]

2.APP SPACE ROLES

**VIEW SPACES IN AN ORG**  $cf spaces

**VIEW ALL USERS IN A SPACE**

$cf space-users [ORG\_NAME][SPACE\_NAME]

**ASSIGN A SPACE ROLE**

$cf set-space-role [USERNAME][ORG\_NAME] [SPACE\_NAME][ROLE]

**Example:cf set-space-role SomeUser SomeOrg SomeSpace SpaceManager**

**<***Space roles: SpaceManager, SpaceDeveloper, SpaceAuditor>*

**REMOVE SPACE ROLE**

$cf unset-space-role [USERNAME][ORG\_NAME] [SPACE\_NAME][ROLE]

3.GET DETAILED INFORMATION

**GET HEALTH STATUS OF AN APPLICATION**

cf app [APP\_Name]

*< This displays health metrics like cpu usage, memory…>*

**GET DETAILED INFORMATION OF A SPACE**

Cf space [SPACE\_NAME]

**GET DETAILED INFORMATION OF AN ORGNAZITION**

cf org [ORG-NAME]

4.USE CLOUD FOUNDRY REST API

**FIND ORGANIZATION GUID**

$cf curl /v2/organizations?q=name:[ORG\_NAME]

**FIND SPACE GUID**

$cf curl /v2/spaces?q=name:[SPACE\_NAMAE]

**FIND APP GUID**

$cf curl /v2/apps?q=name:[APP\_NAMAE]

*<This lists all the applications which have the given name. The app names are only identical in one space. >*

$cf curl /v2/spaces/[SPACE\_GUID]/apps?q=name:[APP\_NAME]

*<This lists the application with the given name in the given space.>*

**GET USED QUOTA OF ALL SPACES IN AN ORG**

$cf curl /v2/organizations/[ORG\_GUID]/summary