

## OPENSTACK REST API via CURL

### ##### AUTENTICAR E LISTAR CATALOGO #####

```
curl -s \  
-X POST \  
-H "Content-Type:application/json" \  
-d '{"auth":{  
    "identity":{  
        "methods":["password"],"password":{  
            "user":{"id":"ID-DO-SEU-USUARIO","password":"SUA-SENHA"}  
        }  
    }, "scope":{  
        "project":{"id":"ID-DO-SEU-PROJETO"}  
    }  
}' \  
http://192.168.1.190:5000/v3/auth/tokens | python -m json.tool \  

```

### ##### LISTA PROJETOS #####

```
curl -s \  
-H "X-Auth-Token: SEU-TOKEN-AQUI" \  
http://192.168.1.190:5000/v3/projects | python -m json.tool \  

```

### ##### LISTA FLAVORS #####

```
curl -s \  
-H "X-Auth-Token: SEU-TOKEN-AQUI" \  
http://192.168.1.190:8774/v2/ID-DO-SEU-PROJETO/flavors \  
| python -m json.tool \  

```

### ##### DETALHES DO FLAVOR #####

```
curl -s \  
-H "X-Auth-Token: SEU-TOKEN-AQUI" \  
http://192.168.1.190:8774/v2/ID-DO-SEU-PROJETO/flavors/ID-DO-FLAVOR \  
| python -m json.tool \  

```

**##### LISTA INSTANCIAS #####**

```
curl -s \  
-H "X-Auth-Token: SEU-TOKEN-AQUI" \  
http://192.168.1.190:8774/v2/ID-DO-SEU-PROJETO/servers \  
| python -m json.tool \  

```

**##### DETALHES DA INSTANCIA #####**

```
curl -s \  
-H "X-Auth-Token: SEU-TOKEN-AQUI" \  
http://192.168.1.190:8774/v2/ID-DO-SEU-PROJETO/servers/ID-DA-INSTANCIA \  
| python -m json.tool \  

```

**#### PARANDO UMA INSTANCIA #####**

```
curl -s \  
-H "X-Auth-Token: SEU-TOKEN-AQUI" \  
-H "Content-Type: application/json" \  
-d '{"os-stop":null}' \  
http://192.168.1.190:8774/v2.1/ID-DO-SEU-PROJETO/servers/ID-DA-INSTANCIA/action \  

```

**#### INICIANDO UMA INSTANCIA #####**

```
curl -s \  
-H "X-Auth-Token: SEU-TOKEN-AQUI" \  
-H "Content-Type: application/json" \  
-d '{"os-start":null}' \  
http://192.168.1.190:8774/v2.1/ID-DO-SEU-PROJETO/servers/ID-DA-INSTANCIA/action \  

```