Lab 5: Keystone on Command Line

Objective 1.

Create a new Project Using OpenStack Client (OSC):

- Name: **sales-crm**
- Description: **Sales Department CRM - Production Environment**
- Domain: **Default**
- Enabled: **True**
- Default Quotas

Objective 2.

Create a New User:

- User Name: **amy**
- Description: **Amy – Sales Department CRM Operations Specialist**
- Email: **amy@coa.lab**
- Password: **openstack**
- Primary project: **sales-crm**
- Domain: **Default**
- Enabled: **True**

Objective 3.

Assign a Role user to User **amy** in Project **sales-crm**.

Objective 4.

Create a New Domain:

- Domain name: **german-sub**
- Description: **Domain for German Subsidiary Projects**

Objective 5.

Create a **New Project in non-default domain**:

- Name: **german-rnd**
- Description: **R&D Project for German Subsidiary**
- Domain: **german-sub**

- Enabled: **True**
- Default Quotas

Objective 6.

Create a **New User in non-default domain**:

- User name: **toby**
- Description: **Toby - Admin User for Germain Subsidiary Projects**
- Email: **toby@coa.lab**
- Password: **openstack**
- Domain: **german-sub**
- Primary project: **german-rnd**
- Enabled: **True**

Objective 7.

Create a New Role in Default domain:

- Role name: **ops**
- Domain: **Default**

Add an additional role **ops** to User **amy** in Project **sales-crm**.

Objective 8.

Create a Group in Default domain:

- Name: **developers**
- Description: **Developers**
- Domain: **Default**

Add User **john** to Group **developers**.

Objective 9.

Create a group in non-default domain:

- Name: **admins**
- Description: **Admin Users in German Subsidiary**
- Domain: **german-sub**

Add User **toby** to Group **admins**.

Assign a Role **admin** to Group **admins** in Project **german-rnd** in Domain **german-sub**.

Objective 10.

Create a New Service in Service Catalog:

- Service Name: **ceilometer**
- Description: **Telemetry**
- Service Type: **metering**

Objective 11.

Create New Service Endpoints for Service Type **metering** in Region **RegionOne**:

- Interface **public** with URL **http://controller:8777**
- Interface **internal** with URL **http://controller:8777**
- Interface **admin** with URL **http://controller:8777**

Objective 12.

Create openrc files in **/home/coa** for Users:

- **john**
- **amy**
- **lisa**
- **toby**