Lab 8: Nova in Horizon Dashboard

Objective 1.

Scope: **lisa/sales-crm**.

Create a New Keypair:

- Keypair Name: **scrm-keypair1**
- Save Private Key to local file named **scrm-keypair1.pem**

Objective 2.

Scope: **lisa/admin**.

Create a New Public Flavor:

- Flavor Name: **crm.web**
- ID: **10**
- VCPUs: **1**
- RAM (MB): **1024**
- Root Disk (GB): **2**
- Ephemeral Disk (GB): **0**
- Swap Disk (GB): **0**
- RX/TX Factor: **1**

Objective 3.

Scope: **lisa/admin**.

Modify Flavor Access to Projects: **crm-dev** and **sales-crm**.

Objective 4.

Scope: **admin/admin**.

Modify Default Quotas:

- RAM (MB): **20480**
- VCPUs: **15**
- Volumes: **15**

Objective 5.

Scope: **demo/demo**.

Create a New Instance:

- Instance Name: **test-vm1**
- Boot Source: **Image**
- Delete Volume on Instance Delete: **Yes**
- Image Name: **system-3.5**
- Flavor Name: **m1.tiny**
- Network: **private**
- Security Group: add **demo-sg**

Objective 6.

Scope: **demo/demo**.

Login to Instance test-vm1 with Console, ping openstack.org.

Configure prompt in **.profile** file with:

```
PS1="\[\033[31m\][\h]\[\033[37m\]$ "
```

Objective 7.

Scope: **demo/demo**.

Shutdown the Instance test-vm1.

Objective 8.

Scope: **demo/demo**.

Create a Snapshot of the Instance test-vm1:

- Snapshot Name: **snap1**

Objective 9.

Scope: **demo/demo**.

Create Keypair **demo-kp1** in Project **demo**.

Create a **New Instance from the Instance Snapshot**:

- Snapshot Name: **snap1**
- Instance Name: **from-snap1**
- Flavor: **m1.tiny**
- Network: **private**
- Security Group: add **demo-sg**
- Key Pair: **demo-kp1**

Login to Instance Console.

Ping openstack.org.

Shutdown the Instance from-snap1.