Lab 15: Managing Object Storage in Command Line Environment

Objective 1.

Scope **amy**/**sales-crm**.

Create a New Container named **sales-bucket** and **grant read and write access** to all Users in Project **sales-crm**.

Upload a file **labs/red_prompt.sh** to **sales-bucket**.

Objective 2.

Scope **lisa**/**admin**.

Create a New Container named **public-container** and grant everyone rights to list Container, read and download Objects.

Upload **labs/yellow_prompt.sh** to **public-container**.

Change current directory to **/tmp** and download all objects from **public_container**.

Objective 3.

Scope **amy**/**sales-crm**.

Create a file:

```
hostname >> testing

date >> testing
```

Upload a file **testing** to Container **sales-bucket** and **set it to expire after** 60 seconds.

Try to download Object testing after one minute.

Objective 4.

Scope **amy**/**sales-crm**.

Determine Unix Epoch time for tomorrow at noon.

Upload **testing** file to **public-container** and **set it to expire** tomorrow **at** noon.

Verify Object expiration time.

Remove Expiration Date on Object **testing** in Container **public-container**.

Objective 5.

Scope **lisa**/**crm-dev**.

Check available Swift Storage Policies.

Create a New Container named **silver-container** **in Storage Policy** **silver**.

Upload file testing to **silver-container**.

Objective 6.

Scope **lisa**/**admin**.

Using **swift-recon** utility check used and free space in Swift Storage backend.
