Exercise 1 – Setting up EAS Services

Objective:

Configure **Exchange ActiveSync Services (EAS)**

Tasks:

Part 1 – Using Exchange Admin Center (EAC)

1. Log in to **Exchange Admin Center.**

2. Set the external URL to: **https://mail.domainXX.ca/Microsoft-Server-ActiveSync**

3. In the Authentication section, select **Basic Authentication.**

4. In the **Mobile section**, choose **Quarantine mobile devices not managed by an access rule.**

5. In the **Mobile Device Mailbox Policies** tab:

   - Create a new policy:
     o Name: **Sellers on the road**
     o **Allow sync of non-compliant devices.**
     o **Require encryption.**
     o Set minimum password length: **12**
     o Password expiration: **90 days**

Part 2 – Using Exchange Management Shell (EMS)

1. Identify the **ActiveSync virtual directory.**

2. View the **ActiveSync virtual directory configuration settings.**

3. Set the external URL to: **https://mail.domainXX.ca/Microsoft-Server-ActiveSync**

4. Disable **Basic Authentication.**

5. List **mobile device mailbox policies.**

6. View properties of **Sellers on the road** policy:

7. Display Bluetooth settings of the **Sellers on the road** policy:

8. Modify Bluetooth setting to allow only hands-free in the **Sellers on the road** policy.

9. Verify the new Bluetooth setting.

10. Create a new policy called "**Basic Policy**" that **allows the camera** and **disables Bluetooth**

11. Confirm that the new policy has been created.

Exercise 2 – Configuring OWA Services

Objective:

- Configure **OWA**

Tasks:

Part 1 – Using Exchange Admin Center (EAC)

1. Set external URL to: **https://mail.domainXX.ca/owa**

2. In **Authentication** section, ensure **Domain\Username** is selected.

3. In the **Features** section, enable **Time management → Calendar.**

4. In **File Access** section, disable **Direct file access.**

5. Create a new **Outlook Web App Policy:**

   - Name: **Sellers on the road**

   - Enable only:

     o Exchange ActiveSync.

     o Contacts.

     o Mobile contact sync.

     o Logging.

     o Calendar.

     o Tasks.

     o Direct file access (public & private).

6. Enable **Offline Mode from private computers only.**

7. Apply the **Sellers on the road** policy to the user **Elon Musk.**

Part 2 – Using Exchange Management Shell (EMS)

1. Display the **OWA virtual directory name.**

2. View the **virtual directory's configuration settings.**

3. View only the **external URL** of the OWA virtual directory.

4. Disable **calendar access** from OWA.

5. Verify the **calendar setting** has been updated.

6. List all **OWA mailbox policies.**

7. Create a new policy named **"Basic Policy".**

8. Confirm the creation of the policy.

9. Disable **junk emails filtering** in the **"Basic Policy".**

10. Verify that **junk email filtering** is now disabled.

11. Assign the **"Basic Policy"** to **Elon Musk.**

12. Assign the **" Sellers on the road "** to **Elon Musk to be able to test it in next part.**

Part 3 – Testing the OWA Policy

Tasks:

1. Open **OWA** URL: **https://adXX.domainXX.local/owa**

2. Log in using the credentials of **Elon Musk.**

3. Once logged in, verify the applied restrictions based on the "**Sellers on the road**" OWA policy:

   - Can access **Calendar, Contacts, and Tasks.**

   - Logging is **enabled (check audit log if applicable).**

   - Direct file access works from both **public** and **private** computer modes.

   - Features not enabled (e.g., **email themes, journal, file previews outside allowed types) should not be visible.**

4. Open the **browser developer tools (F12)** to ensure that the **light version** is not enforced

5. Switch the machine to **"Public computer"** mode on the **OWA login screen** and re-test file access to confirm that the policy allows this feature in both modes.

6. Log out of **OWA**

Lab Deliverables

You should submit a **lab report** including the **screenshots** of the **GUI configuration**, **PowerShell commands** used and its **results**.