**Question 2: Setup Multi Factor Authentication**

**Answer:**

Setting up Multi-Factor Authentication (MFA) in Azure contains a series of steps to enhance the security of Azure accounts. Here’s a step-by-step process:

**1. Sign in to the Azure Portal**

* Go to **Azure Portal**.
* Sign in with an account that has administrative privileges.

**2. Navigate to Azure Active Directory**

* In the left-hand menu, select **Azure Active Directory.**

**3. Access the MFA Settings**

* Under **Security** in the left-hand menu, select **Multi-Factor Authentication.**

**4. Configure MFA Settings**

* Click on **Additional cloud-based MFA settings.**
* Select the **Service Settings** tab to configure.

**5. Enable MFA for Users**

* Go back to the **Users** tab on the **MFA** page.
* Select **Per-user MFA**.
* In the user list, we can enable MFA for individual users by checking the box next to their name and clicking Enable on the right.

**6. Configure Conditional Access Policies**

* If we want to apply MFA based on certain conditions (like user group, location, etc.), we can set up Conditional Access policies.
* Go back to **Azure Active Directory**.
* Under **Security**, select **Conditional Access.**
* Click **+ New policy**.
* Configure the policy name, assignments, cloud apps, conditions, and access controls. In the Grant section, select **Require multi-factor authentication**.

**7. Notify Users**

* Inform the users that MFA will be enabled and provide instructions for setup. Users will need to complete the MFA setup process the next time they sign in.

**8. Test the MFA Configuration**

* Have users sign in to ensure they are prompted for MFA and can successfully complete the process.

**Example:**

1. **Go to the Multi-Factor Authentication page:** Sign in to the Azure Portal and navigate to **Azure Active Directory** > **Security** > **Multi-Factor Authentication**.
2. **Select Users:** Click on Users on the MFA management page.
3. **Enable MFA:**

* Find the user we want to **enable MFA** for.
* Check the box next to their name.
* Click on **Enable** on the right side of the page.
* **Confirm** the action in the pop-up window.
* **Example** if we want to enable MFA for user1, User4, User5, User7 then select checkbox for them only.

By enabling MFA, we can add an additional layer of security to our Azure AD accounts, reducing the risk of unauthorized access. We can further customize security settings and policies based on organizational needs.