**Creating an IAM User and Attaching Permissions**

**Objective:** To create an IAM user in AWS and assign necessary permissions using the AWS Management Console

**Tools required:** AWS Console

**Prerequisites:** None

Steps to be followed:

1. Create an IAM user and attach a policy

**Step 1: Create an IAM user and attach a policy**

1. Open the **AWS Management Console** in your practice environment

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1. In the search bar, type **IAM** and select the IAM service  
     
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2. Click on **Users** in the left navigation panel  
     
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3. Provide a name for the user and check the box labeled **AWS Management Console Access** to enable console access  
     
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4. Set a **Custom password** for the user in the corresponding field  
     
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5. Scroll down and click on **Next** to proceed  
     
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6. On the **Permissions** page, select **Add user to group** and then click on **Create group**  
     
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7. Enter a name for the user group in the **Group Name** field and click **Create user group** to   
   save it  
     
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8. Select **Attach policies directly** from the available options  
     
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9. In the **Permission policies** search bar, type **EC2**, and select **AmazonEC2FullAccess** from the list of policiesA screenshot of a computer

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10. Scroll down and click **Next** to review the settings  
      
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11. On the final review page, click on **Create user** to complete the process  
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The user and user group are created, and the necessary permissions are assigned.  
  
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By following these steps, you have successfully created an IAM user, added the user to a group, and attached the **AmazonEC2FullAccess** policy, ensuring the user has the required permissions to manage EC2 resources.