**IAM Service**

**Steps:**

Here are the steps to create an IAM user in AWS

1. **Sign in to the AWS Management Console:**
   * Go to the AWS Management Console (<https://aws.amazon.com/>).
   * Sign in with your AWS account credentials.
2. **Access the IAM Dashboard:**
   * In the AWS Management Console, search for "IAM" or find it in the "Security, Identity, & Compliance" section.
   * Click on "IAM" to access the Identity and Access Management (IAM) dashboard.
3. **Create a New IAM User:**
   * In the IAM dashboard, click on "Users" in the left navigation pane.
   * Click the "Add user" button.
4. **User Details:**
   * Enter the username for the new IAM user.
   * Choose the type of access (programmatic access, AWS Management Console access, or both).
   * Set a custom password or let AWS generate one for you.
   * You can require the user to reset their password at the next sign-in for security.
5. **Permissions:**
   * In the "Add user to group" section, you can add the user to an existing IAM group that already has the necessary permissions attached (e.g., a group with S3 and CodeCommit permissions).
6. **Add User to Policy Directly:**
   * If you don't have a group set up, you can attach policies directly to the user. In the "Permissions" section, click on "Add permissions."
   * Search for and select "AmazonS3FullAccess" policy, and add it.
   * Search for and select "AWSCodeCommit\_FullAccess" policy, and add it.
7. **Review:**
   * Review the user's settings to ensure they have the necessary permissions.
   * Click "Next: Tags" if you want to add tags for the user (optional).
8. **Review and Create User:**
   * Review all the user details, permissions, and policies.
   * If everything looks correct, click "Create user."
9. **Create or Reset Password:**

* After enabling console access, the user may need to set a password for their console login. You can do this by clicking on the "Security credentials" tab for the user and then choosing "Manage" in the "Console password" section.

1. **Sign-In Link for User:**

* To access the AWS Management Console, the IAM user can use the sign-in link specific to your AWS account. This link can be found on the AWS Management Console login page.

1. **Access Key and Secret Key:**
   * On the final page, you will see the user's access key ID and secret access key. Make sure to save these keys securely as they are required for programmatic access.
2. **Activate HTTPS Git Credentials for CodeCommit:**

* In the "Security credentials" tab, scroll down to the "HTTPS Git credentials for AWS CodeCommit" section.
* If it's not already activated, click the "Activate" button.
* This will generate HTTPS Git credentials that the user can use for CodeCommit access. These credentials consist of a username and password.

1. **Completion:**
   * The IAM user has been created with the desired permissions.