

Login to the AWS Management Console as an Administrator user in your AWS Account and perform the following task:

#### Task 1

**Create an IAM User [Sylvie] and attach a managed policy to it**

**User should change password on next login**

**Attach an AWS managed policy for the user to change password and EC2ReadOnly permissions**

Use the AWS CLI to create the user

#### **Create an IAM User Using AWS CLI**

```
aws iam create-user --user-name sayo --profile Administrator
```

```
aws iam list-users --profile Administrator --output yaml
```

```
aws iam list-users --profile Administrator --output table
```

```
aws iam create-login-profile --user-name nahdia --password A2#@2012.awscli  
--password-reset-required
```

#### **Creating a password for an IAM using AWS CLI**

```
aws iam create-login-profile --user-name nahdia --password A2#@2012.awscli  
--password-reset-required --profile Administrator
```

#### **Deleting Login Credentials**

```
aws iam delete-login-profile --user-name nahdia --profile Administrator
```

#### **Deleting an IAM User**

```
aws iam delete-user --user-name nahdia --profile Administrator
```

**You can use the update-login-profile command to change the password for an IAM user.**

```
aws iam update-login-profile --user-name nahdia --password A2#@2022.aws
```

**To attach the policy, use the `attach-user-policy` command, and reference the environment variable that holds the policy ARN.**

```
aws iam attach-user-policy --user-name mawein --policy-arn $POLICYARN
aws iam attach-user-policy --user-name mawein --policy-arn
arn:aws:iam::aws:policy/AmazonS3FullAccess --profile Administrator
```

**Verify that the policy is attached to the user by running the `list-attached-user-policies` command.**

```
aws iam list-attached-user-policies --user-name mawein --profile Administrator
aws iam list-attached-user-policies --user-name Administrator --profile
Administrator
```

**An IAM user can create only two access keys at one time. If you try to create a third set, the command returns a `LimitExceeded` error.**

```
aws iam create-access-key --user-name mawein --profile Administrator
```

### **Deleting an access-key**

```
aws iam delete-access-key --user-name mawein --access-key-id
AKIA3ZXZKYR3EPUPL3LB --profile Administrator
aws iam list-access-keys --user-name mawein --profile Administrator
```

### **Detaching a Managed Policy from a User Using AWS CLI**

```
aws iam detach-user-policy --user-name mawein --policy-arn
arn:aws:iam::aws:policy/AmazonS3FullAccess --profile Administrator
aws iam list-attached-user-policies --user-name mawein --profile Administrator
```