AWS IAM CLI Commands

User Management

Create a new IAM user

```
aws iam create-user --user-name USERNAME
```

List all IAM users

```
aws iam list-users
```

Delete an IAM user

```
aws iam delete-user --user-name USERNAME
```

Group Management

Create a new IAM group

```
aws iam create-group --group-name GROUPNAME
```

Add user to a group

```
aws iam add-user-to-group --user-name USERNAME --group-name GROUPNAME
```

List all IAM groups

```
aws iam list-groups
```

Delete an IAM group

```
aws iam delete-group --group-name GROUPNAME
```

Role Management

Create an IAM role (trust policy JSON required)

```
aws iam create-role --role-name ROLENAME --assume-role-policy-document
file://trust-policy.json
```

List all IAM roles

```
aws iam list-roles
```

Delete an IAM role

```
aws iam delete-role --role-name ROLENAME
```

Policy Management

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Create a custom policy (policy document required)

```
aws iam create-policy --policy-name POLICYNAME --policy-document
file://policy.json
```

List all IAM policies

```
aws iam list-policies
```

Attach policy to a user

```
aws iam attach-user-policy --user-name USERNAME --policy-arn
arn:aws:iam::aws:policy/POLICYNAME
```

Attach policy to a group

```
aws iam attach-group-policy --group-name GROUPNAME --policy-arn
arn:aws:iam::aws:policy/POLICYNAME
```

Attach policy to a role

```
aws iam attach-role-policy --role-name ROLENAME --policy-arn
arn:aws:iam::aws:policy/POLICYNAME
```

Detach policy from a user

```
aws iam detach-user-policy --user-name USERNAME --policy-arn
arn:aws:iam::aws:policy/POLICYNAME
```

Detach policy from a group

```
aws iam detach-group-policy --group-name GROUPNAME --policy-arn
arn:aws:iam::aws:policy/POLICYNAME
```

Detach policy from a role

```
aws iam detach-role-policy --role-name ROLENAME --policy-arn
arn:aws:iam::aws:policy/POLICYNAME
```

Access Key Management

Create a new access key for a user

```
aws iam create-access-key --user-name USERNAME
```

List all access keys for a user

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```
aws iam list-access-keys --user-name USERNAME
```

Delete an access key

```
aws iam delete-access-key --user-name USERNAME --access-key-id ACCESSKEYID
```

Miscellaneous

Get IAM account summary

```
aws iam get-account-summary
```

Get current IAM user info (for current credentials)

```
aws iam get-user
```