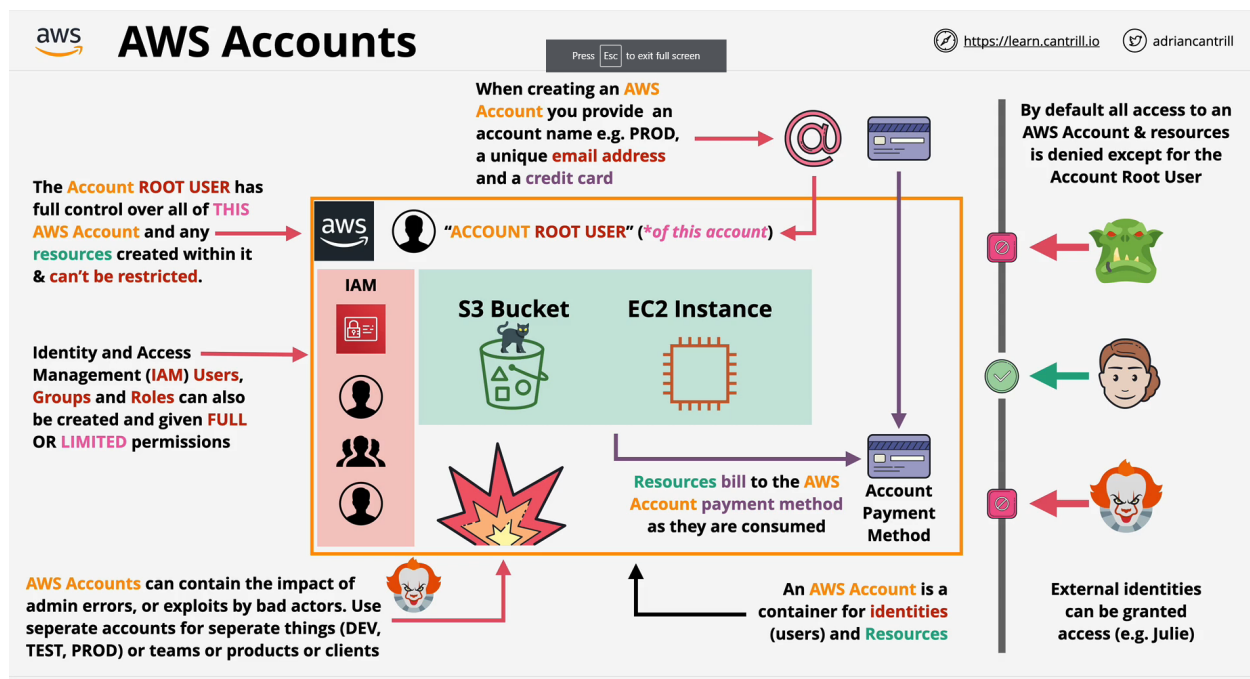


1. INTRODUCTION & SCENARIO

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▼ Class	
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🔗 Materials	
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1. Fundamentals & AWS Accounts

Hundred's of aws account can be used for single service





Once you create account on aws make sure you change the alternative contact and add your companies billing and alternative contact



Setup for AWS Account

Step1: Create AWS Account remember “+title@gmail.com” and create account

Step2: Below that in Account Edit the IAM user and role Access to Billing Info and **Select Activate IAM Access** Edit the IAM user and role access and **Activate IAM Access**

of-course N. Virginia should be the selected region

Step3: Assign MFA from IAM

Step4: Billing > Preference>> All Enabled and also **Create Budget** and **Enable Cost Explorer**

Create the budget whatever the one you are looking for

Least Privilege Access: Only giving the required access in the IAM



IAM BASICS(Identity & Access Management)



IAM is a Globally Resilient Service which means any data is always secured across all AWS Region



IAM Basics



<https://learn.cantrill.io>



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Now IAM is a globally resilient service.



IAM Types



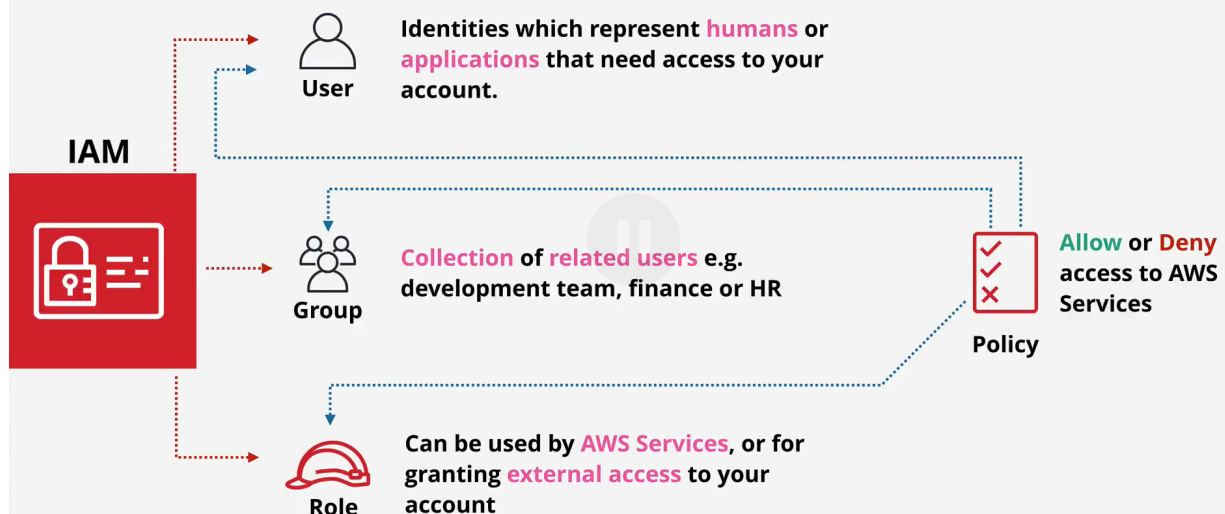
IAM Basics



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Normally we never use root user to edit/modify anything so we create new user in IAM with admin access policy and use that to modify any changes

Steps for IAM Setup



Step1: Go to IAM and Set Account Alias

AWS Account

Account ID
652517214356

Account Alias
ac-training-aws-general [Edit](#) | [Delete](#)

Sign-in URL for IAM users in this account
<https://ac-training-aws-general.signin.aws.amazon.com/console>

Quick Links [↗](#)

Step2: Create IAM Admin User

set policy as Admin with full access and login to it

Step3: Add MFA using Account settings to login use sign in url



IAM USER can have two access keys
which consist of Access key ID
and Secret Access key
Single download



Firstly create access keys from security credentials tab in the
general/production



**Download aws cli for windows and then configure the access keys
downloaded from Security credential tab**

```
C:\Users\Other>aws --version
aws-cli/2.7.4 Python/3.9.11 Windows/10 exe/AMD64 prompt/off

C:\Users\Other>aws configure --profile iamadmin-general
AWS Access Key ID [None]: AKIA2UCCU54DTMPNA2WX
AWS Secret Access Key [None]: 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
Default region name [None]: us-east-1
Default output format [None]:

C:\Users\Other>aws configure --profile iamadmin-general
AWS Access Key ID [*****A2WX]:

C:\Users\Other>aws s3 ls --profile iamadmin-general

C:\Users\Other>aws configure --profile iamadmin-production
AWS Access Key ID [None]: AKIATMNZQ6UBJRFLYW5D
AWS Secret Access Key [None]: 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
Default region name [None]: us-east-1
Default output format [None]:

C:\Users\Other>
```