

# In Class Activity 1 AWS Account and IAM

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# Description

### 1.SignUP



# Explore Free Tier products with a new AWS account.

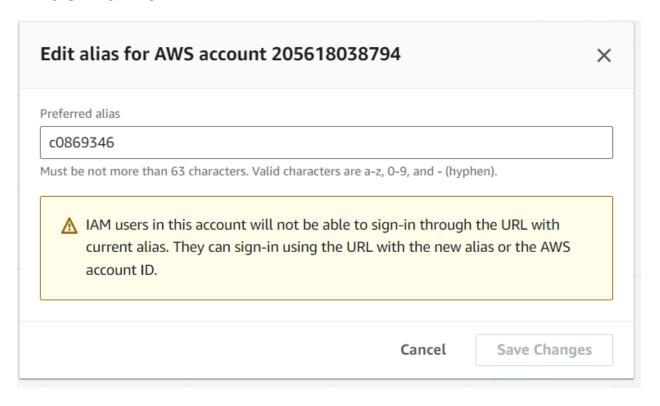
To learn more, visit aws.amazon.com/free.



# Root user email address Used for account recovery and some administrative functions c0869346@mylambton.ca AWS account name Choose a name for your account. You can change this name in your account settings after you sign up. vishal-guda Verify email address OR Sign in to an existing AWS account

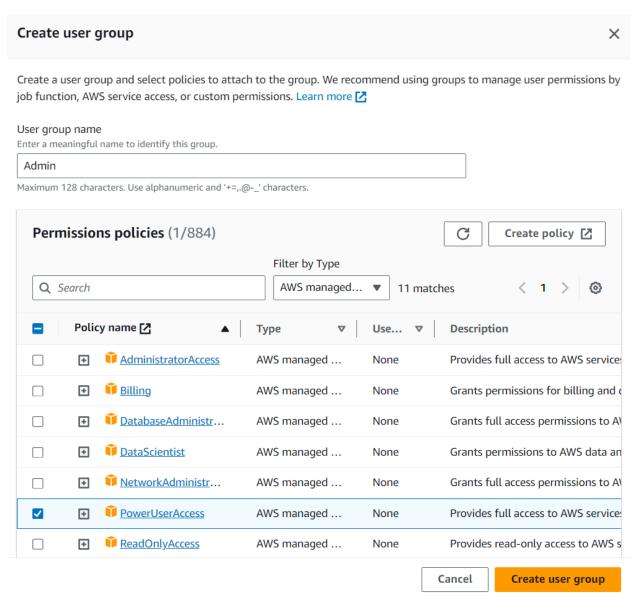
Initially you have to sign up to the AWS account as a root user. Enter all your credentials and card details and signup

#### 2. Alias Name



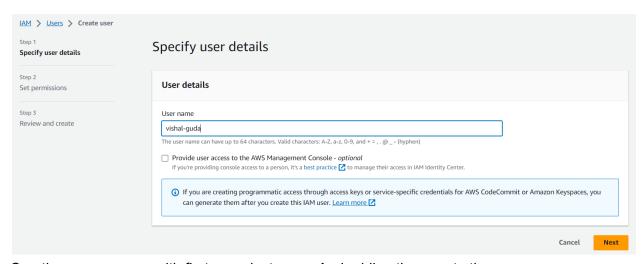
Creating the alias name for my account. Creating the name with c\_number. Make sure to save all this info i.e account name and account id.

#### 3. Group Creation with Access



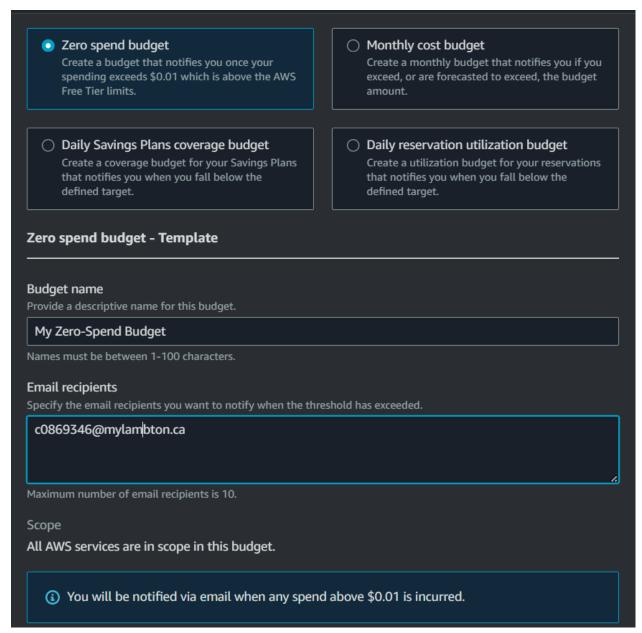
Creating a group named "Admin" and giving the PowerUserAccess and Administrator Access Permissions.

# 4. Creating User



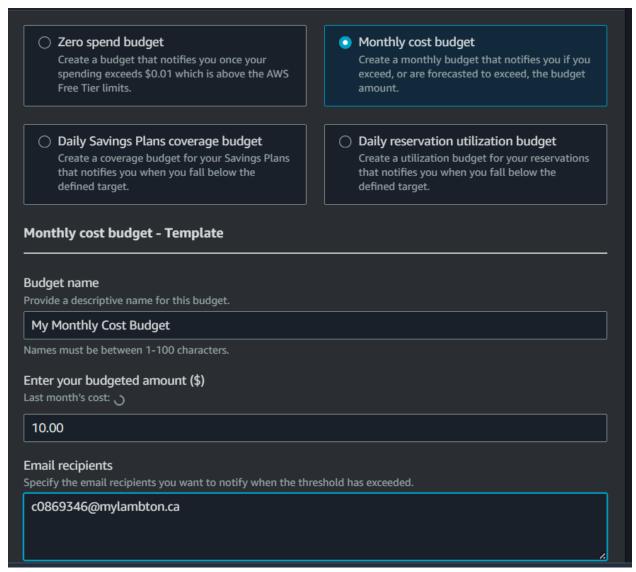
Creating a user name with firstname-lastname. And adding the user to the group we have created. Group "Admin". This user will get the permissions we assigned to the group "Admin".

#### 5. Creating Zero Spend Budget Alert



We need to login as a Root user and then do this. We need to enter our email ID to get the alerts.

# 6. Creating a Monthly Spend Budget Alert



Creating a Monthly budget alert for our Account. We need to login as a Root USer and then create a budget. Enter the amount of 10 dollars and then enter your mail id for the alerts to be sent.

#### 7. Creating MFA

Device name

Enter a meaningful name to identify this device.

One\_Plus\_Nord\_2T\_5G

Maximum 128 characters. Use alphanumeric and '+ = , . @ - \_' characters.

#### MFA device

Select an MFA device to use, in addition to your username and password, whenever you need to authenticate.





#### Authenticator app

Authenticate using a code generated by an app installed on your mobile device or computer.

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#### Security Key

Authenticate using a code generated by touching a YubiKey or other supported FIDO security key.

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#### Hardware TOTP token

Authenticate using a code displayed on a hardware Timebased one-time password (TOTP) token.

Creating a Multi Factor Authentication for our Root USer and the IAM user we created. The IAM user with the firstname-lastname. We need to enter the MFA code every time we sign in.