Assignment-1

AWS Account Creation and Budget Configuration: Step-by-Step Instructions

Part 1: Creating an AWS Account

1. **Visit AWS Free Tier Webpage:**
   - Open a browser and navigate to the [AWS Free Tier page](#).
   - Click **Create a Free Account**.
2. **Provide Account Details:**
   - Enter an email address that has not been registered with AWS before.
   - Create a secure password and confirm it.
   - Assign an AWS account name (this can be changed later).
3. **Choose Account Type:**
   - Select the account type as **Personal** (for demonstration purposes).
   - Fill in personal details such as name, address, phone number, state, and city.
   - Accept the terms and conditions, then click **Create Account and Continue**.
4. **Provide Payment Information:**
   - Enter valid credit card details (credit cards like Visa, Mastercard, and others are accepted; RuPay cards may not work).
   - Note: A minimal verification charge may appear, which is refundable.
5. **Activate the Free Tier Account:**
   - Complete all the steps to activate your **AWS Free Tier** account.
   - Log in to the AWS Management Console using your email and password.

Remarks:

- Double-check the email address and payment details for accuracy.
- Ensure you monitor any potential charges post the free tier period.

Part 2: Configuring a Budget in AWS

1. **Sign in to the AWS Management Console:**
   - Use your AWS account credentials to log in.
2. **Navigate to Cost Management:**
   - Click your **Account Name** in the navigation bar and select **Billing Dashboard**.
   - Under **Cost Management**, choose **Budgets**.
3. **Initiate Budget Creation:**
   - Click on **Create Budget** at the top of the Budgets page.
4. **Select Budget Type:**
   - Under **Budget Setup**, select **Customize (Advanced)**.
   - Choose **Cost Budget** as the budget type, then click **Next**.
5. **Define Budget Details:**
   - Enter a unique **Budget Name** (e.g., "Budget-1").
   - Set the budget period to **Monthly** for recurring resets.
   - Choose a **Budget Renewal Type** as **Recurring Budget**.
   - Set a **Budgeted Amount** (e.g., $1.00), then click **Next**.

6. **Set Alerts:**
   - o   Add an alert threshold to receive notifications.
   - o   Under **Set Alert Threshold**, choose a percentage threshold (e.g., 80% of the budget).
   - o   Enter email addresses for notification recipients.
7. **Finalize and Review:**
   - o   Review all budget settings.
   - o   Click **Create Budget** to finalize the configuration.

Remarks:

- Use descriptive budget names for easier identification.
- Keep alert thresholds realistic to avoid unnecessary notifications.
- Regularly review the **Budgets Overview** section for spending insights.

Key Takeaways

- Creating an AWS account requires valid payment details and email verification.
- Configuring budgets helps you monitor and control AWS costs effectively.
- Familiarity with the AWS Management Console interface is essential for efficient usage.