

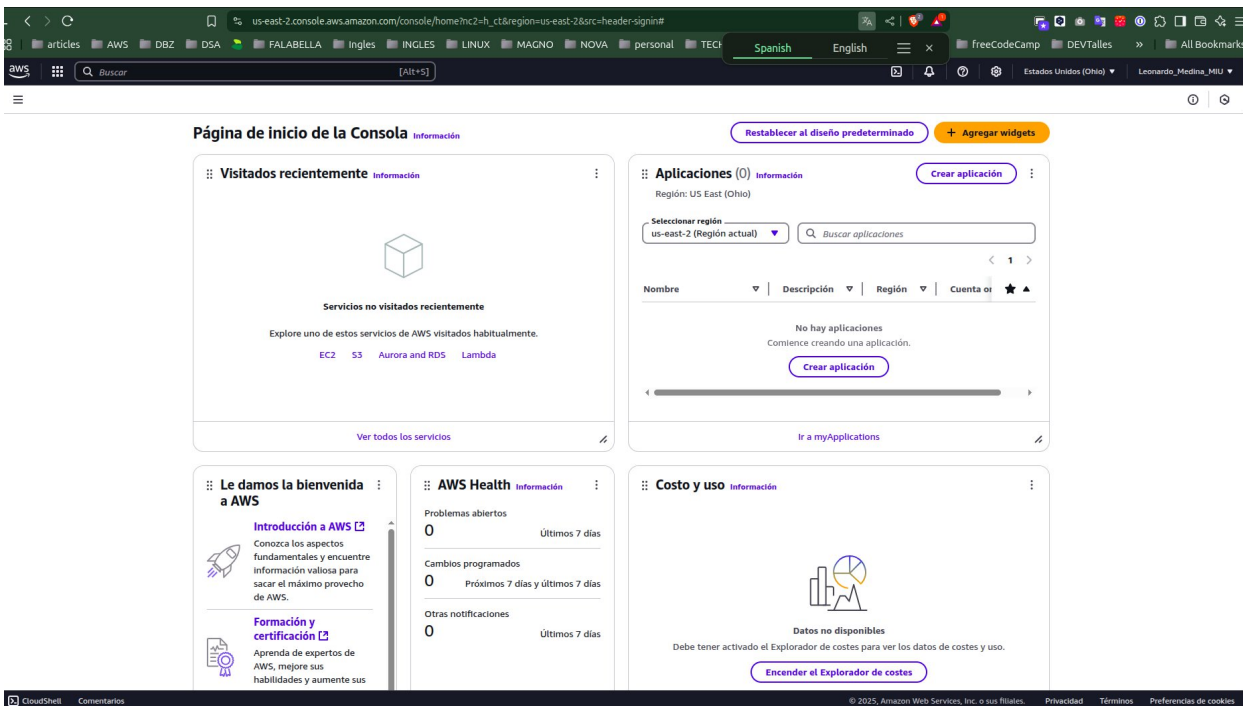
MIU-Seminar-2025-05-Homework1

Leonardo Medina #619571

Requirements

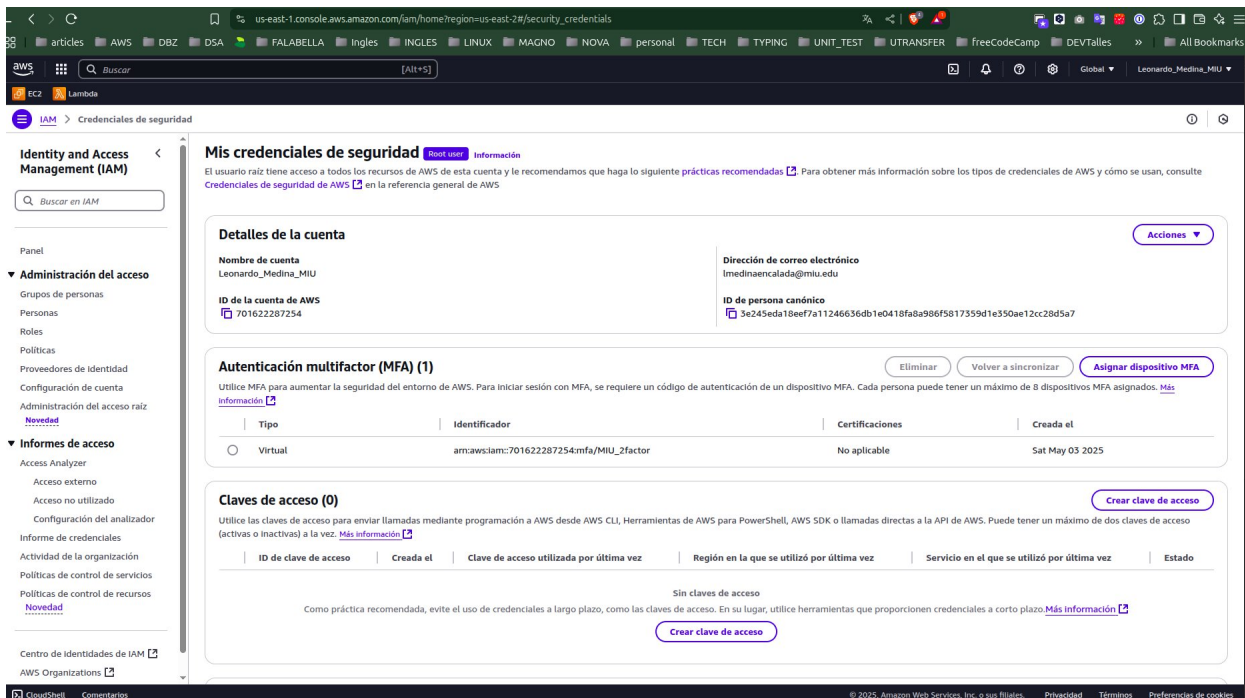
1. Set up an AWS Free Tier Account:

- If you haven't done so, create an AWS Free Tier account at AWS Sign-Up.
- Use an email not associated with another AWS account.



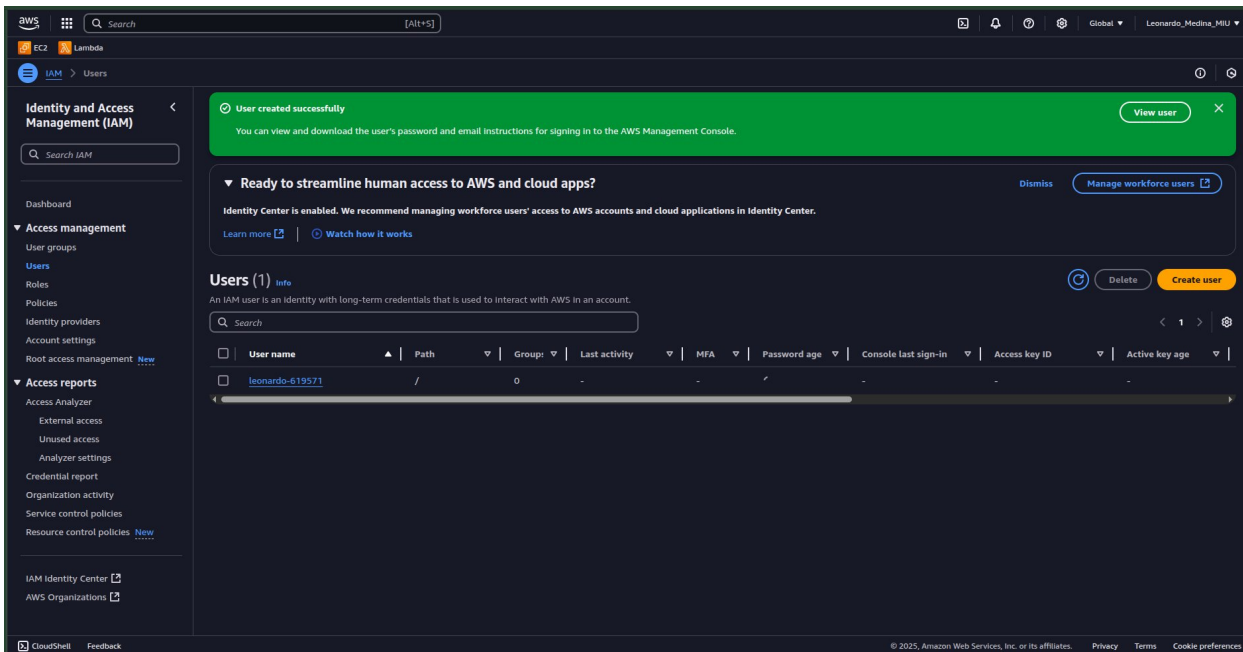
2. Add MFA for the root account:

- Go to: AWS Console → IAM → Security Credentials.
- Enable MFA: Choose "Virtual MFA" and use Google Authenticator/Authy.
- Take a screenshot of the MFA setup confirmation.



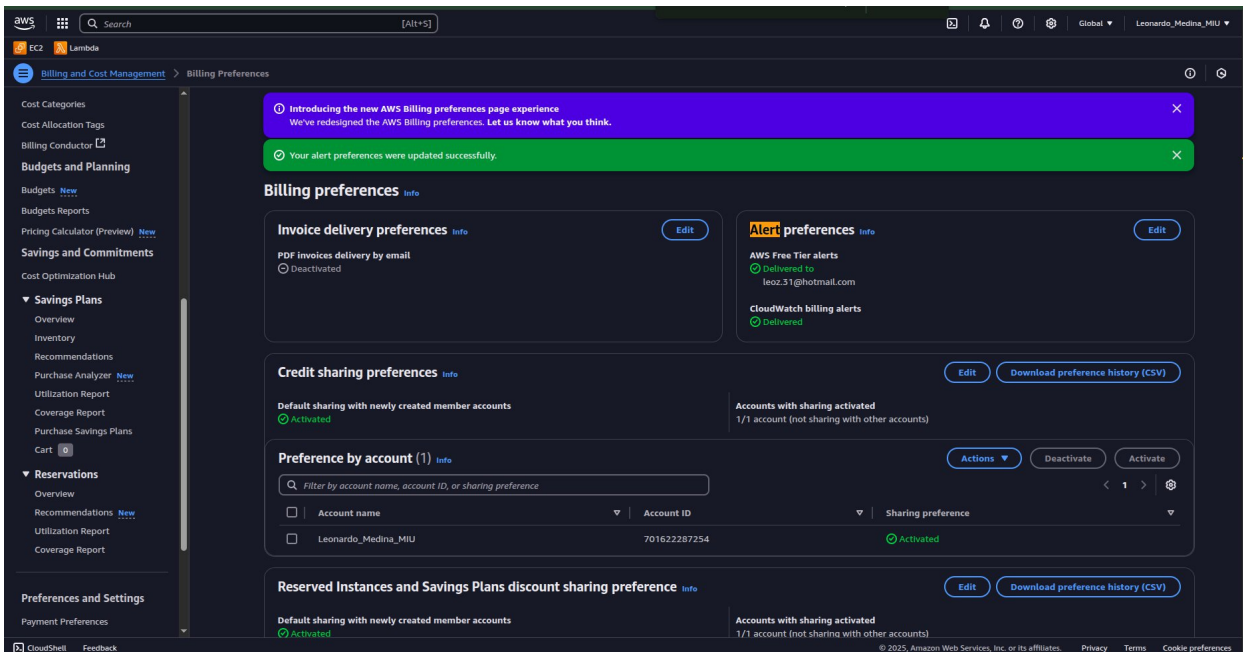
3. Create another account and work in this account from now on:

- Go to: IAM → Users → Add User.
- Username: your-name-id.
- Attach Policy: AdministratorAccess.
- Set Console Access: Enable sign-in for this user.
- Log out from the root account and only use this IAM user from now on.
- Take a screenshot of the IAM user list.



4. Use your root account to create Billing Alert:

- Go to: Billing Dashboard → Preferences.
- Enable billing alerts and set up an email notification.
- Take a screenshot of the billing alert settings.



5. Use your root account to create Budget Alert:

- Go to: AWS Budgets → Create Budget.
- Type: Cost Budget.
- Threshold: \$1 (or Free Tier limit).
- Notification: Send email alerts when spending approaches the limit.

- Take a screenshot of the budget alert setup.

The screenshot displays the AWS Billing and Cost Management console. A green notification banner at the top states: "Your budget My Monthly Cost Budget has been created successfully. After creating a budget, it can take up to 24 hours to populate all of your spend data." Below this, the "Budgets (1)" section is visible, featuring a search bar and a "Type - Show all budgets" dropdown. A table lists the created budget:

Name	Thresholds	Budget	Amount used	Forecasted amount	Current vs. budgeted	Forecasted vs. budgeted
My Monthly Cost Budget	OK		\$5.00	-	-	0.00%

The left sidebar contains navigation links for various AWS services and cost management tools, including Home, Getting Started, Billing and Payments, Bills, Payments, Credits, Purchase Orders, Cost and Usage Analysis, Cost Explorer, Cost Explorer Saved Reports, Cost Anomaly Detection, Free Tier, Data Exports, Customer Carbon Footprint Tool, Cost Organization, Cost Categories, Cost Allocation Tags, Billing Conductor, and Budgets and Planning. The footer includes the AWS logo, CloudShell, Feedback, and copyright information for Amazon Web Services, Inc. or its affiliates, along with links for Privacy, Terms, and Cookie preferences.