NSBU – Terraform Basic Session

Please, follow the bellow steps to prepare AWS Environment for Terraform LAB.

**Step 1 -** Create an user (IAM) to be used by Terraform

**1** – Login as Root -> <https://aws.amazon.com/>

**2** – Click on Sign in to the Console

**3** – Navigate to IAM (Identity and Access Management)

**4** – Select **Users** on left menu

**5** – Click on Add users button

Graphical user interface, application

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**6** – Fill User name field as -> terraform-lab

**7** – Check option -> Access key – Programmatic

Graphical user interface, text, application, email

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**8** – Click on Create group

Graphical user interface, application

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**9** – Fill Group name field as -> terraform-group

**10** – Find and mark the both polices -> AmazonVPCFullAccess and AmazonEC2FullAccess

**11** – Click on the Create group button and click on the Next tags button.

Graphical user interface, application, Teams

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Graphical user interface, application, Teams

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Graphical user interface, application

Description automatically generated

**12** – Skip Add tags

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**13** – Click on the Create user button

Graphical user interface, text, application, email

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**14** – Click on the Download .csv. (Take care with it. We will use its content on Terraform configuration)

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**Step 2 -** Create a Key Pair to be used for EC2 instance. You can skip this step in case you want to use your own public SSH key to create the Key Pair through the Terraform.

**1 –** Click on the Create key pair button.

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**2** – Provide the name as **terraform-lab-key-pair**

Graphical user interface, application

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**Step 3 –** (Optional) Configure Budget Limit for no surprises in your credit card bill.

**1 –** Navigate to Billing Dashboard (the link is on the profile menu)

**2 –** Click on the Create budget button

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**2 –** Select Cost budget – Recommended and click on the Next button.

Application

Description automatically generated with low confidence

**3 –** Provide a Budget name and Enter your budgeted amount ($)

Graphical user interface, text, application, email

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