

Experiment 1B

To understand the benefits of cloud infrastructure and Setup cloud9 IDE, and perform collaboration demonstration.

Step 1: Login into your AWS account.

Step 2: Navigate to Cloud 9 service

Step 3: Create a Instance

The screenshot shows the AWS Management Console interface. At the top, there's a navigation bar with the AWS logo, 'Services', a search bar, and user information. The main content area is titled 'Launch an instance' and shows a green success banner: 'Success Successfully initiated launch of instance (i-06a85947b2d9e4072)'. Below this, there's a 'Launch log' section and a 'Next Steps' section with a search bar and a list of actions: 'Create billing and free tier usage alerts', 'Connect to your instance', 'Connect an RDS database', and 'Create EBS snapshot policy'. At the bottom, there's a CloudShell terminal window showing the output of the 'sudo apt update' command, indicating that the system is up-to-date. Below the terminal, there's a summary of the instance: 'i-06a85947b2d9e4072 (My Web server)' with public and private IP addresses.

Expanded Security Maintenance for Applications is not enabled.
0 updates can be applied immediately.
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
The list of available updates is more than a week old.
To check for new updates run: sudo apt update
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
ubuntu@ip-172-31-93-2:~\$

i-06a85947b2d9e4072 (My Web server)
PublicIPs: 18.206.115.91 PrivateIPs: 172.31.93.2

Step 4: Create a bucket

The screenshot shows the AWS Management Console interface. At the top, there's a navigation bar with the AWS logo, 'Services', a search bar, and user information. The main content area is titled 'Buckets' and shows a green success banner: 'Successfully created bucket "nikita-vesit"'. Below this, there's a 'View details' button. The 'General purpose buckets' section shows a list of buckets with columns: Name, AWS Region, IAM Access Analyzer, and Creation date. The bucket 'nikita-vesit' is listed in the US East (N. Virginia) region, created on August 1, 2024, at 21:36:55 (UTC-07:00).

Successfully created bucket "nikita-vesit"
To upload files and folders, or to configure additional bucket settings, choose View details.

Amazon S3 > Buckets

Account snapshot - updated every 24 hours All AWS Regions
Storage lens provides visibility into storage usage and activity trends. Learn more

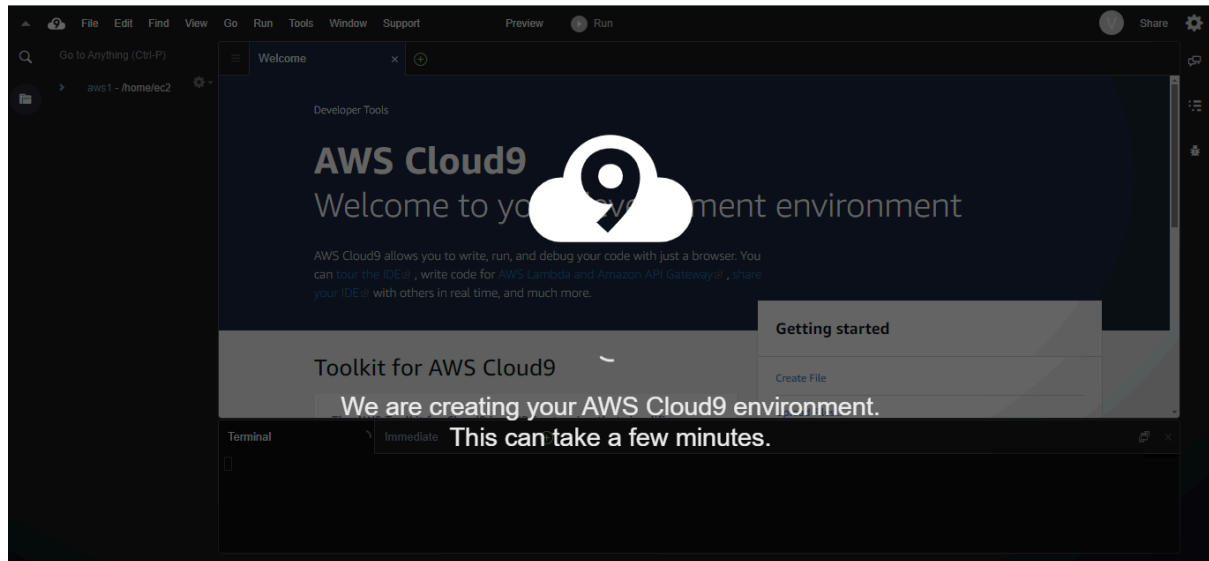
General purpose buckets Directory buckets

General purpose buckets (1) Info All AWS Regions
Buckets are containers for data stored in S3.

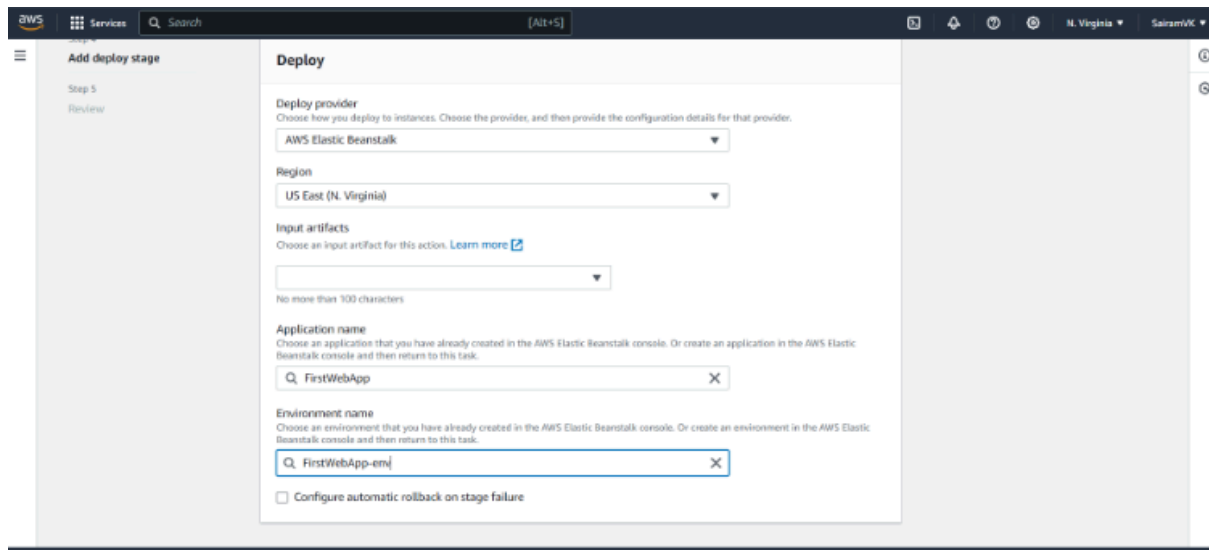
Find buckets by name

	Name	AWS Region	IAM Access Analyzer	Creation date
	nikita-vesit	US East (N. Virginia) us-east-1	View analyzer for us-east-1	August 1, 2024, 21:36:55 (UTC-07:00)

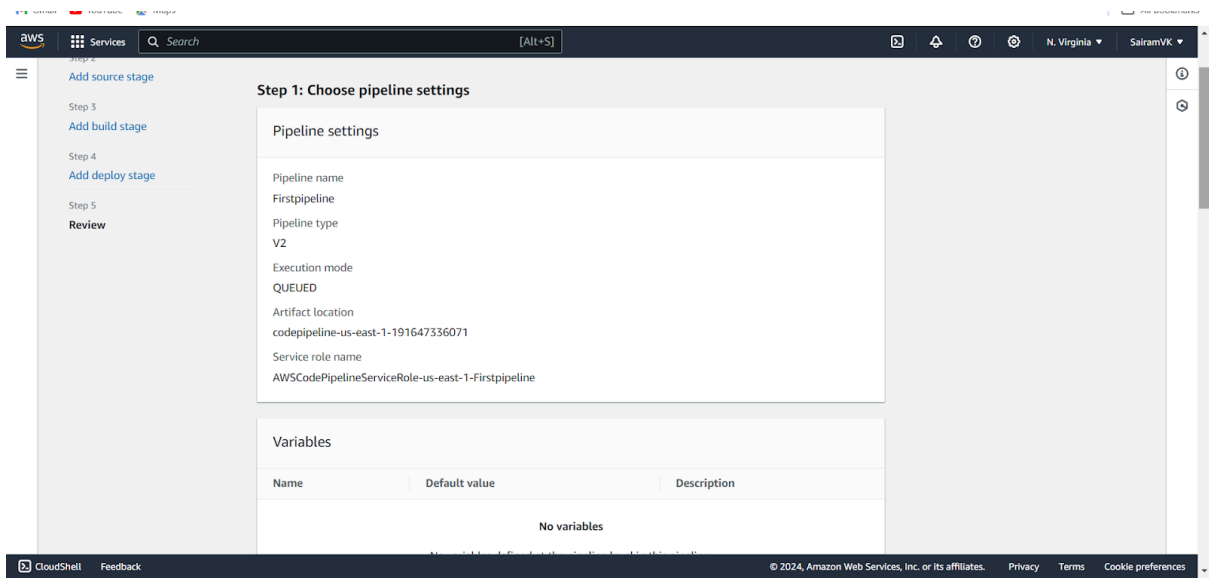
Step 5: Create an Environment



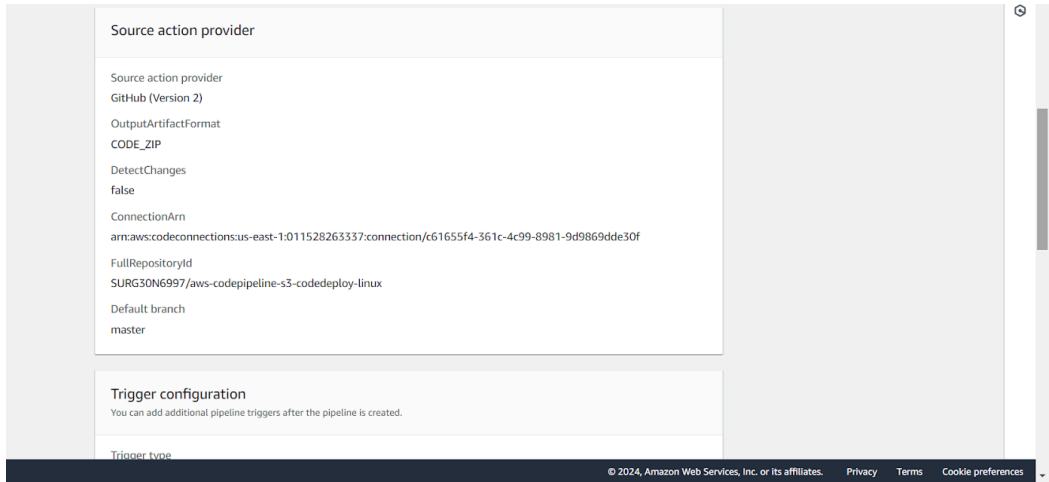
Step 6: Deploy



Step 7: Choose a Pipeline Settings



Step 8: Add source stage



Step 9: Add Deploy stage

