

Cloud Computing – Lab 11

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Task 1 – Create Sagemaker Studio

The screenshot shows the Amazon SageMaker Studio console. The left sidebar contains the 'Amazon SageMaker Studio' menu with options: Dashboard, Search, Images, Ground Truth, Notebook, Processing, Training, Inference, Edge Manager, Augmented AI, and AWS Marketplace. The main content area is titled 'SageMaker Studio' and has a 'Get started' section. It includes a link to 'Learn more about getting started with SageMaker Studio'. There are three radio button options: 'Quick start' (selected), 'Enable Amazon SageMaker project templates and JumpStart for this account and Studio users', and 'Standard setup'. The 'Quick start' option has a text input field for 'User name' with the value 'anudit' and a dropdown for 'Execution role' with the value 'AmazonSageMaker-ExecutionRole-20210415T095483'. A 'Cancel' button is at the bottom right.

Amazon SageMaker Studio

Dashboard
Search
Images
Ground Truth
Notebook
Processing
Training
Inference
Edge Manager
Augmented AI
AWS Marketplace

SageMaker Studio

Get started

Learn more about getting started with SageMaker Studio

☒ Quick start
Let Amazon SageMaker handle configuring account and setting the permissions that you or a team in your organization need to use SageMaker Studio. Choosing this option uses standard encryption, which you can't change. If you need more control over configuration, choose Standard setup.

User name
anudit
The user name can have up to 63 characters. Valid characters: A-Z, a-z, 0-9, and - (hyphen)

Execution role
SageMaker Studio requires permissions to access other AWS services, such as Amazon SageMaker and Amazon S3. The execution role must have the [AmazonSageMakerFullAccess policy](#) attached. If you don't have a role with this policy attached, we can create one for you.

AmazonSageMaker-ExecutionRole-20210415T095483

☒ Enable Amazon SageMaker project templates and JumpStart for this account and Studio users
If enabled, the administrator can view the Amazon SageMaker provided project templates and JumpStart solutions published in AWS Service Catalog and users who are configured to use the domain execution are allowed to create projects using those templates and solutions with JumpStart. A launch constraint role and a project use role are automatically generated in IAM for your account.

☐ Standard setup
Control all aspects of account configuration, including permissions and encryption. Choose this option if you are an administrator setting up SageMaker Studio for your organization.

Cancel

The screenshot shows the Amazon SageMaker Studio console. The left sidebar is the same as the previous screenshot. The main content area is titled 'Preparing SageMaker Studio' and has a blue banner that says 'We are configuring quickstart user [anudit] and resources needed by Studio. This is a one-time configuration and may take a few minutes.' Below the banner is the 'SageMaker Studio Control Panel'. It has a search bar for 'Search users' and a table with columns 'User name', 'Last modified', and 'Created'. The table is empty with the text 'No users' and 'To add a user, choose Add user and enter a user name.' Below the table is the 'Studio Summary' section. It has a 'Status' of 'Pending', a 'Studio ID' of 'd-wyjingwlvnnin', an 'Execution role' of 'arn:aws:iam::501151665505:role/service-role/AmazonSageMaker-ExecutionRole-20210415T095483', and an 'Authentication method' of 'AWS Identity and Access Management'. There is a 'Delete' button. Below the summary is the 'Custom images attached to domain' section. It has a link to 'How to attach SageMaker images' and a 'Delete' button.

Preparing SageMaker Studio
We are configuring quickstart user [anudit] and resources needed by Studio. This is a one-time configuration and may take a few minutes.

Amazon SageMaker Studio > SageMaker Studio > Control Panel

SageMaker Studio Control Panel

Choose your user name, then choose Open Studio to get started

Search users

| User name | Last modified | Created |
|---|---------------|---------|
| No users To add a user, choose Add user and enter a user name. | | |

Studio Summary

Status
Pending

Studio ID
d-wyjingwlvnnin

Execution role
arn:aws:iam::501151665505:role/service-role/AmazonSageMaker-ExecutionRole-20210415T095483

Authentication method
AWS Identity and Access Management

Use the Studio ID for troubleshooting and tracking usage.
The status shown is for the SageMaker Studio service, and is not the status of compute resources such as EC2 instances to execute notebooks.

Custom images attached to domain

You can attach up to 30 images. Only the latest version for each image is displayed below. If you try to attach more than 30 images, the request will fail. To attach additional images, you need to detach an image and then try again.

How to attach SageMaker images

Delete

Task 2 – Explore examples on Sagemaker

