

Cloud Onboarding for AWS

AWS (Amazon Web Services)

Amazon is the 800lb guerilla of cloud computing. If you could only pick one cloud to focus on initially, this would be an ideal choice. There are several ways to get started.

AWS Free Tier

The Free Tier is one of the best choices to get started with the AWS Cloud. I often recommend students use a Free Tier account along with supplemental labs. There is no substitute for working in a real environment.

AWS Academy

Any academic institution wanting to teach cloud computing should register their organization with AWS Academy. In turn, you will get:

- official certification training material
- comprehensive labs through Vocareum³⁸

AWS Educate

AWS Educate has many tools useful for education. Students can directly register for an account and get access to AWS labs and content. Another useful tool is the ability to register for jobs.

AWS Training

The AWS training website provides hundreds of free content hours and the ability to register for AWS Certifications.

Onboarding with AWS

The ideal and recommended approach to developing software and using the platform is to use a cloud-based development environment. AWS has both a cloud shell³⁹ and full cloud IDE in AWS Cloud9⁴⁰. Either is suitable for the task of onboarding and doing light tasks.

Using AWS Cloud-Based Development environment

To start setting up a Cloud-based development environment on AWS, follow on with this section's steps. You can also refer to this Github project on multi-cloud-onboard⁴¹.

³⁸<https://www.vocareum.com/>

³⁹<https://aws.amazon.com/cloudshell/>

⁴⁰<https://aws.amazon.com/cloud9/>

⁴¹<https://github.com/noahgift/multi-cloud-onboard>