aws

Learn, Certify, Practice & Employ

Bridging the education to workforce

Questions? Contact your program coordinator.

How are we preparing students for in-demand cloud roles?

Learn

Certify

Practice

Employment

Students learn about AWS through our series of bootcamps

Academy Cloud Foundations (20 hours of training)

- Provides a detailed overview of cloud concepts, AWS services, security, architecture, pricing, and support
- Helps students prepare for the AWS Certified Cloud Practitioner exam

Academy Cloud Architecting (40 hours of training)

- Provides an overview of AWS services, as well as how these services fit into cloud-based solutions
- Features case studies and exercises on how to build a variety of architectures
- Helps students prepare for the AWS Certified Solutions Architect – Associate exam

Students on Academy are subsidized with a 50% discount voucher to take the AWS certification (optional)

- Foundation certification: Original price: USD $100, After 50% discount: USD $50
- Associate certifications: Original price: USD $150, After 50% discount: USD $75

Students are put through a game simulation – AWS Jam on AWS Management Console

- Participants experience a wide range of AWS services in a series of prepared scenarios that represent common use-cases and operational tasks
- Please see next slides for more info

Students are then channeled to virtual career fair to meet prospective employers to gain entry-level cloud opportunities

aws academy Graduate

aws certified Cloud Practitioner

aws certified Solutions Architect Associate

AWS JAM

EMERGE CAREER SUMMIT

Learn: Cloud Bootcamps

Register for the bootcamp here: https://app.smartsheet.com/b/form/2a6
f2b017823448f892ba5732e9344a7

Is this bootcamp free? Do I have to pay?
Bootcamp training is free for both educators and students.

Is it compulsory to sit for the certification after the bootcamp?
No, it's optional but we highly encourage. If you pass the bootcamp's final assessment, we will offer you 50% discount voucher for the AWS Cloud Practitioner Certificate / AWS Associate Solution Architect, depending on which course you are enrolled in. This discount is available for students and educators only.

What language is this bootcamp conducted in?
The course will be taught in mainly Vietnamese, with some content in English.

Where will this bootcamp be held? Is it physical or virtual?
All bootcamp lessons are virtual, held online. The room link will be sent to you once we process the registration after it closes, please be patient.

What if I miss the live session? Is there a makeup lesson?
The training session will be recorded, you can watch the recording if you miss it. The recording will be posted on the AWS Academy platform.

Is there anyone that can answer my technical questions during the bootcamp?
Yes, please ask your question on the AWS Academy course forum and/or Slack channel (if any). Our instructors and teaching assistants will answer your questions.

How do I access the AWS Academy platform?
You will be enrolled onto our platform once we process the registration after it closes, please be patient.

Learn: Cloud Bootcamps – Course Outline & Training Schedule

This is a LIVE instructor-led training session taught in Vietnamese.
All sessions are conducted in Vietnam time (GMT+7) and will be recorded, you may watch the recording if you miss the sessions.

Date/Time	AWS Academy Cloud Foundations
21 February 2022 Monday 16:00 to 18:00	Training Orientation Module 1 – Cloud Concepts Overview
22 February Tuesday 16:00 to 18:00	Module 2 – Cloud Economics and Billing Module 3 – AWS Global Infrastructure Overview
23 February Wednesday 16:00 to 18:00	Module 4 – Cloud Security Module 5 – Networking and Content Delivery-Part1
24 February Thursday 16:00 to 18:00	Module 5 – Networking and Content Delivery-Part2 Module 6 – Compute
25 February Friday 16:00 to 18:00	Module 7 – Storage Module 8 – Databases
28 February Monday 16:00 to 18:00	Module 9 – Cloud Architecture Module 10 – Automatic Scaling and Monitoring
01 March Tuesday 16:00 to 18:00	Cloud Practitioner Exam Readiness
06 March Sunday 09:00 to 23:00 (take this when you are ready, within this time frame)	Final Assessment - a 60minute quiz to test you on your knowledge after completing all learning modules. You can only take this final assessment once, please prepare for it. If you pass the final assessment, you will be able to redeem your digital badge on Credly and apply for a 50% certification voucher if you wish to sit for the certificate exam.

Date/Time	AWS Academy Cloud Architecting
02 March 2022 Wednesday 16:00 to 18:00	Familiarization with Lab Grading System Module 1 –Welcome to AWS Academy Cloud Architecting Module 2 –Introducing Cloud Architecting
03 March Thursday 16:00 to 18:00	Module 3–Adding a Storage Layer
04 March Friday 16:00 to 18:00	Module 4 –Adding a Compute Layer
07 March Monday 16:00 to 18:00	Module 5 –Adding a Database Layer
08 March Tuesday 16:00 to 18:00	Module 6 –Creating a Networking Environment Module 7 –Connecting Networks
09 March Wednesday 16:00 to 18:00	Module 8 –Securing User and Application Access
10 March Thursday 16:00 to 18:00	Module 9 – Implementing Elasticity, High Availability, and Monitoring Module 10 –Automating Your Architecture-part1
11 March Friday 16:00 to 18:00	Module 10 –Automating Your Architecture-part2 Module 11 –Caching Content
14 March Monday 16:00 to 18:00	Module 12 –Building Decoupled Architectures Module 13 –Building Microservices and Serverless Architectures-part1
15 March Tuesday 16:00 to 18:00	Module 13 –Building Microservices and Serverless Architectures-part2 Module 14 – Planning for Disaster Module 15 – Bridging to Certification and Exam Preparation
16 March Wednesday 16:00 to 18:00	Associate Solutions Architect Exam Readiness
20 March Sunday 09:00 to 23:00 (take this when you are ready, within this time frame)	Final Assessment - a 60minute quiz to test you on your knowledge after completing all learning modules. You can only take this final assessment once, please prepare for it. If you pass the final assessment, you will be able to redeem your digital badge on Credly and apply for a 50% certification voucher if you wish to sit for the certificate exam.

Get AWS certified after learning

Phase 1 — **Go through the AWS Academy Cloud Foundations / Architecting course**

- Course and content is free for students and educators
- Familiarize yourself with cloud concepts
- Curriculum is mapped to AWS certification

Phase 2

Optional

Sit for the AWS Cloud Practitioner Certificate / Associate Solution Architect Certificate

- Sit for a 90 minutes examination (MCQ)
- Foundation certification: Original price: USD $100, After 50% discount: USD $50
- Associate certifications: Original price: USD $150, After 50% discount: USD $75
- Live online proctoring or physical exam paper (Pearson VUE or PSI)
- Comes with a unique verification number to authenticate your certification
- 3 year certificate validity, if you wish to renew you will have to take the certificate again

aws academy

Valerie Leong

Certificate of Completion for
AWS Academy Graduate - AWS Academy Cloud Foundations

Course hours completed
20 hours

Issued on
06/24/2021

Digital badge
https://www.credly.com/go/GCmu2ykb

aws academy Graduate

aws certified **Cloud Practitioner**

aws certified **Solutions Architect** Associate

aws CERTIFIED

Valerie Leong

has successfully completed the AWS Certification requirements and has achieved their:

AWS Certified Cloud Practitioner

Issue Date
Jul 02, 2020

Expiration Date
Jul 02, 2023

Maureen Lonergan
Director, Training and Certification

Validation Number
Validate at: http://aws.amazon.com/verification

Practice through game simulation: AWS Jam

Qualified participants will be invited to the Jam session, which is free for students.

Play

Through these challenges participants learn **AWS best practices** during a fun interactive event designed for all different levels of expertise (easy/medium/hard).

You are helping your company to migrate from your datacenter to AWS. During the migration process there are often some reconfiguration steps, from database endpoint or proxy settings to package deployment. These steps can be error prone as well as time consuming so automating them is necessary for scaling migrations.
Your challenge is to use AWS Sytems Manager to perform some reconfiguration on the migrated servers.

Learn

By completing the challenges the participants are learning **how** actually use AWS services **to solve problems**, but more importantly they are also learning the best practices associated to those services.

Solving this Challenge

Your challenge is to perform some application reconfiguration to reconnect the web server with the application database.

Using AWS Systems Manager, you should be able to perform some tasks on the migrated server without having to manually connect to it.

When you have finished the challenge, the website should display the answer. The website address is : http://[your ec2 public IP address]

In your lab environment you'll find :

- A public EC2 Instance
- A config.php file in /var/www/html that contains the settings
- A MySQL RDS database

Validate

The Jam platform also validates that you completed the challenge correctly and then also **compares** how participants did on the challenge against all other participants that attempted the challenge. This provides us with **better metrics around the performance** of the participants.

Leaderboard

Rank	Team	# Completed	Score	Max Score
1st	🏆 Sev 1	2	416	4898
2nd	🏆 We be jammin	2	354	4855
3rd	🏆 We're Doing It Wrong	1	270	4990

Employment: ASEAN Virtual Career Fair

The Emerge Career Summit is a virtual career fair organized in conjunction with AWS Education To Workforce team to help job seekers land their next career opportunity in various industries and companies.

Target Audience: Tertiary students and early career to experienced hire professionals
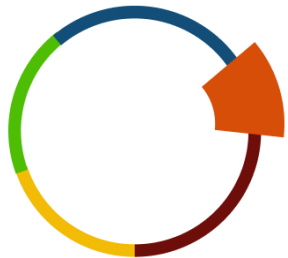
Participation is **free of charge.**

Co-organized by:

Date: 29 and 30 March 2022, timing to be updated. Sign up links will be provided to our bootcamp students via email closer to date.

Soft Skill Breakdown

Leadership - 10%

Ability to influence, motivate and enable others to contribute toward the effectiveness of the organisation.

In order of most displayed BC to least,
1. Synergiser
2. One Of Integrity And Fairness
3. Visionary
4. Empowering
5. Emphatetic
6. Target Setter

Before the career fair
Document your soft and hard skills, stand out by completing the skills modules to assess your topic familiarity.

Skills Modules

Copywriting Module	Google Analytics Module	Python Data Analytics Module
COMPANIES THAT REQUIRE THIS SKILL	COMPANIES THAT REQUIRE THIS SKILL	COMPANIES THAT REQUIRE THIS SKILL
Augmentus The Kettle Gourmet Sh	Shopee Lazada ShopBack ShopBa	Cyber Security Agency of Singapore
Employer Branding Module	Design Module	Financial Modelling Module
COMPANIES THAT REQUIRE THIS SKILL	COMPANIES THAT REQUIRE THIS SKILL	COMPANIES THAT REQUIRE THIS SKILL
Bob the Baker Boy Pte Ltd The Kettl	Ally Media Pte Ltf One Food Story O	PwC KPMG
Marketing Campaign Module	Key Performance Indicator (KPI) Module	Sales Pitch Module
COMPANIES THAT REQUIRE THIS SKILL	COMPANIES THAT REQUIRE THIS SKILL	COMPANIES THAT REQUIRE THIS SKILL
Augmentus The Kettle Gourmet Sh	ShopBack	ShopBack The Kettle Gourmet CRE

During the career fair
Participate in 1-1 interview with recruiters from various industries/companies and visit the different booths.