AWS Technical Essentials

LENGTH

1 day

AWS AT LUMIFY WORK

Lumify Work is an official AWS Training Partner for Australia, New Zealand, and the Philippines. Through our Authorised AWS Instructors, we can provide you with a learning path that's relevant to you and your organisation, so you can get more out of the cloud. We offer virtual and face-to-face classroom-based training to help you build your cloud skills and enable you to achieve industry-recognised AWS Certification.

WHY STUDY THIS COURSE

This course introduces you to essential AWS services and common solutions. The course covers the fundamental AWS concepts related to compute, database, storage, networking, monitoring, and security. You will start working in AWS through hands-on course experiences.

The course covers the concepts necessary to increase your understanding of AWS services, so that you can make informed decisions about solutions that meet business requirements. Throughout the course, you will gain information on how to build, compare, and apply highly available, fault tolerant, scalable, and cost-effective cloud solutions.

This course includes presentations, hands-on labs, demonstrations, videos, and knowledge checks.

WHAT YOU'LL LEARN
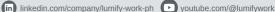
This course is designed to teach participants how to:

> Describe terminology and concepts related to AWS services

> Navigate the AWS Management Console

> Articulate key concepts of AWS security measures and AWS Identity and Access Management (IAM)

> Distinguish among several AWS compute services, including Amazon Elastic Compute Cloud (Amazon EC2), AWS Lambda, Amazon Elastic Container Service (Amazon ECS), and Amazon Elastic Kubernetes Service (Amazon EKS)

> Understand AWS database and storage offerings, including Amazon Relational Database Service (Amazon RDS), Amazon DynamoDB, and Amazon Simple Storage Service (Amazon S3)

https://www.lumifywork.com/en-ph/courses/aws-technical-essentials/

LUMIFY work

✉ ph.training@lumifywork.com   f facebook.com/LumifyWorkPh   🐦 twitter.com/LumifyWorkPH
🌐 lumifywork.com   in linkedin.com/company/lumify-work-ph   ▶ youtube.com/@lumifywork

> ❯ Explore AWS networking services

> ❯ Access and configure Amazon CloudWatch monitoring features

"

My instructor was great being able to put scenarios into real world instances that related to my specific situation.

I was made to feel welcome from the moment I arrived and the ability to sit as a group outside the classroom to discuss our situations and our goals was extremely valuable.

I learnt a lot and felt it was important that my goals by attending this course were met.

Great job Lumify Work team.

AMANDA NICOL
IT SUPPORT SERVICES MANAGER – HEALTH WORLD LIMITED

AWS Technical Essentials

✉ ph.training@lumifywork.com   f facebook.com/LumifyWorkPh

🌐 lumifywork.com   in linkedin.com/company/lumify-work-ph   ▶ youtube.com/@lumifywork

COURSE SUBJECTS

Module 1: Introduction to Amazon Web Services

- Introduction to AWS Cloud

- Security in the AWS Cloud

- Hosting the employee directory application in AWS

- Hands-On Lab: Introduction to AWS Identity and Access Management (IAM)

Module 2: AWS Compute

- Compute as a service in AWS

- Introduction to Amazon Elastic Compute Cloud

- Amazon EC2 instance lifecycle

- AWS container services

- What is serverless?

- Introduction to AWS Lambda

- Choose the right compute service

- Hands-On Lab: Launch the Employee Directory Application on Amazon EC2

Module 3: AWS Networking

- Networking in AWS

- Introduction to Amazon Virtual Private Cloud (Amazon VPC)

- Amazon VPC routing

- Amazon VPC security

**Lumify Work
Customised Training**

We can also deliver and customise this training course for larger groups saving your organisation time, money and resources.

For more information, please contact us on 02 8286 9429.

https://www.lumifywork.com/en-ph/courses/aws-technical-essentials/

LUMIFY work

✉ ph.training@lumifywork.com   f facebook.com/LumifyWorkPh   t twitter.com/LumifyWorkPH

🌐 lumifywork.com   in linkedin.com/company/lumify-work-ph   ▶ youtube.com/@lumifywork

- Hands-On Lab: Create a VPC and Relaunch the Corporate Directory Application in Amazon EC2

Module 4: AWS Storage

- AWS storage types

- Amazon EC2 instance storage and Amazon Elastic Block Store (Amazon EBS)

- Object storage with Amazon S3

- Choose the right storage service

- Hands-On Lab: Create an Amazon S3 Bucket

Module 5: Databases

- Explore databases in AWS

- Amazon Relational Database Service

- Purpose-built databases

- Introduction to Amazon DynamoDB

- Choose the right AWS database service

- Hands-On Lab: Implement and manage Amazon DynamoDB

Module 6: Monitoring, Optimisation, and Serverless

- Monitoring

- Optimisation

- Alternate serverless employee directory application architecture

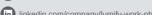- Hands-On Lab: Configure High Availability for Your Application

Module 7: Course Summary

AWS Technical Essentials

✉ ph.training@lumifywork.com   f facebook.com/LumifyWorkPh

🌐 lumifywork.com   in linkedin.com/company/lumify-work-ph   ▶ youtube.com/@lumifywork

Please note: This is an emerging technology course. Course outline is subject to change as needed.

WHO IS THE COURSE FOR?

This course is intended for:

- Individuals responsible for articulating the technical benefits of AWS services to customers

- Individuals interested in learning how to get started with AWS

- SysOps administrators

- Solutions architects

- Developers

PREREQUISITES

It is recommended that attendees have:

- IT experience

- Basic knowledge of common data center architectures and components (servers, networking, databases, applications, and so on)

- No prior cloud computing or AWS experience required

https://www.lumifywork.com/en-ph/courses/aws-technical-essentials/