

about Cloud Architecture

Cloud architecture is the backbone of modern IT systems, enabling scalable, flexible, and cost-effective solutions for businesses, developers, and individuals. This workshop will provide an overview of the core building blocks of cloud environments, focusing on practical concepts and services that participants can apply in their own projects.

Workshop Level:

Basic + Intermediate

(Open and free for anyone interested in learning)

Instructor

Abdelrahman Mohamed

<https://www.linkedin.com/in/abdelrahman-mohamed-9b0487210/>

Agenda

- Introduction
Overview of cloud concepts and the role of cloud architecture in today's digital world.
- Resources and Access Management
Identity, permissions, and policies for secure and efficient resource management.
- Compute and Storage Options
Understanding virtual machines, containers, object storage, and block storage.
- Network Services
How networking in the cloud works, including load balancers, VPCs, and security groups.
- References
Useful learning materials, documentation, and resources to continue your cloud journey.

Objectives

By the end of the workshop, participants will be able to:

- Understand the fundamental components of cloud architecture.
- Compare different compute and storage options for their needs.
- Identify where to find reliable references for deeper learning and get certified.

Slides

https://drive.google.com/file/d/19G41OmC7Z2z3qrzfTQJ9ZT0HCgaF3Jsl/view?usp=share_link

References

AWS Certified Solutions Architect

https://drive.google.com/file/d/1Ery9v06NK9PkKFlac9Vsw98zFveXIR9e/view?usp=share_link

Official Google Cloud certified Professional Cloud architect

https://drive.google.com/file/d/1KyE8PBEQ2aC8g2mzRZ6D_CbNOzPigeZ3/view?usp=sharing

Recording

https://drive.google.com/file/d/1ERNtSyOb30qJjY7gg18xr5TqkPugAwMp/view?usp=share_link

Links

- <https://cloud.google.com/innovators/getcertified?hl=en>
- <https://docs.aws.amazon.com/>
- <https://cloud.google.com/docs>
- <https://discuss.google.dev/>
- <https://www.examttopics.com/>
- <https://learn.microsoft.com/en-us/azure/?product=popular>

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