



LEARNING PLAN

Cloud Computing Fundamentals

The cloud continues to rapidly evolve and change today's work environments. Learn about the differences between on-premises and cloud-hosted applications and systems. Dig into the concepts of IaaS, PaaS, and SaaS to see how they can revolutionize your approach to IT.

Areas of focus

- What is cloud computing?
- Different types of clouds
- Common cloud platforms

Curriculum

VIDEOS FROM COURSE

AWS: Technical Essentials	4 hours
<input type="checkbox"/> What is Amazon Web Services (AWS)	13 min
<input type="checkbox"/> AWS Infrastructure and Services	11 min
<input type="checkbox"/> Demo: AWS Management Console	11 min
<input type="checkbox"/> AWS Elastic Compute Cloud (EC2)	11 min
<input type="checkbox"/> Storage Options for EC2 Instances	10 min
<input type="checkbox"/> Advanced EC2 Features	11 min
<input type="checkbox"/> Demo: AWS Elastic Compute Cloud (EC2)	17 min
<input type="checkbox"/> AWS Simple Storage Service (S3)	9 min
<input type="checkbox"/> AWS S3 Concepts	9 min
<input type="checkbox"/> Advanced S3 Features	10 min
<input type="checkbox"/> Demo: AWS Simple Storage Service (S3)	12 min
<input type="checkbox"/> Demo: AWS Elastic Block Store (EBS)	11 min
<input type="checkbox"/> Demo: AWS Virtual Private Cloud (VPC)	16 min
<input type="checkbox"/> AWS Shared Responsibility Model	12 min
<input type="checkbox"/> Demo: Security Group and Network ACLs	12 min
<input type="checkbox"/> AWS Identity and Access Management (IAM)	13 min
<input type="checkbox"/> Demo: Identity and Access Management	12 min
<input type="checkbox"/> AWS Relational Database Service (RDS)	11 min
<input type="checkbox"/> Demo: AWS Relational Database Service (RDS)	11 min
<input type="checkbox"/> AWS NoSQL DynamoDB	14 min
<input type="checkbox"/> Demo: AWS NoSQL DynamoDB	6 min
<input type="checkbox"/> AWS Auto Scaling	13 min

Prerequisite Plans

INTRODUCTORY LEVEL

[Introduction to IT](#)



Current Plan

FUNDAMENTAL LEVEL

Cloud Computing Fundamentals



Possible Next Plans

ASSOCIATE LEVEL

[Virtualization Platforms & Implementation](#)
[Cloud Concepts & Platforms](#)

VIDEOS FROM COURSE

Google Compute Engine: Qualified Developer

Videos 1-10 2 hours

<input type="checkbox"/> Introduction to Google Compute Engine	10 min
<input type="checkbox"/> Getting Started with GCE	11 min
<input type="checkbox"/> Demo: Getting Started with GCE	14 min
<input type="checkbox"/> Instances	14 min
<input type="checkbox"/> Demo: Instances	15 min
<input type="checkbox"/> Persistent Disks	16 min
<input type="checkbox"/> Demo: Persistent Disks	13 min
<input type="checkbox"/> Images and Snapshots	13 min
<input type="checkbox"/> Demo: Images	16 min
<input type="checkbox"/> Demo: Snapshots	12 min