



Welcome to AWS Fundamentals: Going Cloud-Native

- ✓ **Video:** Welcome to AWS Fundamentals: Going Cloud-Native
2 min
- ✓ **Reading:** Course Welcome Notes
5 min
- ✓ **Video:** Meet the Instructors
1 min
- ✓ **Discussion Prompt:** Introduce Yourself
5 min

Overview of AWS

- ✓ **Video:** AWS Overview
4 min
- ✓ **Reading:** AWS Overview Notes
10 min
- ▶ **Video:** AWS Infrastructure Part 1
5 min
- ▶ **Video:** AWS Infrastructure Part 2
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- 📋 **Quiz:** AWS Infrastructure Quiz
4 questions

Compute

- ▶ **Video:** What is our Sample App?
2 min
- ▶ **Video:** Introduction to Compute Services on AWS
2 min



AWS Overview Notes

What Is Cloud Computing?

Cloud computing is the on-demand delivery of compute power, database storage, applications, and other IT resources through a cloud services platform via the internet with pay-as-you-go pricing.

Six Advantages and Benefits of Cloud Computing

- Trade capital expenses for variable expense
- Benefit from massive economies of scale
- Stop guessing capacity
- Increase speed and agility
- Stop spending money on running and maintaining data centers
- Go global in minutes

Additional information is available at:

<https://aws.amazon.com/what-is-cloud-computing/>.

Deployment Models

There is a range of deployment models, from all on-premises to fully deployed in the cloud. Many users begin with a new project in the cloud, and they might integrate some on-premises applications with these new projects in a hybrid architecture. They might decide to keep some legacy systems on-premises. Over time, they might migrate more and more of their infrastructure to the cloud, and they might eventually reach an all-in-the-cloud deployment.

Details can be found at:

<https://aws.amazon.com/types-of-cloud-computing/>.