



AWS History and Introduction

- **History**
- **Why to learn AWS**
- **Global Infrastructure**
- **Services offered**
- **AWS Free tier**



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History

- 2002 - Launched internally for Amazon
- 2004 - Launched publicly with SQS(Simple Queue Service - Fully managed messaging queue for microservices)
- 2006 - Expanded the offering and launched services like SNS, EC2 and S3 etc., which is now called AWS
- 2007 - First expansion to Europe



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Why to learn AWS

- More than 50% market share
- Fastest growing cloud provider
- Variety of services
- Pay as you go
- Free tier



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Global Infrastructure

- Region - separate geographic areas
- Availability Zone - one or more discrete data centers
- Edge Location - Data Center used to deliver content fast to your users
- Local zone: Infrastructure deployment closer to population, industry, and IT centers
- https://aws.amazon.com/about-aws/global-infrastructure/regions_az/



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Services offered

- Over 200 services divided in different categories like storage, compute, automation, monitoring, database, development etc
- <https://aws.amazon.com/products>
- How to learn about a service ? (<https://aws.amazon.com/{service}/>)





AWS Free tier

- <https://aws.amazon.com/free>
- Three types of services: Free trial, 12 months free and always free.
- Create free account: <https://aws.amazon.com/free>
- Creating Budget on AWS
- Demo on CloudFormation - Infrastructure as a code

