Amazon Web Services, Part 1 of 8: Basics

Meet the expert: David Fraas is a technology evangelist specializing in cloud cover.His passion has become his expertise in web applications, product marketing and cloud solutions architecture. David is a certified cloud architect and has been providing his digital leadership through consulting and training for over 15 years. His company, Digital6 Technologies architects, builds and manages excellent cloud solutions for data migration, backup and disaster recovery.

Prerequisites: The AWS Essentials course is for those who are new to Amazon Web Services. You will be introduced to AWS, setting up your own AWS account, and an overview of all of the AWS services. We also dive deeper into AWS's core services. This course assumes a basic understanding of cloud services, but no previous experience with AWS is assumed or required.

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Course description: Explore why more businesses than ever are utilizing cloud services, and why it may be time that your company considers using a cloud service, such as Amazon Web Services (AWS), for its business needs. Discover what AWS can offer your business with a brief overview followed by a look at some common services to enhance your experience and utilization. Then, become familiar with the extensive yet approachable AWS support area, where nearly any question can be answered within minutes for free.

Course outline:

Overview
- Introduction
- Amazon Web Service Overview
- The AWS History so Far
- AWS Customers
- AWS Global Infrastructure, Regions I
- Demo: AWS.Amazon.com
- AWS Global Infrastructure, Regions II
- AWS Global Infrastructure, Edge Locations
- Demo: Edge Locations
- AWS Management Console
- Demo: AWS Management Console
- Summary

Core Services
- Introduction
- Core Services Overview
- Compute
- Demo: Compute - EC2
- Demo: Compute – Lightsail
- Database Storage
- Demo: Database
- Storage
- Demo: Storage
- Networking and Content Delivery
- Demo: Networking and Content Delivery
- Migration
- Demo: Migration
- Management Tools
- Demo: Management Tools
- Summary

Services Continued
- Introduction
- Services Overview Continued
- Application Services
- Demo: Application Services
- Messaging
- Demo: Messaging, SQS
- Demo: Messaging, SNS
- Demo: Messaging, SES
- Analytics
- Demo: Analytics
- Developer Tools
- Demo: Developer Tools
- Mobile Services
- Demo: Mobile Services
- Internet of Things
- Demo: Internet of Things
- Desktop and App Streaming
- Demo: Desktop and App Streaming
- Artificial Intelligence
- Demo: Artificial Intelligence
- Summary

Support
- Introduction
- AWS Support
- Demo: Support
- Demo: Support - Other
- Summary