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AWS Training

Email Contact: info@educba.com



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Course Overview

It is an amazing collection of practical and hands-on learning of the most updated training programs and projects in the area of AWS. You will also get verifiable certificates (unique certification number and your unique URL) when you complete each of the 10 courses.

It will explain you concepts such as AWS, Cloud computing, Data storage, DevOps, Machine learning and much more right from the basics to advanced concepts.

AWS Skills

We learn the following skills:

- You will learn how to sign up to Amazon Web Service to get hands-on AWS service available today secondly how to use command line interface for this tool, creating a website and finally building windows and Linux servers.
- AWS cloud Admin requires tangible skills in AWS (certification is mandatory for profession level of AWS).

Course Features



Course Duration-
54+ Hours



Number of Courses



Verifiable
Certificates



Lifetime Access



Technical
Excellence

About AWS

AWS is completely Platform Independent and no knowledge in Operating System is required. There are many scenarios where AWS isn't an option. There are many AWS use cases: A small manufacturing Organization can use his expertises and expand his business through reproduction where leading IT management to AWS. A large enterprise spread across the globe.

Architecture construction prototypes. Media company provides different types of contact (video, audio) to the worldwide customers.

AWS provides end – to -end security and privacy policy to its customers.

AWS Course

This is a Bundle Course that includes complete in-depth AWS Learning Courses combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as a AWS Learning professional.



AWS Amazon Web Services Cloud 2019

Section 1. Introduction

- Introduction to AWS - Cloud Computing

Section 2. Launching a Server

- Launching a Server
- Adding Tags
- Launching a Windows Instance

Section 3. AWS - Data Storage

- Data storage Using S3
- AWS - EBS
- Running Instance
- Terminate Instances
- RDS and Dynamo DB Overview
- Delete DB Instance
- AWS - EFS Demo

Section 4. AWS - Java API

- S3 Java API
- Dynamo DB Java API
- Connecting to RDS - MySQL
- My SQL Driver

Section 5. AWS - CLI

- S3 using CLI
- AWS - Syn Command
- Amazon DynamoDB Using
- Amazon RDS Using CL

Section 6. AWS - S3 Static Website

- Static website Using S3
- AWS - Set Permission
- Point your Domain to S3 Static Website
- Name Servers
- Create Record Set



AWS Amazon Web Services Cloud 2019

Section 7. AWS -Security

- Security Pre Work
- IAM in AWS
- Creating New User
- Storage C3
- AWS - MFA in AWS
- Source Vs Destination

Section 8. Launching a Server

- Infrastructure as Code
- Resources Name - AWSCF Bucket
- Deployment Cloud Formation
- Changing Access Control
- Key Name - Key Val
- Deployment Elastic Beanstalk
- Creating Sample ENV
- Deployment Ops Works Demo
- Cloud Front Demo

Section 9 . AWS - Security Continued

- Security Groups
- More on Security Groups
- Creating a VPC
- Virtual Private Cloud
- Elastic IP
- Allocate New Address
- ELB Demo
- Elastic Map Reduce
- Amazon Cluster Running

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AWS Certified Solution Architect – Associate 2019

Section 1. Build Pipeline

- Introduction to AWS Certified Solution Architect - Associate level

Section 2. History

- History of AWS
- Building Blocks of AWS

Section 3. AWS Concepts and Components

- AWS Concepts and Components
- Compute
- Storage
- App Services
- Deployment and Administration

Section 4. Identity and Access Management

- Identity and Access Management
- How to Use IAM
- Manage MFA Device
- Entities of Identity and Access Management
- Create New Role
- About Policies
- Identity Providers

Section 5. AWS Storage Components

- Simple Storage Services S3
- S3 Storage Classes
- S3 Versioning
- S3 Security
- Create Bucket
- Suspend Versioning
- Life Cycle Policies
- Cloud Front

Section 6. Elastic Compute Cloud (EC2)

- Amazon EC2
- EC2 Options
- Launching an EC2 Instance
- Security Groups
- Volumes and Snapshots
- Creating an AMI
- ELB Setup
- ELB Configuration
- Cloud Watch
- AWS Command Line
- Using IAM Role with EC2
- Launch Ec2 with Bootstrap Script
- Creating Launch Configuration for Auto Scaling
- Creating Auto Scaling Group

Section 7. Route 53 and Database on AWS

- Route53
- Database in AWS
- Database Instances
- DynamoDB
- Database Technologies

Section 8. Virtual Private Cloud(VPC)

- VPC Overview
- VPC Creation
- Creating Instance in Private Subnet
- NAT Gateway

Section 9. Application Services

- Simple Queue Service
- Simple Workflow Service
- Simple Notification Service

Section 10. Real World Scenario

- Create a Highly Available Website
- Launching the Website Using Ec2 Instance
- Create a Elastic Load Balance for Website



AWS Certified Solution Architect – Associate 2019

Section 11. Tips to Build a Good Infrastructure in AWS

- Architecting the Cloud
- Design Principle for the AWS
- Stateless Component
- High Availability Design Principle
- Automation Techniques
- Loose and Tight Coupling
- Removing Single Point of Failure
- Optimize For Cost

Section 12. Route 53 and Database on AWS

- Exam Tips
- Method Assist in Exam
Preparation
- Scalable Component
- Data Security

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Amazon Cloud Computing – Hosting an ASP.NET Website on Amazon EC2

Section 1. Introduction

- Introduction to Amazon Cloud Computing
- Setting Up AWS EC2 and Hosting

Section 2. Creating Free AWS Account

- Creating Free AWS Account

Section 3. Configure and Launching

- Configure an EC2 instance
- Virtual Private Cloud (vpc)
- Amazon Machine Image (AMI)
- Configuring IAM Roles
- Creating a Policies of Amazon AWS
- Services of the EC2
- EBS Volume
- Use of EC2 Instance
- Add role and Features Wizard in EC2

Section 4. Installing

- Install MSSQL on EC2 Using BITS Transfer
- Post Configuring of EC2 Instance
- Install SQL server using link of EC2 on Chrome
- Setup of SQL Server 2012

Section 5. Wbesite_Overview and Wbesite Development

- Structure of ASP.NET Website
- Database for the Website on ASP.Net
- Creating a Login and signup Page in ASP.Net
- Creating AWS Data Layer in ASP.NET

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Amazon Cloud Computing - Hosting an ASP.NET Website on Amazon EC2

Section 6. Working With SQL

- Creating A Album Logic Class
- Configuration of PI Upload and Upload Image

Section 7. Hosting Website on EC2

- Hosting Website on Ec2 Instance
- Set Credential of Ec2 Instance
- Creating an Album on Ec2 Instance
- Extending Capacity of Ec2 Instance

Section 8. AWS S3 - Understanding Versioning in S3

- Introduction S3 Versioning
- Creating S3 Versioning

Section 9. AWS S3 - Access Key Management for using with AWS API

- Best Practices Access Key Management
- Key Management in Access Key Management

Section 10. AWS S3 - Integrating S3 using AWS C# API

- Creating a New Access Key
- Creating a AWS Wrapper
- Upload Image using Bucket
- Lower Method
- Streaming Data Method
- List The Object From Bucket
- Creating Select Button in S3 Bucket
- Get Signed Url Method
- Creating Remove Button In S3 Bucket
- Introduction to AWS Cloud Front
- Configure the AWS Cloud Front
- Creating the Cloud Front Distribution
- Creating a Customize Cloud Front Using ASP.NET

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AWS Technical Essentials Training

Section 1. Introduction

- Introduction to AWS Technical Essentials Training

Section 2. AWS Setup

- AWS Setup

Section 3. Identity and Access Management

- IAM - Create Users
- Create Groups
- Create Policies
- IAM Roles
- MFA
- AWS SDK Net Setup
- AWS Console Application

Section 4. VPC

- Virtual Private Cloud
- Creating VPC Gateway
- Creating Virtual Private Cloud
- VPC with Public and Private Subnet
- Review of the Network
- Security Groups
- NACL

Section 5. Elastic Compute Cloud

- Introduction to EC2
- EBS Volume Detached and Destroy
- RDP to EC2 Instance
- Load Balancers Introduction
- Creating EC2 for Load Balancer
- Creating Load Balancer
- Sticky Sessions
- Auto Scaling Groups
- EBS Volume
- More on EBS Volume
- Creating a Snapshot and Configure

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AWS Technical Essentials Training

Section 5. Storage

- Introduction about Amazon S3
- Objects Life Cycle of S3 Buckets
- S3 Versioning and Cross Region replication in S3
- AWS Command Line Interface (CLI)
- Other Features in Amazon S3

Section 6. Database

- Introduction to Relational Database Service
- MySQL Relational Database Service Setup
- MySQL Relational Database Service Login
- Creating Dynamo Database Table
- Secondary Indexes in DynamoDB
- AWS Red Shift
- AWS Red Shift Continues
- Creating a Red Shift Cluster
- How to Connect to Red Shift
- Red Shift from JackDB

Section 7. Other Important AWS Services

- Creating an Elastic Bean Stalk
- Upload and Deploy Methods in AWS Beanstalk
- Simple Notification Service (SNS)
- Integrating Cloud Watch with SNS
- AWS Lambda
- AWS Lambda Function
- AWS Cloud Front Distribution
- AWS Cloud Formations and Its Example
- Cloud Watch Dashboard
- AWS Cloud Watch Events

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AWS Simple Email Service

Section 1. Introduction

- Introduction to AWS Simple Email Service (SES)
- Example of AWS Simple

Section 2. Sending Email using SMTP

- Creating Amazon SES using SMTP
- Creating Configuration Sets of SMTP

Section 3. Sending Email using SES API

Sending Email using SES API

Section 4. Email Templates

- Email Templates Using AWS SES
- Personalized Email using SES API
- Output of Email Templates using AWS SES

Section 5. Email Templates - Sending Personalized Emails

- Selections Statement
- Taking Input Decision
- Defining New Functions

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AWS Certified DevOps Engineer

Section 1. Introduction

- Introduction to AWS Certified Devops Engineers

Section 2. Getting Started

- Prerequisites for the Exam
- AWS Certified Devops Engineer
- AWS Cloud Formation Documentation

Section 3. Understanding Devops Mindsets

- Understanding Devops Mindsets
- Devops Principles
- CI and CD Principles

Section 4. Understanding Application

Life Cycle Management

- Version Control and Version control Tools
- Working With AWS Power Shell
- Understanding Application Life Cycle Management
- AWS Code Deploy and Code Pipeline Creating
- Environment Configuration in AWS
- Creating Build Stage for Pipeline in Lifecycle Management
- Implementing Test Case Using Jenkin Pipeline

Section 5. Automating Infrastructure

with Cloud Formation

- AWS Cloud Formation
- Working Using Json Object in AWS Cloud Formation
- Creating Simple Cloud Formation Templates
- Working with Json Validators
- Single Instance with Templates
- Single Instance with Templates Example
- Creating and Configure Instance
- Wait Condition Web Instance



AWS Certified SysOps Administrator – Associate 2019

Section 1. Introduction

- Introduction to AWS Certified SysOps
- Introduction to Cloud Computing

Section 2. Virtual Private Cloud (VPC)

- AWS Services
- Creating VPC
- Default VPC
- Public Subnet and Private Subnet
- Basic Characteristics of Security Groups
- Internet Gateways
- Route Tables

Section 3. List Examples and List Comprehension

- Create VPC
- Configure Instance
- Subnet Associations
- Peering Connections

Section 4. EC2

- EC2
- Instance Store
- Dedicated Hosts
- AMIs

Section 5. Finalization

- VPC- Finalization
- Types of Instance Family in EC2
- Key Pair in EC2 Instance
- Network Interface in EC2 Instance
- Create and Delete Placement Group
- Monitoring In EC2 Instance
- Create Volume In EC2 Instance
- Creating Alarm and Cloud Watch Monitoring Details
- Creating Public Data Sets Snapshot
- Add and Edit the Tags



AWS Certified SysOps Administrator – Associate 2019

Section 1. Identity and Access Management

- Credential Report
- Identity and Access Management
- Creating a Group of User in IAM
- Creating Role Action in IA

Section 2. Route 53 Service

- Route 53 Service in AWS Cloud
- Registering Domain for AWS Cloud

Section 3. Multiple Services

- Creating RDS Dashboard in Amazon
- AWS Trusted Advisor
- Cloud Formatting in AWS

Section 4. Questions

- Hosting Multiple Application in VPC

Section 1. Introduction

- Introduction to Amazon Machine Learning (AML)

Section 2. Datasource

- Lifecycle of AML
- Connecting to Data Source in AML
- Creating Data Scheme in AML

Section 3. Value

- Invalid Value and Variable Target in AML
- ML Models in AML
- Managing ML Object in AML

Section 4. Datasource Handson

- Creating DataSource Handson
- Example of Data Insight In AML

Section 5. ML Model Handson

- ML Model Example in Data Sources
- Creating ML Model Evaluating
- Advanced Setting In ML Model
- Creating ML Model for Batch Prediction
- Batch Prediction Result
- Overviews of ML Model Handson
- ML objects Handson in ML

Section 1. Introduction

- Introduction to Cloud Migration

Section 2. Getting Started

- Application of Migration Methodology
- Application of Migration Use Cases
- Map Out Application Migration Activities
- Overview of AWS Management Console
- AWS Walk Through

Section 3. Groups Migration

- Application Migration Challenges
- On Premises Cost Drivers
- Application Disposition
- Migration Investment Overview
- Creating Groups in Migration
- Creating Amazon Machine Images (AMI)
- AWS Platform

Section 4. Migrations Techniques and Key

- Virtual Machine and Migrations Services
- VM Provisioning Process
- Migrations Techniques
- Example of Migrations Techniques
- Cloud Computing and Cloud Services Model
- Key Takeways

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Cloud Computing for Business Users

Section 1. Introduction

- Introduction to Cloud Computing for Business User

Section 2. Getting Started


- Cloud Architecture
- Infrastructure as a Services (IAAS)
- Power of AWS

Section 3. Management Console

- AWS Management Console
- Migration Bubbles Components

Section 4. Access Management

- Business Challenges
- Cloud Ready
- Familiarize with AWS Tools
- Identity and Access Management
- Cloud Computing Infrastructure Security
- IAM Security Roles
- Learning Objective



Frequently Asked Questions

How to access this AWS in an environment?

The ways to access AWS are AWS Management console, AWS command line interface, Command line tools, Query API's.

Does having an AWS Training Certification guarantee more profit?

Yes, of course, it gains more profits as this is the highest pay certification in the current market. Our certification training is more dynamic and you can tackle the final exam simulation with confidence.

What are the benefits Of Amazon Web Services?

The benefits of AWS are they are flexible, Pay-per-use, scalable and performance, reliable. And make the user a future AWS expertise.



Customer Reviews

“

Brief review of some well-known technologies, I worked with these ago and after take this AWS training I reviewed some core concepts, seemed useful to me, but not much detailed. Good for someone taking a first approach in AWS. Those already knowing this may want to take something more detailed training, but this one is nice for beginners.

Raul Bajales

”

The courses were quite informative. The uploaded videos were very clear and easy to understand as they are practically showing how the code has to be implemented and put practically. The sound system for the videos are really clear and crisp. Each and every feature and functions are explained in detail.

Kirtana Varada

”

It is a very good course. Perhaps should have a Certification Exam. It will probably attract more people to avail the course as well as subscribe to educba. The course content was good. The communication was effective and satisfactory. I would like to see more of such programs in near future. Thank you.

R RAVI KIRAN



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For Queries please contact:

Email : info@educba.com



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