

AWS - Developing on AWS

Code:	AWS-DEV
Length:	3 days
URL:	View Online

In this course, you learn how to use the AWS SDK to develop secure and scalable cloud applications. Explore how to interact with AWS using code and also learn about key concepts, best practices, and troubleshooting tips.

Skills Gained

This course is designed to teach you how to:

- Set up the AWS SDK and developer credentials for Java, C#/.NET, Python, and JavaScript
- Interact with AWS services and develop solutions by using the AWS SDK
- Use AWS Identity and Access Management (IAM) for service authentication
- Use Amazon Simple Storage Service (Amazon S3) and Amazon DynamoDB as data stores
- Integrate applications and data by using AWS Lambda, Amazon API Gateway, Amazon Simple Queue Service (Amazon SQS), Amazon Simple Notification Service (Amazon SNS), and AWS Step Functions
- Use Web Identity Framework and Amazon Cognito for user authentication
- Use Amazon ElastiCache to improve application scalability
- Use containers in the development process
- Leverage the CI/CD pipeline to deploy applications on AWS

Who Can Benefit

This course is intended for:

- Intermediate-level software developers

Prerequisites

We recommend that attendees of this course have the following prerequisites:

- In-depth knowledge of at least one high-level programming language
- Working knowledge of core AWS services and public cloud implementation

Course Details

AWS Certified Developer - Associate Certification

If you are interested in achieving the associate AWS Developer certification, the Developing on AWS class is the best way to help

prepare. Find out more about all AWS certifications at <https://www.exitcertified.com/certification/aws/>

Delivery Method

This course is delivered through a mix of:

- Classroom training
- Demonstrations
- Hands-on labs

Course Outline

This course covers the following concepts:

- Introduction to AWS
- Introduction to Developing on AWS
- Introduction to AWS Identity and Access Management
- Developing Storage Solutions with Amazon S3
- Developing Flexible NoSQL Solutions with Amazon DynamoDB
- Developing Solutions with AWS Lambda
- Developing Solutions with Amazon API Gateway
- Developing Solutions with Amazon SQS and Amazon SNS
- Developing Event-Driven Solutions with AWS Step Functions
- Caching Information for Scalability
- Getting Started with Containers
- Developing Secure Solutions
- Deploying Applications

Schedule (as of 4)

Date	Location		
Jun 5, 2019 – Jun 7, 2019	MVP McLean	GTR	Enroll
Jun 5, 2019 – Jun 7, 2019	MVP Edison	GTR	Enroll
Jun 5, 2019 – Jun 7, 2019	MVP Ottawa	GTR	Enroll
Jun 5, 2019 – Jun 7, 2019	MVP Toronto	GTR	Enroll
Jun 5, 2019 – Jun 7, 2019	iMVP	GTR	Enroll
Jun 11, 2019 – Jun 13, 2019	MVP McLean	GTR	Enroll
Jun 11, 2019 – Jun 13, 2019	MVP Edison	GTR	Enroll
Jun 11, 2019 – Jun 13, 2019	MVP Toronto	GTR	Enroll
Jun 11, 2019 – Jun 13, 2019	MVP Ottawa	GTR	Enroll
Jun 11, 2019 – Jun 13, 2019	iMVP	GTR	Enroll
Jun 19, 2019 – Jun 21, 2019	San Jose	GTR	Enroll
Jun 19, 2019 – Jun 21, 2019	iMVP	GTR	Enroll

Jun 26, 2019 – Jun 28, 2019	iMVP	GTR	Enroll
Jul 10, 2019 – Jul 12, 2019	iMVP	GTR	Enroll
Jul 17, 2019 – Jul 19, 2019	iMVP	GTR	Enroll
Jul 23, 2019 – Jul 25, 2019	iMVP	GTR	Enroll
Jun 19, 2019 – Jun 21, 2019	MVP San Francisco		Enroll
Jun 26, 2019 – Jun 28, 2019	McLean		Enroll
Jun 26, 2019 – Jun 28, 2019	MVP Toronto		Enroll
Jun 26, 2019 – Jun 28, 2019	MVP Edison		Enroll
Jun 26, 2019 – Jun 28, 2019	MVP King of Prussia		Enroll
Jun 26, 2019 – Jun 28, 2019	MVP Ottawa		Enroll
Jul 10, 2019 – Jul 12, 2019	MVP Denver		Enroll
Jul 10, 2019 – Jul 12, 2019	Chicago		Enroll
Jul 10, 2019 – Jul 12, 2019	MVP Dallas		Enroll
Jul 10, 2019 – Jul 12, 2019	MVP Ottawa		Enroll
Jul 17, 2019 – Jul 19, 2019	MVP Dallas		Enroll
Jul 17, 2019 – Jul 19, 2019	McLean		Enroll
Jul 17, 2019 – Jul 19, 2019	MVP Toronto		Enroll
Jul 17, 2019 – Jul 19, 2019	MVP Edison		Enroll
Jul 17, 2019 – Jul 19, 2019	MVP King of Prussia		Enroll
Jul 17, 2019 – Jul 19, 2019	MVP Ottawa		Enroll
Jul 23, 2019 – Jul 25, 2019	McLean		Enroll
Jul 23, 2019 – Jul 25, 2019	MVP Toronto		Enroll
Jul 23, 2019 – Jul 25, 2019	MVP Edison		Enroll
Jul 23, 2019 – Jul 25, 2019	MVP King of Prussia		Enroll
Jul 23, 2019 – Jul 25, 2019	MVP Ottawa		Enroll
Aug 7, 2019 – Aug 9, 2019	San Jose		Enroll
Aug 7, 2019 – Aug 9, 2019	MVP San Francisco		Enroll
Aug 7, 2019 – Aug 9, 2019	iMVP		Enroll
Aug 7, 2019 – Aug 9, 2019	MVP Phoenix		Enroll
Aug 14, 2019 – Aug 16, 2019	Toronto		Enroll
Aug 14, 2019 – Aug 16, 2019	MVP McLean		Enroll
Aug 14, 2019 – Aug 16, 2019	MVP Edison		Enroll
Aug 14, 2019 – Aug 16, 2019	MVP King of Prussia		Enroll
Aug 14, 2019 – Aug 16, 2019	MVP Ottawa		Enroll
Aug 14, 2019 – Aug 16, 2019	iMVP		Enroll
Aug 21, 2019 – Aug 23, 2019	MVP Denver		Enroll
Aug 21, 2019 – Aug 23, 2019	Dallas		Enroll
Aug 21, 2019 – Aug 23, 2019	MVP Chicago		Enroll
Aug 21, 2019 – Aug 23, 2019	iMVP		Enroll
Aug 21, 2019 – Aug 23, 2019	MVP Ottawa		Enroll

Sep 4, 2019 – Sep 6, 2019	McLean	Enroll
Sep 4, 2019 – Sep 6, 2019	MVP Toronto	Enroll
Sep 4, 2019 – Sep 6, 2019	MVP Edison	Enroll
Sep 4, 2019 – Sep 6, 2019	MVP King of Prussia	Enroll
Sep 4, 2019 – Sep 6, 2019	MVP Ottawa	Enroll
Sep 4, 2019 – Sep 6, 2019	iMVP	Enroll
Sep 11, 2019 – Sep 13, 2019	MVP Dallas	Enroll
Sep 11, 2019 – Sep 13, 2019	McLean	Enroll
Sep 11, 2019 – Sep 13, 2019	MVP Toronto	Enroll
Sep 11, 2019 – Sep 13, 2019	MVP Edison	Enroll
Sep 11, 2019 – Sep 13, 2019	MVP King of Prussia	Enroll
Sep 11, 2019 – Sep 13, 2019	MVP Ottawa	Enroll
Sep 11, 2019 – Sep 13, 2019	iMVP	Enroll
Sep 18, 2019 – Sep 20, 2019	San Francisco	Enroll
Sep 18, 2019 – Sep 20, 2019	MVP San Jose	Enroll
Sep 18, 2019 – Sep 20, 2019	MVP Sacramento	Enroll
Sep 18, 2019 – Sep 20, 2019	iMVP	Enroll
Sep 25, 2019 – Sep 27, 2019	Edison	Enroll
Sep 25, 2019 – Sep 27, 2019	MVP Toronto	Enroll
Sep 25, 2019 – Sep 27, 2019	MVP McLean	Enroll
Sep 25, 2019 – Sep 27, 2019	MVP King of Prussia	Enroll
Sep 25, 2019 – Sep 27, 2019	MVP Ottawa	Enroll
Sep 25, 2019 – Sep 27, 2019	iMVP	Enroll
Oct 9, 2019 – Oct 11, 2019	Denver	Enroll
Oct 9, 2019 – Oct 11, 2019	iMVP	Enroll
Oct 9, 2019 – Oct 11, 2019	MVP Chicago	Enroll
Oct 9, 2019 – Oct 11, 2019	MVP Dallas	Enroll
Oct 9, 2019 – Oct 11, 2019	MVP Ottawa	Enroll
Oct 16, 2019 – Oct 18, 2019	MVP Dallas	Enroll
Oct 16, 2019 – Oct 18, 2019	McLean	Enroll
Oct 16, 2019 – Oct 18, 2019	MVP Toronto	Enroll
Oct 16, 2019 – Oct 18, 2019	MVP Edison	Enroll
Oct 16, 2019 – Oct 18, 2019	MVP King of Prussia	Enroll
Oct 16, 2019 – Oct 18, 2019	MVP Ottawa	Enroll
Oct 16, 2019 – Oct 18, 2019	iMVP	Enroll
Oct 23, 2019 – Oct 25, 2019	San Francisco	Enroll
Oct 23, 2019 – Oct 25, 2019	MVP San Jose	Enroll
Oct 23, 2019 – Oct 25, 2019	MVP Sacramento	Enroll
Oct 23, 2019 – Oct 25, 2019	iMVP	Enroll
Nov 6, 2019 – Nov 8, 2019	McLean	Enroll

Nov 6, 2019 – Nov 8, 2019	MVP Toronto	Enroll
Nov 6, 2019 – Nov 8, 2019	MVP Edison	Enroll
Nov 6, 2019 – Nov 8, 2019	MVP King of Prussia	Enroll
Nov 6, 2019 – Nov 8, 2019	MVP Ottawa	Enroll
Nov 6, 2019 – Nov 8, 2019	iMVP	Enroll
Nov 6, 2019 – Nov 8, 2019	MVP Atlanta	Enroll
Nov 6, 2019 – Nov 8, 2019	MVP Burlington	Enroll
Nov 6, 2019 – Nov 8, 2019	MVP New York	Enroll
Nov 13, 2019 – Nov 15, 2019	MVP Denver	Enroll
Nov 13, 2019 – Nov 15, 2019	Dallas	Enroll
Nov 13, 2019 – Nov 15, 2019	MVP Chicago	Enroll
Nov 13, 2019 – Nov 15, 2019	iMVP	Enroll
Nov 13, 2019 – Nov 15, 2019	MVP Ottawa	Enroll
Nov 20, 2019 – Nov 22, 2019	MVP Dallas	Enroll
Nov 20, 2019 – Nov 22, 2019	MVP Toronto	Enroll
Nov 20, 2019 – Nov 22, 2019	MVP Edison	Enroll
Nov 20, 2019 – Nov 22, 2019	MVP King of Prussia	Enroll
Nov 20, 2019 – Nov 22, 2019	MVP Ottawa	Enroll
Nov 20, 2019 – Nov 22, 2019	iMVP	Enroll
Nov 20, 2019 – Nov 22, 2019	McLean	Enroll
Nov 25, 2019 – Nov 27, 2019	San Francisco	Enroll
Nov 25, 2019 – Nov 27, 2019	MVP San Jose	Enroll
Nov 25, 2019 – Nov 27, 2019	MVP Sacramento	Enroll
Nov 25, 2019 – Nov 27, 2019	iMVP	Enroll
Dec 4, 2019 – Dec 6, 2019	King of Prussia	Enroll
Dec 4, 2019 – Dec 6, 2019	MVP Toronto	Enroll
Dec 4, 2019 – Dec 6, 2019	MVP Edison	Enroll
Dec 4, 2019 – Dec 6, 2019	MVP McLean	Enroll
Dec 4, 2019 – Dec 6, 2019	MVP Ottawa	Enroll
Dec 4, 2019 – Dec 6, 2019	iMVP	Enroll
Dec 11, 2019 – Dec 13, 2019	MVP Denver	Enroll
Dec 11, 2019 – Dec 13, 2019	Chicago	Enroll
Dec 11, 2019 – Dec 13, 2019	MVP Dallas	Enroll
Dec 11, 2019 – Dec 13, 2019	iMVP	Enroll
Dec 11, 2019 – Dec 13, 2019	MVP Ottawa	Enroll
Dec 16, 2019 – Dec 18, 2019	McLean	Enroll
Dec 16, 2019 – Dec 18, 2019	MVP Toronto	Enroll
Dec 16, 2019 – Dec 18, 2019	MVP Edison	Enroll
Dec 16, 2019 – Dec 18, 2019	MVP King of Prussia	Enroll
Dec 16, 2019 – Dec 18, 2019	MVP Ottawa	Enroll

ExitCertified® Corporation and iMVP® are registered trademarks of ExitCertified ULC and ExitCertified Corporation and Tech Data Corporation, respectively
Copyright ©2019 Tech Data Corporation and ExitCertified ULC & ExitCertified Corporation.
All Rights Reserved.

Generated 5