

AWS Training and Certification: Overview for APN Partners

Introduction

AWS Training and Certification delivers education on AWS products, solutions, and best practices. Our programs are designed around the primary roles of individuals in IT and web services who are working with AWS technology, including Solutions Architects, SysOps Administrators, and Developers. AWS Training is delivered through instructor-led classes, self-paced labs, and e-learning. AWS Certifications recognize individuals with the skills and technical knowledge necessary to design, deploy, and manage applications on the AWS Cloud.

Audience

AWS Training and Certification are designed around the following roles:



Solutions Architect: a technical individual who is skilled at designing distributed applications and systems on the AWS platform. A Solutions Architect generally has knowledge across a broad array of disciplines, including distributed application architecture, networking, infrastructure, and security.



Developer: a technical individual who has designed and built an AWS-based application. A Developer has involvement with or responsibility for operating the application on AWS.

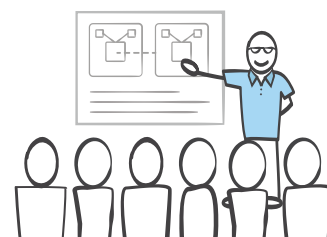


SysOps Administrator: a technical individual who is responsible for the operational health of an application on the AWS cloud. A SysOps Administrator has strong high-level knowledge of the application or service they operate, including how the application can be deployed and automated to run efficiently, as well as the controls and monitoring points available.

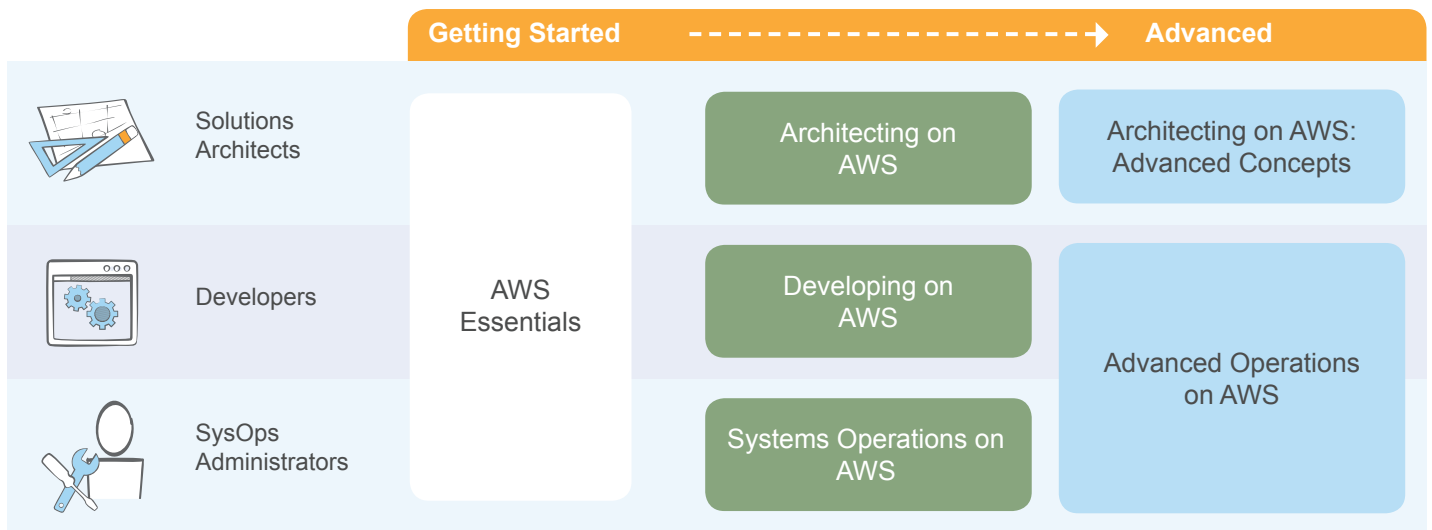
AWS Training (aws.amazon.com/training)

AWS Training is available to anyone interested in learning more about AWS. Public instructor-led classes are available throughout the world, and we also offer dedicated onsite training for organizations that want to privately train a group of people. Content is developed in English, with regional delivery in local language when possible with a fluent Instructor. We also work with [APN Training Partners](#) to extend delivery of AWS Training globally.

[Contact](#) us, or your Partner Manager, to request dedicated onsite training for your team



Learning Paths



AWS Self-Paced Labs (aws.amazon.com/training/self-paced-labs)

Self-paced labs are designed to help you test products, acquire new skills, and gain practical experience working with AWS technologies. AWS self-paced labs provide an opportunity to use the AWS console in a variety of pre-designed scenarios and common use cases, giving you hands-on practice in a live AWS environment to help you gain confidence working with AWS. You have flexibility to choose from topics and products about which you want to learn more. Several lab topics are available to help you learn AWS Basics including creating Amazon EC2 Instances and Auto Scaling, to Implementing AWS, such as Launching and Managing a Web Application with CloudFormation.



Go to run.qwiklabs.com to get started

APN Partner Training and Accreditations

We offer APN Partners a 20% discount on public instructor-led classes delivered by AWS. You can register through your [APN Portal](#) account to receive discounted pricing. [Click here](#) for information about accessing your APN Portal account.

To enable you to articulate the business benefits of AWS so they can address customer IT requirements, APN Partners have access to AWS Business and Technical Professional e-learning and Accreditations. Additional e-Learning modules are also available topics such as AWS Value Messaging and Enterprise Applications on AWS (Microsoft, Oracle, and SAP). These e-Learning courses are free and available through the [APN Portal](#).

[Click here](#) to see Partner Training and Accreditation courses

AWS Accreditations are tracked as part of your APN Partner Scorecard.

AWS Certification (aws.amazon.com/certification)

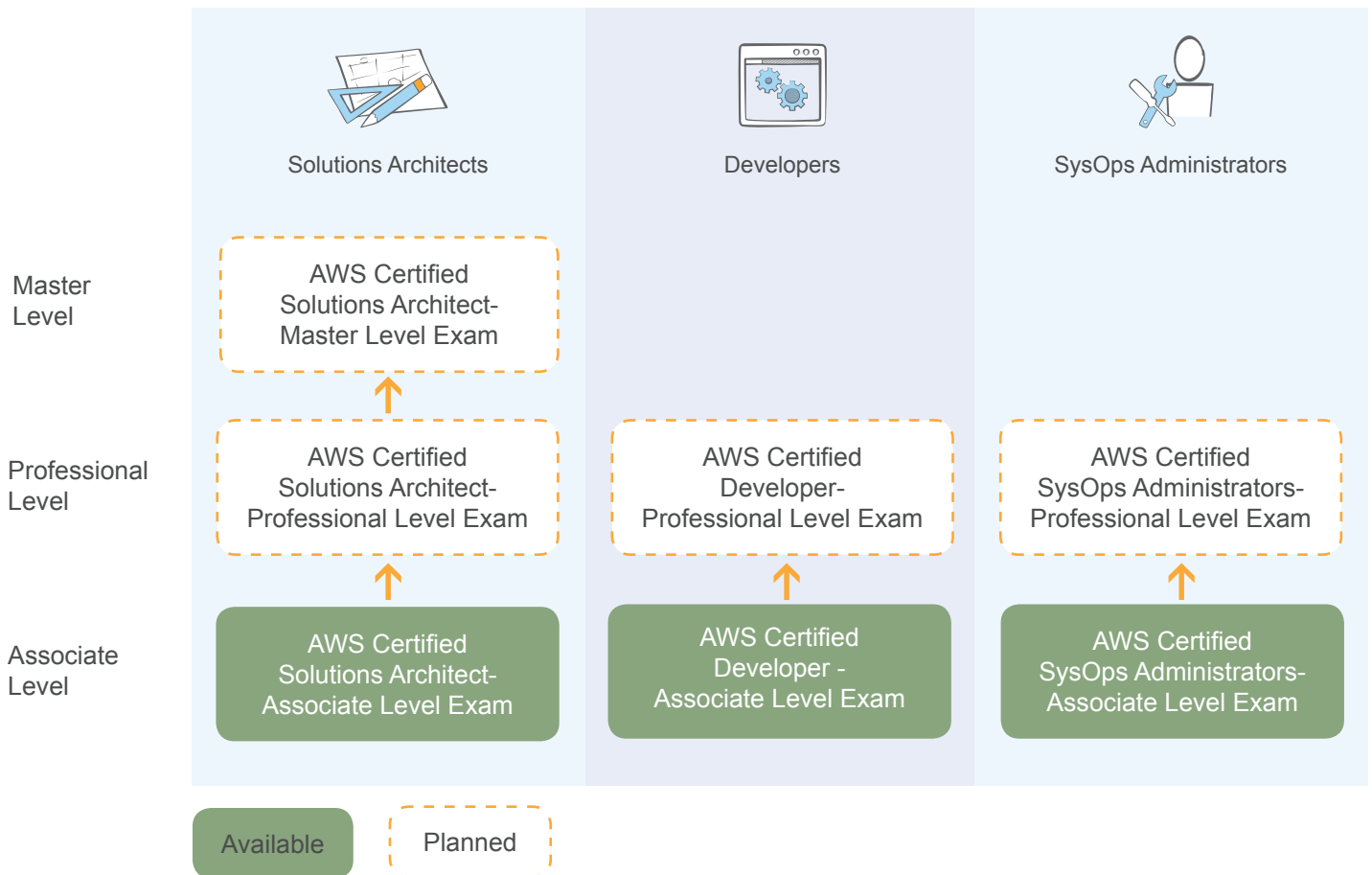
AWS Certifications extend learning and validate knowledge and skills of individuals. With the accelerating adoption of cloud computing and AWS around the world, organizations are increasingly seeking mechanisms to identify candidates and consultants with demonstrated knowledge of AWS best practices. The AWS Certification Program helps to fill this need to recognize IT professionals that possess the skills and technical knowledge necessary for building and maintaining applications and services on the AWS Cloud.



The AWS Certification program is built around the three primary roles for engineering teams delivering cloud-based solutions: Solutions Architect, Developer, and SysOps Administrator. These role-based certification credentials can be earned on advancing proficiency levels: Associate, Professional and Master.

[Click here](#) for more information about available AWS Certifications

AWS Certification Roadmap



AWS Certification exams are administered through a testing partner, [Kryterion](#), in over 750 locations around the globe.

Additional Resources

How to Access Partner Training via APN Portal

APN Partners have access to free and online Partner Training and Accreditation courses, as well as discounts on AWS Instructor-Led Training classes.

To access Partner Training resources, you will first need to log into your APN Portal account:

Step 1: Login to the [*APN Portal](#)

Step 2: Select “Training” from the Top Navigation

Step 3: Click link to access the AWS Training Portal

* All APN Partners have access to the APN Portal. If your firm is already an APN Partner but you do not have an APN Portal login, please [self-register here](#). If you need Portal assistance, [contact the APN Team](#).

AWS Training Courses At-A-Glance

AWS Training is designed to help individuals delivering cloud-based solutions gain proficiency with AWS services and solutions. Role-based learning courses are designed around the primary roles that comprise technical teams delivering cloud-based solutions: Solutions Architect, SysOps Administrator, and Developer.

Course Name	Description	Intended Audience	Duration	Details
AWS Essentials	This course introduces AWS products, services, and common solutions with videos, demos, and hands-on lab activities. It provides learners with the basic fundamentals to become more proficient in AWS and empowers them to make informed decisions about IT solutions based on business requirements.	<ul style="list-style-type: none"> Individuals responsible for articulating the business benefits of AWS services Individuals who are new to working with AWS services SysOps Administrators and Developers who are interested in using AWS services 	1 day	Click here
Architecting on AWS	This course will enable you to design scalable, elastic, secure, and highly available applications on AWS. In this course, we cover architecture patterns for common solutions running on AWS, including Web Applications, Batch Processing, and hosting internal IT Applications.	<ul style="list-style-type: none"> Solutions Architects who are responsible for designing cloud infrastructure and reference architectures Systems Engineers and Developers who are responsible for designing and implementing architectures on AWS 	3 day	Click here

Course Name	Description	Intended Audience	Duration	Details
Architecting on AWS – Advanced Concepts	Building on concepts introduced in the Architecting on AWS course, the Architecting on AWS Advanced Concepts course is designed for individuals who are experienced with designing scalable and elastic applications on the AWS platform. In this course, we cover how to build more complex solutions which incorporate data services, infrastructure configuration management, and security on AWS. This course introduces more specialized AWS services, including Amazon Elastic MapReduce, AWS OpsWorks, and AWS Elastic Beanstalk, as well as demonstrates design components for building scalable, elastic, secure, and highly available applications on AWS.	<ul style="list-style-type: none"> Individuals who are responsible for designing cloud infrastructure and reference architectures Individuals who have attended Architecting on AWS course Systems Engineers and Developers who are responsible for designing and implementing advanced architectures on AWS 	3 day	Click here
Developing on AWS	This course is designed to help individuals design and build secure, reliable and scalable AWS-based applications. In this course, we cover fundamental concepts and baseline programming for developing applications on AWS. We also show you how to work with AWS code libraries, SDKs, and IDE toolkits so that you can effectively develop and deploy code on the AWS platform.	<ul style="list-style-type: none"> Developers 	3 day	Click here
Systems Operations on AWS	This course is designed to help individuals operate highly available and scalable infrastructure on the AWS platform. In this course, we demonstrate how to effectively manage and support AWS resources. We cover concepts such as provisioning infrastructure, deploying applications, tracking costs, monitoring utilization, and creating backups	<ul style="list-style-type: none"> Systems Administrators, Operations Managers, and individuals responsible for supporting operations on the AWS platform 	3 day	Click here
Advanced Operations on AWS	This course is designed to help you deploy, operate, and scale your infrastructure by improving the performance, availability, and cost effectiveness of your applications on AWS. In this course, we will cover automating deployments, updating resources, and monitoring operational health of your workloads and applications. Hands-on labs will help you apply learnings with actual applications and automated workloads.	<ul style="list-style-type: none"> Developers, Systems Administrators, and individuals responsible for managing operations on the AWS platform Individuals who have attended Architecting on AWS course Individuals who are responsible for operating and maintaining a highly scalable automated AWS based environment in a cost efficient manner 	4 day	Click here

Partner Training Courses At-A-Glance

Partner e-learning and Accreditations are designed to deepen your knowledge of AWS. By completing these courses, you can receive Accreditation to apply to APN Technical and Non-Technical Training minimums. Additional e-learning courses are also available to help partners deepen their knowledge of AWS.

Course Name	Description	Intended Audience	Duration
AWS Business Professional	Intended for individuals responsible for articulating the business benefits of AWS, this course provides an overview of fundamental AWS services. We cover baseline information about the key services and solutions that AWS offers. Topics include: Amazon and Cloud Computing, AWS Products and Services, AWS Solutions, and AWS Pricing Overview. Upon successful completion of all modules and assessments, you will achieve AWS Business Professional Accreditation.	Business and Technical Professionals	3-5 hours, including assessments
AWS Technical Professional	Designed for individuals responsible for making informed decisions about IT solutions based on customer business requirements, this course is the technical counterpart to AWS Business Professional. Topics include: Technical Overview of AWS Platform, AWS Services, and technical overviews of three reference architectures/ solutions – Scalable Web Applications, Disaster Recovery, and Processing Pipeline. Upon successful completion of all modules and assessments, you will achieve AWS Technical Professional Accreditation.	Technical Professionals	3-5 hours, including assessments
AWS Value Messaging	This module introduces the AWS value proposition and provides guidance for positioning the business value of AWS. Content provides an overview of AWS security, as well as examples of customer success stories and common customer scenarios.	Business and Technical Professionals	1 hour, including assessment
Enterprise Applications on AWS	These modules introduce the deployment of Enterprise Applications on AWS (Microsoft, Oracle, and SAP). Content gives an overview of enterprise solutions on AWS, as well as includes use cases and best practices for implementation.	APN Partner Technical Professionals	1 hour each, including assessment