Continuous learning, **continuous modernization**

Modern never stops with
AWS Training and Certification

The acceleration of modernization

Reaping the rewards of continuous modernization isn't something that happens overnight. To stay modern, equipping teams and individuals with continuous cloud training is critical. Teams empowered with training can advance their cloud skills to enable agility, rapid innovation, and faster response times. With AWS Training and Certification, employees and teams can move forward fearlessly on a continuous learning journey—to utilize the cloud efficiently and effectively, to accelerate modernization, and to propel business growth.

What are modern applications?

Whether you are utilizing them to handle changing business needs or to meet large variations in demand, modern applications represent a huge business advantage to organizations. Modern applications:

1. **Accelerate speed to market—by speeding up the build and release cycles and offloading operational overhead to AWS**
2. **Increase innovation—change application components quickly with lower risk to the whole application**
3. **Improve reliability through monitoring and automated test procedures**
4. **Improve total cost of ownership (TCO) with a pay-for-value pricing model and lower maintenance costs**
5. **Build with the right tools based on the needs of the organization and each unique workload**

ACCELERATE MODERNIZATION WITH FAST LANE

As AWS Advanced Training Partner we provide the complete training and certification curricula for AWS. We specialize and have a proven track record in supporting our customers to accelerate their digital skills and cloud adoption around the world.

AWS TRAINING PROGRAMS »

AWS CONSULTING SERVICES »

Shortage of talent

To gain competitive advantage and the benefits of the cloud, organizations need to innovate and build modern applications faster. However, most organizations quickly realize a key challenge - shortage of skilled talent. Organizations need developers that understand and can build modern applications, administrators and cloud architects that can design and manage these modern applications, and senior leaders that area ready to put these applications to use to improve the business.

In addition to finding and hiring qualified staff with in-demand skills, businesses also face the challenge of retaining employees who have the advanced cloud skills needed for continuous modernization. Nearly 80 percent of IT decision makers say their teams lack the skills they need to adopt cloud services to accommodate their increased digital capabilities, according to a Global Knowledge survey of 9,500 IT professionals.[1] Recent data shows that 63 percent of US organizations anticipate the IT skills gap will widen, and 59 percent expect this talent shortage to continue in the next two years (Ceredian).[2]

Simply put, yesterday's cloud training plan no longer serves to meet today's modernization needs. To ensure the availability of a highly qualified cloud workforce to meet the acceleration of modernization, organizations need to rethink how they hire, train, and retrain their staff. A culture of continuous learning, equips organizations with trained IT talent. Without continuous learning, the skills gap will persist and modernization goals cannot be met.

1 "4 reasons to invest in entry-level cloud talent." CIO DIVE Online. 2021

2 "The Cloud Talent Drought Continues (and Is Even Larger than You Thought)." Forbes Magazine. 2020

Nearly

80

percent of IT decision makers say their teams lack the skills they need, according to a Global Knowledge survey of 9,500 IT professionals.[1]

Modernize with AWS training

Behind every successful modernization story is a modern, agile team. Organizations that keep apace with the acceleration of modernization know that the goalposts never stop moving. In order to modernize, evolve, and keep up, organizations must develop a culture of continuous learning. In fact, successful organizations have at least one thing in common: they invest three times as much in technology education and training for their IT staff compared to organizations that lag behind in digital transformation.[3] AWS Training and Certification provides continuous learning to ensure your teams have the essential skills for their modernization journey, so your organization can meet its goals.

AWS recommends the following guidelines when approaching cloud training and development for your staff:

1. **Invest in training to develop all talent**

2. **Build cloud fluency across teams with varying technical capabilities to create a new operating model in response to organizational priorities**

3. **Develop a culture of continuous learning to attract and retain your current teams instead of chasing and competing for a limited number of experienced professionals**

"Successful digitally transforming organizations understand that you can buy technology, but you have to train people. Their 'digital DNA' comes from education. Tools alone can't teach people how to think and act differently." [3]

Michael Gale, CEO, Inc.Digital and co-author,
The Digital Helix

3 Michael Gale, CEO, Inc.Digital and co-author, *The Digital Helix: Transforming Your Organization's DNA to Thrive in the Digital Age.* Interviewed Aug. 18, 2019

Build skills to meet modernization goals

Choose training that works for your team

No two organizations are the same. No two training plans are the same. To create a specific training plan to meet an organization's specific training goals, the **AWS Learning Needs Analysis (LNA)** evaluates and extracts unique insights specific to the organization. This free data-driven assessment tool aligns your training investments with your business goals. Organizations can develop organizational and individual training plans to realize the benefits of modernization across your organization.

Simply ask your employees to answer a few questions, and work with AWS experts to generate insights from your AWS LNA. Once the organization's skills gap has been identified, a targeted, cost-effective training and certification plan can help address the modernization needs of your employees. Empower your teams to build and develop their modernization knowledge. Access an always-growing list of hundreds of digital and virtual instructor-led courses built by AWS experts.

Contact us to get started now »

Access relevant courses and classes

Help guide your team on building modernization skills and knowledge with the AWS DevOps and Developer Ramp-Up Guides. The guides are divided into sections—each section contains a recommended sequence of resources. Free digital training, classroom courses, videos, whitepapers, and certifications are presented in logical order to help your employees on their modernization journey. The prescriptive pathway of learning includes helpful information such as course lengths and additional resources to help you and your team make the right training choices for your modernization goals.

Discover the Developer Ramp-Up Guide »

Discover the DevOps Ramp-Up Guide »

Empower teams with comprehensive training

Comprehensive cloud skills enablement programs from AWS help organizations advance modernization efforts to propel business growth. These programs are designed to help all employees across an organization develop broad cloud fluency, drive innovation, and build modern application development knowledge. Instructor-led training courses can be delivered virtually or in person through public courses or brought to your location. Consider the benefits of each to determine whether classroom training or on-demand digital training is right for your team.

Hands-on learning experiences with classroom training

AWS Classroom Training drives continuous modernization with expert-level instruction. Through a mix of presentations, discussion, and hands-on labs, bring the classroom learning experience to learners virtually and onsite. An expert AWS-accredited instructor provides practical, deep technical knowledge with on-the-spot help to support comprehension and help students retain learning. Employees who want to further develop their technical modernization skills can access real-time guidance and support from an instructor with insight into complex topics.

Discover classroom training courses »

Expand skills anytime, anywhere with digital training

Empower your teams and employees to train when and how they like. Access 500+ free, self-paced digital, live, and virtual courses built by the experts at AWS. Flexible, on-demand courses range from 15 minutes to 8+ hours to accommodate schedules and availability. Digital training overcomes barriers of location and travel with training accessible wherever your employees are in the world.

Discover digital training courses »

Courses to enable modernization acceleration

Modernize with compute environments

Learn modern to leverage modern. Create more agile applications with modern compute environments. Adopt a managed model for running application compute environments by re-platforming existing applications to a containers-based architecture or a serverless compute environment.

Running Containers on Amazon Elastic Kubernetes Service (Amazon EKS) (classroom)

In this course, learn container management and orchestration for Kubernetes using Amazon EKS. With AWS you can avoid installing, operating, and maintain a Kubernetes control plane.

This course goes beyond the basic concepts and benefits of containerization. Discover common microservices scenarios and learn about Amazon Elastic Container Service (ECS). This course is intermediate level and three days in length.

aws training and certification

Building modern web and mobile applications

Achieve modernization with continuous application upskilling. Help your organization to get to market faster by building all new applications with a modular architecture using serverless technologies like AWS Lambda. Automating software delivery and wrapping applications with APIs allow for modern application development. Reduce the risk through improved resiliency, rapid iteration, and experimentation.

Advanced Developing on AWS (classroom)

In this course, learn how to take a legacy, on-premises monolithic application and refactor it into a serverless microservices architecture. Discover advanced development topics using real-world scenarios. This course is advanced level and three days in length.

Architecting Serverless Solutions (digital)

"Think Serverless" and design serverless architectures. Learn how to combine AWS-managed services, including AWS Lambda and Amazon API Gateway, in event-driven patterns to power scalable and secure serverless applications. This course is intermediate level and three hours in length.

Modern DevOps

Continue learning modernization skills with modern DevOps. For faster innovation and improved security, performance, and resilience, developers are embracing modern DevOps for software development. Operations and developers work closely together to share tasks like compliance and resilience.

DevOps Engineering on AWS (classroom)

This course improves an organization's ability to develop, deliver, and maintain applications and services at high velocity on AWS. Learn about the cultural philosophy of DevOps and how to use a combination of tools and practices. This course is intermediate level and three days in length.

Getting Started with DevOps on AWS (digital)

The journey toward implementing DevOps on AWS begins here. Acquire the knowledge and skills to use AWS DevOps tools. Create and control a continuous integration and continuous delivery (CI/CD) pipeline. This course is fundamental and three hours in length.

Modern never stops
(and neither should you)

Modernization is an ongoing journey that evolves through a culture of continuous learning and empowerment. Equip your teams with the cloud skills to move your organization in a modern direction. Fast Lane can help get you there.

Start by aligning your training investments to your business goals. Build a targeted training and certification plan to develop the talent you have, attract the talent you need, and retain both. Bridge the modernization skills gap to make modernization happen.

In today's cloud-enabled world, modern never stops. Embrace that modern mindset and empower your teams to keep learning, building, and innovating with new cloud skills—and to build successful applications. Do it all with the help of AWS and Fast Lane.

Find out more »

Contact us »