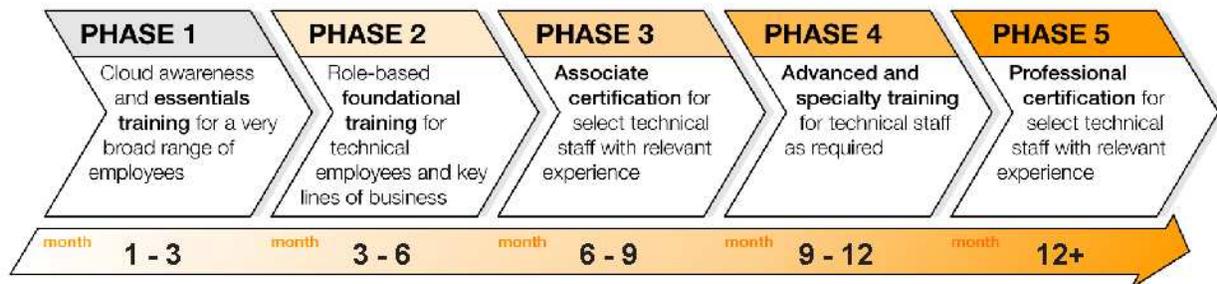


1. Roadmap Overview

We recommend a multi-phase approach to skills development that involves training a wide variety of employees on the essentials and then selectively training certain individuals on more advanced and specialized topics. Essentials training throughout the organization will help build internal buy-in and enable your staff to speak the same language. Empowering a core group of cloud experts can help guide your organization through the change and implement best practices as you move forward.

At a high level, we recommend the following:



2. AWS Certification

AWS Certification provides an impartial way to validate technical knowledge. We recommend you encourage your staff to get certified so you can feel confident your employees have the skills they need for success with the cloud.

Our Certifications



You can see complete details about each of our AWS Certification exams in [Appendix B](#).

The best preparation for certification exams is practical experience. We recommend one or more years of hands-on experience using AWS. We also offer training and materials to help you

prepare. You can see a detailed list of Certification Preparation materials by exam at aws.amazon.com/certification/certification-prep.

If many individuals on your team are interested in taking an AWS Certification exam, we can arrange a private day at a testing center near you. Let us know if you are interested and we can work with the AWS Certification team to arrange a testing day.

3. Self-Paced Resources

In addition to AWS Training courses and AWS Certification exams, we offer self-explore and self-paced resources to help your organization gain basic skills and hands-on experience with AWS. We have a variety of resources, including:

Self-Paced Labs

Get hands-on practice in a live AWS environment with AWS services and real-world cloud scenarios. Take a lab to follow step-by-step instructions to learn a service or practice a use case. You can also enroll in a quest - a collection of labs - and master a specific AWS scenario at your own pace.

Individuals will need a Qwiklabs account to complete online self-paced labs. Qwiklabs offers both subscription and a la carte pricing. A single lab credit costs approximately USD 1, and individual labs range from 0-15 credits. A monthly subscription costs USD 55 per month, which gives you full access to all AWS labs.

Whitepapers & Analyst Reports

The AWS website maintains a comprehensive list of technical [AWS whitepapers](#), covering topics such as architecture, security, and economics. These whitepapers have been authored by the AWS Team, independent analysts, or the AWS Community (Customers or Partners). See AWS also maintains a comprehensive list of [reports issued by industry analysts](#).

Articles & Documentation

The AWS website maintains a comprehensive list of [articles](#) designed to give practical help to developers working with AWS. They have been created by members of the AWS developer community or the Amazon Team and give structured examples, analysis, tips, tricks and guidelines based on real usage of AWS services.

There is also a page for [AWS Documentation](#), where you can find useful information about the services ranging from introductions to advanced features.

Videos

AWS makes free videos available to individuals looking to learn more about using AWS. These videos take several different forms, such as:

- [Introduction Videos](#)
- [Webinars](#)
- [Customer Success Stories](#)

You can also browse our [AWS YouTube](#) page to explore more.

Appendix A. AWS Training Course Details

AWS Technical Essentials

AWS Business Essentials

Job Roles in the Cloud **FREE**

Architecting on AWS

Exam Readiness Workshop: Solutions Architect – Associate

Advanced Architecting on AWS

Exam Readiness Workshop: AWS Certified Solutions Architect – Professional

Developing on AWS

DevOps Engineering on AWS

Systems Operations on AWS

AWS Security Fundamentals - **FREE**

Security Operations on AWS

Big Data Technology Fundamentals

Big Data on AWS

Data Warehousing on AWS

Secrets to Successful Cloud Transformations

Migrating to AWS

Building a Serverless Data Lake

Running Container-Enabled Microservices on AWS

Appendix B. AWS Certification Exam Details

Individuals can register for exams in the [AWS Training and Certification Portal](#).

Cloud

The new **AWS Certified Cloud Practitioner** exam enables individuals with an overall understanding of the AWS Cloud to validate their knowledge with an industry-recognized credential.

AWS Certified Cloud Practitioner

Architecting

Architecting exams validate technical knowledge for solutions architects, solution design engineers, and anyone who designs applications and systems on AWS.

AWS Certified Solutions Architect – Associate
AWS Certified Solutions Architect – Professional

Developing

Developing exams validate technical knowledge for software developers who develop cloud applications on AWS.

AWS Certified Developer – Associate
AWS Certified DevOps Engineer – Professional

Operations

Operations exams validate technical knowledge for sysops administrators, systems administrators, and those in a DevOps role who create automatable and repeatable deployments of applications, networks, and systems on the AWS platform.

AWS Certified SysOps Administrator – Associate
AWS Certified DevOps Engineer – Professional

Specialties

Specialty Exams validate technical knowledge for AWS experts who also possess expertise in specific technical areas. They're designed for individuals with at least one associate-level AWS Certification plus deep proficiency and real-world experience in an area of specialization.

AWS Certified Big Data – Specialty
AWS Certified Advanced Networking – Specialty