

# Module 6

## Course Wrap-Up



# Learning Path



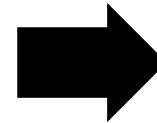
## AWS Introduction

- The AWS Cloud
  - History
  - Global Infrastructure
  - AWS Management Console



## AWS Foundational Services

- Compute:
  - Amazon EC2
- Networking:
  - Amazon VPC
- Storage:
  - Amazon EBS
  - Amazon S3
- Security
  - IAM
- Databases:
  - Amazon DynamoDB
  - Amazon RDS



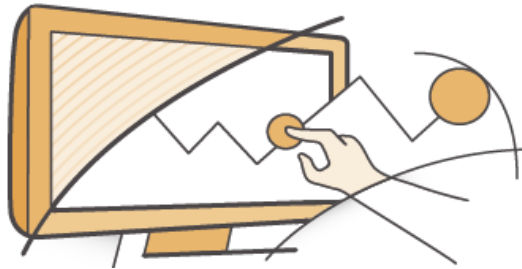
## AWS Management Tools

- Triad of Services:
  - Auto Scaling
  - ELB
  - Amazon CloudWatch
- AWS Trusted Advisor

# Expand Your Cloud Skills with AWS



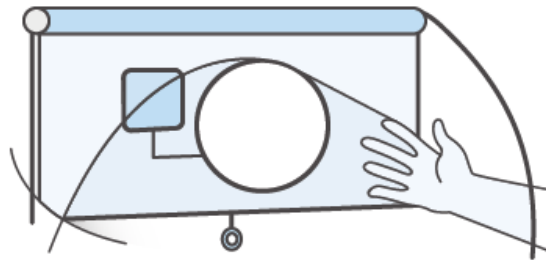
## Online videos and labs



Start working with an AWS service in minutes with free online instructional videos and labs

<https://aws.amazon.com/training/self-paced-labs/>

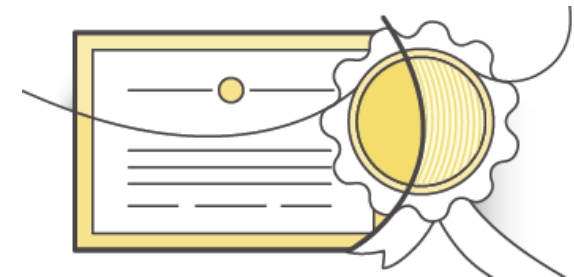
## Instructor-led courses



Learn how to design, deploy, and operate highly available, cost-effective, and secure applications on AWS

<https://aws.amazon.com/training/>

## Certification



Validate your proven technical expertise with the AWS platform and gain recognition for your skills

<https://aws.amazon.com/certification/>

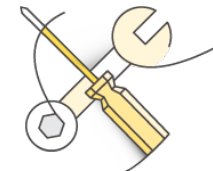
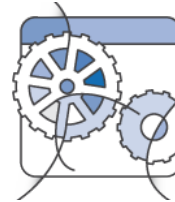
# Self-Paced Labs



- ❏ Learn an individual AWS Service topic
- ❏ Follow a Learning Quest by AWS Service Area or Use Case
- ❏ Practice working with AWS as you prepare for an exam
- ❏ **For more information, see:**  
<https://aws.amazon.com/training/self-paced-labs/>



# AWS ILT Training Courses



## Introductory courses

**AWS Technical Essentials**  
1 day

## Intermediate courses

**Architecting on AWS**  
3 days

**Developing on AWS**  
3 days

**Systems Operations on AWS**  
3 days

## Advanced courses

**Advanced Architecting on AWS**  
3 days

**DevOps Engineering on AWS**  
3 days

**Security Operations on AWS**  
3 days

## Specialty courses

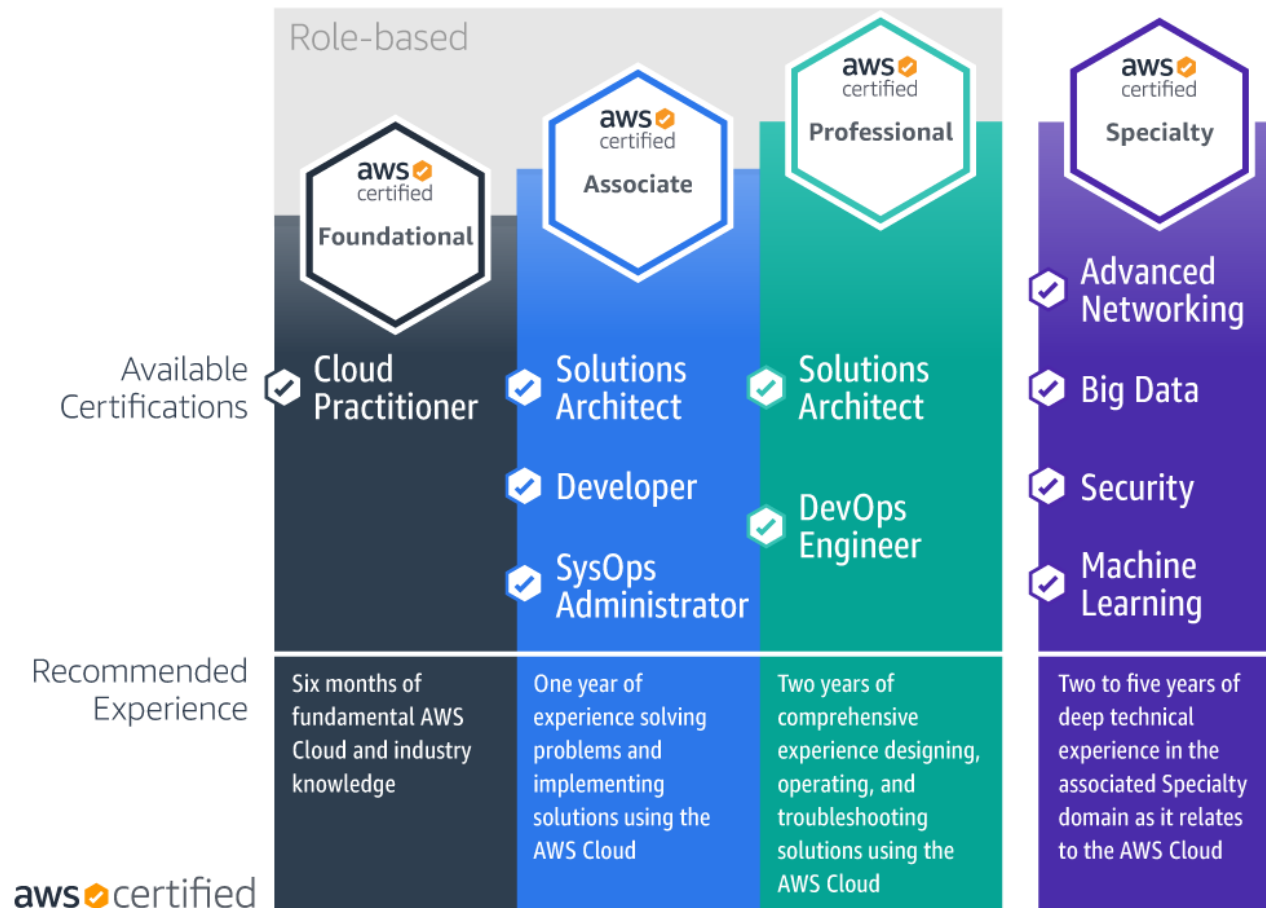
**Migrating to AWS**  
2 days

**Big Data on AWS**  
3 days

**Data Warehousing on AWS**  
3 days

<https://aws.amazon.com/training/>

# AWS Certification



# Benefits of AWS Certification



## Individual

- Demonstrate expertise
- Stand out
- Industry visibility
- Customer visibility
- Peer recognition
- Credibility with customers

## Employer

- Baseline bar on AWS skills
- Identify expert talent
- Leverage best practices
  - Reduce operational risk
  - Increase business advantage
  - Maximize AWS efficiencies
- Common vocabulary
- Accelerate time to cloud

# Preparing for AWS Certification



For resources to help you prepare for the certification exam, see: <https://aws.amazon.com/certification/certification-prep/>

**Exam Guides &  
Sample Questions**

**AWS-Authored Study Guide**

**Self-Paced Labs on qwikLABS**

**AWS Technical Training**

**AWS Whitepapers &  
FAQs**

**AWS Documentation &  
Reference Architectures**

**Practice Exams**

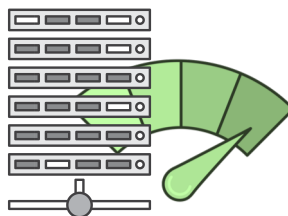
# AWS Support

# Support Options (1 of 2)



## The Technical Account Manager provides...

- ✓ A dedicated **voice within AWS** to serve as your **advocate**.
- ✓ **Proactive guidance** and **insight** into ways to optimize AWS through business and performance reviews.
- ✓ Orchestration and access to the full **breadth and depth of technical expertise** across the full range of AWS.
- ✓ Access to resources and **best practice recommendations**.



## Infrastructure Event Management provides...

- ✓ A common understanding of event objectives and use cases through **pre-event planning and preparation**.
- ✓ Resource **recommendations** and deployment **guidance** based on anticipated capacity needs.
- ✓ **Dedicated attention** of the your AWS Support team during your event.
- ✓ The ability to immediately **scale down resources** to normal operating levels post-event.

# Support Options (2 of 2)



## The Concierge Service provides...

- ✓ A primary contact to help **manage AWS resources**.
- ✓ **Personalized handling** of billing inquiries, tax questions, service limits, and bulk reserve instance purchases.
- ✓ Direct access to an agent to help **optimize costs**, and identify **underutilized resources**.



## AWS Trusted Advisor provides...

- ✓ Insight into how and where you can get the **most impact for your AWS spend**.
- ✓ Opportunities to **reduce your monthly spend** and retain or **increase productivity**.
- ✓ Guidance on getting the **optimal performance and availability** based on your requirements.
- ✓ Confidence that your environment is **secure**.

Cost Optimization



0 ✓ 0 ⚠ 0 !

Performance



1 ✓ 0 ⚠ 0 !

Security



0 ✓ 2 ⚠ 0 !

Fault Tolerance



0 ✓ 0 ⚠ 0 !

# Support Comparison



|                                  | Basic                                                                           | Developer                                                                       | Business                                                                        | Enterprise                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Customer Service and Communities | 24x7 access to customer service, documentation, whitepapers, and support forums | 24x7 access to customer service, documentation, whitepapers, and support forums | 24x7 access to customer service, documentation, whitepapers, and support forums | 24x7 access to customer service, documentation, whitepapers, and support forums                                          |
| Best Practices                   | Access to 7 core Trusted Advisor checks                                         | Access to 7 core Trusted Advisor checks                                         | Access to full set of Trusted Advisor checks                                    | Access to full set of Trusted Advisor checks                                                                             |
| Technical Support                |                                                                                 | Business hours access to Cloud Support Associates via email                     | 24x7 access to Cloud Support Engineers via email, chat & phone                  | 24x7 access to Sr. Cloud Support Engineers via email, chat & phone                                                       |
| Case Severity/Response Times     |                                                                                 |                                                                                 | Production system impaired: < 4 hours<br>Production system down: < 1 hour       | Production system impaired: < 4 hours<br>Production system down: < 1 hour<br>Business-critical system down: < 15 minutes |



# Thanks for participating!

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