



ETTIE A. HOLLAND

WORDS THAT CONVINCE, COMPEL & CONVERT

360GSP
AWS Brochure



[Page 1]

[Graphic]



[Page 2]

Cloud Computing

A career with explosive momentum

Cloud computing is the technology everyone's talking about. It's a game-changer, allowing businesses to set-up, access and share data on-demand from the cloud. Compared to yesterday's data solutions, cloud computing is faster, more accessible, more scalable, more secure, and offers huge cost efficiencies.

Large-scale adoption of cloud computing means golden opportunity for the IT professionals who make the transformation happen. Cloud computing is the future; anyone without relevant skills will soon be left behind.

Read on to discover why AWS is the most exciting cloud platform to learn.

[Aside]

- The global public cloud services market is predicted to increase by 18% to \$246.8Bn in 2017.

(‘Gartner Says Worldwide Public Cloud Services Market to Grow 18 Percent in 2017’ Press Release)

- Cloud computing spending is increasing more than six times faster than overall IT spending, and is predicted to reach \$162B by 2020.

(IDC, ‘The Salesforce Economy’ Whitepaper)

- 74% of tech CFOs say cloud computing will have the biggest impact on their business in 2017, ahead of the Internet of Things, AI, VR and block-chain.

(2017 BDO Technology Outlook Survey)



[Page 3]

Amazon Web Services

Leading the cloud computing pack

AWS is the market-leading cloud services platform by considerable distance. It's the Mercedes-Benz of cloud computing, with over 1M active users using AWS products and solutions to build sophisticated, diverse and exciting business applications.

The AWS user-list reads like a who's who of innovative and important brands across every industry. These businesses need architects to design, developers to code, and engineers to make sure everything runs smoothly – and these roles command extravagant rewards.

Combine that high demand with short supply – only a handful of instructors in Europe are qualified to train AWS, meaning AWS superstars are hard to find – and you get the perfect storm for AWS professionals. The opportunity is huge.

Keep reading to discover why you're most likely to succeed in AWS when you train with 360GSP.

[Aside]

Why AWS?

- ✓ Command a higher salary
- ✓ Embrace cutting-edge projects
- ✓ Differentiate from peers
- ✓ Accelerate career trajectory
- ✓ Hop-scotch the career ladder
- ✓ Gain recognition and renown

[Aside]

Q: What do Netflix have in common with Adobe?

Airbnb?
Spotify?
BMW?
Lamborghini?
Guardian News & Media?
SoundCloud?
Johnson & Johnson?
Shazam?
Unilever?
JustGiving?
McDonalds?
National Trust?
and
Shell?

A: They all use AWS.



[Aside]

- Amazon have enjoyed more than 43% AWS sales revenue growth year-on-year since 2016.

(Amazon.com, Q1 2017 Financial Results, Conference Call Slides)

- Each of the five AWS certifications report an average salary of over \$100,000 each in 2017.

(GK 2017 IT Skills and Salary Survey)



[Page 4]

Train with 360GSP **The industry-leading IT training centre**

AWS is an incredible string to your bow but it certainly isn't easy, which means professional training is hugely beneficial. In fact, only 1 in 10 people who sit AWS exams pass – but that leaps to around 8 in 10 amongst people who've taken professional AWS training.

Put simply, professional training is a no-brainer if you're serious about certifying. And 360GSP should be your professional training choice.

Experience - We've been operating for 14 years, and have helped over 8000 IT professionals broaden their skills, earn certifications and strengthen their career.

Quality – Our AWS instructor is one of the handful of qualified trainers across all of Europe, so you get an incredible standard of support.

Flexibility – We run weekday, evenings and weekend courses across multiple London locations, as well as live online streaming, so you can upgrade your skills without disruption to your current career.

Depth - Our AWS courses are more comprehensive than others on the market, often by a day or more, so your new skills can really sink in. So you're more likely to pass the exam but, most importantly, more able to apply those skills in your career.

Practicality – You spend 80% of your time on our courses in the lab, actually designing, building and playing with your own architecture. Learning by doing, not reading.

Comfort – Our state-of-the-art training facilities are equipped to the highest standards - so you can focus on learning, not on waiting for the Wi-Fi to load.

When you train for AWS certification with 360GSP, you don't just learn AWS skills. You learn how to leverage those skills in the most effective way to satisfy employers.

AWS certification isn't the end game. The end game is better career opportunities, higher pay, more exciting projects and a fantastic reputation.

That's us. How about you? Keep reading to discover which AWS training path is the best fit for you.



[Page 5]

Your AWS Journey **Where will AWS take you?**

We offer AWS courses tailored to all levels of experience, from total beginner to seasoned pro wanting to level-up. Here's what your learning journey could look like.

[Learning roadmap graphic]

Read on to explore these AWS courses in more depth, or check out page 13 for our course packages.



[Page 6]

Your AWS Journey ENTRY LEVEL COURSES

These two entry level courses help you start preparing for AWS certifications if you're new to AWS. They're geared to build the foundations you need to successfully secure AWS certification at Associate level if you don't already have extensive AWS or IT experience.

Introduction to AWS

Length: ½ day

Investment: £149.00

Overview

The Introduction to AWS course introduces you to the fundamentals of AWS products, services and solutions. After completing the course you'll have a solid understanding of the AWS landscape that'll prove useful for general IT roles, or provide a foundation to build your AWS skills further.

Who should enrol?

You might be a graduate wanting to fast-track your career, or an entry-level or junior professional breaking into IT. Or maybe you have existing knowledge of IT but you're starting your AWS journey from scratch. Or perhaps you're a non-IT professional like a project manager or director who wants to build understanding of cloud technology.

Outline

- What is Cloud?
- Why is everyone talking about Cloud?
- On-premises vs. Cloud
- Cloud service basics
- Technologies behind Cloud
- Cloud service types and deployment models
- Advantages and disadvantages of Cloud
- Price models of Cloud services
- Cloud service providers
- Hands-on labs on AWS

Do you want to explore the fundamentals of AWS, but you don't have extensive previous experience? Take Introduction to AWS.



[Page 7]

Your AWS Journey ENTRY LEVEL COURSES

AWS Essentials

Length: 2 days

Investment: £600.00

Overview

The AWS Essentials course teaches you the fundamentals of cloud computing, storage and networking on AWS. Comprehensive hands-on lab exercises walk you through key AWS cloud services. After completing the course you'll understand AWS management tools and services, and talk confidently about AWS using the correct terminology and concepts. In particular, you'll know about EC2, AWS various Storage options, and VPC as well as Database options. You'll also know how to secure your AWS service using IAM.

Who should enrol?

This is the perfect next step if you've completed the Introduction to AWS course and want to continue your AWS journey. Or you might start here if you have a good understanding of AWS but haven't had practical AWS experience and want to boost your skills before certification.

Outline

- Introduction and History of AWS
- AWS Infrastructure: Compute, Storage, and Networking
- AWS Security, Identity, and Access Management
- AWS Databases
- AWS Elasticity and Management Tools

Do you want to build a complete understanding of the AWS concept and framework, before starting your certification journey? Take AWS Essentials.



[Page 8]

Your AWS Journey ASSOCIATE LEVEL COURSES

The three associate level courses align to AWS Associate certification in the three different disciplines, Architect, Developer and SysOps. These certifications mark you as a capable and experienced AWS specialist who can drive real value for employers. Most professionals have a clear preference and affinity for one path, but there's nothing to stop you securing all three Associate certifications.

Your course investment includes exam enrolment.

The Associate level courses are best suited to IT professionals with familiarity with Cloud and AWS.

AWS Architect Associate

Length: 4 days

Investment: £1,495.00

Overview

In this course you'll learn how to build secure and reliable applications on the AWS platform. You'll learn the wide variety of AWS services, and understand how these services integrate within AWS. After completing the course, you'll be able to design and deploy a wide range of IT infrastructure in AWS both confidently and correctly, including hybrid systems.

Before attending this course, you'll already know how to build and use cloud services in AWS and have experience designing distributed applications. This course teaches you to make your cloud services more reliable, resilient, scalable and secure.

Who should enrol?

You're confident operating in the AWS landscape, and have extensive solution design and architecture skills in at least one programming language. You're likely a Solution Architect, Solution Design Engineer or IT Infrastructure Engineer currently. This course is also perfect if you have extensive knowledge and practical experience in other cloud service providers but little or no experience in AWS.

Outline

- Core AWS Knowledge
- Core AWS Services
- Designing Your Environment
- Making Your Environment Highly Available



- Forklifting an Existing Application onto AWS
- Event-Driven Scaling
- Automating
- Decoupling
- Build a new environment
- The Well-Architected Framework
- Troubleshooting Your Environment
- Large-Scale Design Patterns and Case Studies

Exam

AWS Certified Solutions Architect – Associate

Do you want to transfer your existing solution design and architecture skills to AWS, and earn a prestigious certification that proves your value to employers? Take AWS Architect Associate.



[Page 9]

Your AWS Journey ASSOCIATE LEVEL COURSES

AWS Developer Associate

Length: 4 days

Investment: £1,495.00

Overview

AWS makes implementing the DevOps model easy. In this course you'll cement the technical expertise to develop and maintain applications on the AWS platform, especially the CI/CD model. You'll use AWS SDK tools to develop applications using AWS as PaaS. You'll learn to optimise performance of AWS services, and understand code-level application security. After completing the course, you'll have the technical know-how to confidently develop secure, scalable and fast AWS solutions.

Who should enrol?

You're confident operating in the AWS landscape, and have deep hands-on knowledge of at least one of Java, C#/.Net or Python. You're likely a Software Developer/Operator or Game Developer currently.

Outline

- Introduction to Developing on AWS
- Choosing a Data Store
- Developing Storage Solutions with Amazon S3
- Developing Flexible NoSQL Solutions with Amazon DynamoDB
- Working with Events
- Developing Event-Driven Solutions with Amazon Kinesis Stream
- Developing Event-Driven Solutions with Amazon SWF, Amazon SQS, and Amazon SNS
- Developing Event-Driven Solutions with AWS Lambda
- Developing Secure Applications
- Caching Information for Scalability
- Monitoring Your Application and AWS Resources with Amazon CloudWatch
- Deploying Applications with AWS Elastic Beanstalk and AWS CloudFormation

Exam

AWS Certified Developer – Associate

Do you want to apply your existing development skills to the AWS platform, and validate your technical skill to employers with a respected certification? Take AWS Developer Associate.



[Page 10]

Your AWS Journey ASSOCIATE LEVEL COURSES

AWS SysOps Associate

Length: 4 days

Investment: £1,495.00

Overview

Deployments and operations are the essence of AWS SysOps. You'll learn to create automatable, repeatable, scalable deployments of networks and systems through AWS. You'll learn techniques to effectively and efficiently configure and deploy diverse system features.

After completing the course, you'll be able to confidently deploy, manage and operate AWS systems in line with best practices. Using AWS as the platform for your app development, you'll be able to implement Dev, Test and Production System Operation as a fully automated and repeatable deployment.

Who should enrol?

You're confident operating in the AWS landscape, and have a strong working understanding of operations and deployment best practices. You'll understand how to define solution requirements. You're likely a System Administrator or Software Developer – especially DevOps – currently.

Outline

- System Operations on AWS Overview
- Networking in the Cloud
- Computing in the Cloud
- Storage and Archiving in the Cloud
- Monitoring in the Cloud
- Managing Resource Consumption in the Cloud
- Configuration Management in the Cloud
- Creating Scalable Deployments in the Cloud
- Creating Automated and Repeatable Deployments

Exam

AWS Certified SysOps Administrator – Associate

Do you want to transfer your existing systems deployment, management and operations to the AWS platform, and prove your value to employers? Take AWS SysOps Associate.



[Page 11]

Your AWS Journey

PROFESSIONAL LEVEL COURSES

The two professional level courses align to AWS Professional certification in either Architecting or DevOps Engineering. These Professional certifications mark you as an expert on AWS and are highly-valued by employers. You likely have a clear preference and affinity for one path, but, as with the Associate certifications, there's nothing to stop you securing both.

Your course investment includes exam enrolment.

To be eligible for the Professional level AWS courses you must hold Associate status in your discipline.

AWS Advanced Architecting

Length: 4 days

Investment: £1,495.00

Overview

In this course you'll build the advanced technical skills to design complicated distributed applications and systems through AWS. You'll learn to migrate complex application systems to AWS and how to implement cost control strategies.

After completing the course you'll be able to design and deploy complex, diverse enterprise-wide applications that leverage the full potential of AWS. You'll be able to confidently assess organizational needs to make and implement tailored architectural recommendations.

Who should enrol?

You're an experienced architecture professional who holds AWS Certified Solutions Architect Associate status and wants to continue your journey to the pinnacle of AWS achievement.

Outline

- Review of Architecting for the Cloud Best Practices and the AWS Well-Architected Framework
- AWS Account Strategies
- Advanced Networking Architectures
- Deployment Management on AWS
- Designing Large Datastores
- Moving Large Datastores into AWS
- Big Data Architectures



- Designing for Large Scale Applications
- Building Resilience into Your Architecture
- Data Encryption and Key Management in AWS
- Securing Data on AWS
- Designing for Performance

Exam

AWS Certified Solutions Architect – Professional

Do you want to continue your AWS Architecting journey and differentiate yourself as a leading AWS professional for employers? Take AWS Advanced Architecting.



[Page 12]

AWS DevOps Engineering

Length: 4 days

Investment: £1,495.00

Overview

In this course you'll learn how to use the common DevOps patterns to develop, deploy, operate and maintain distributed application systems on AWS. The exam focusses heavily on continuous delivery and process automation.

After completing the course you'll have deep knowledge of the DevOps methodology and be able to expertly apply it within the AWS infrastructure. You'll be able to confidently implement highly available and scalable systems on the AWS platform.

Who should enrol?

You're an experienced professional who holds AWS Certified Developer or Certified SysOps Administrator status. You're experienced in automation and testing, understand development processes and methodologies, and can develop code in at least one high-level programming language. You might be a System Administrator or Software Developer currently.

Outline

- What is DevOps?
- Infrastructure as Code, Part 1: Design and Security
- Infrastructure as Code, Part 2: CloudFormation and Configuration Management
- Continuous Integration on AWS
- Continuous Deployment on AWS
- Deploying Applications on AWS, Part 1
- Deploying Applications on AWS, Part 2
- Continuous Integration and Delivery Pipelines on AWS
- Performance-Tuning Your Deployments
- Administering and Automating Your Infrastructure

Exam

AWS Certified DevOps Engineer – Professional

Do you want to continue your Systems Operations or Developer journey, reaching the pinnacle of AWS achievement? Take AWS DevOps Engineering.



[Page 13]

AWS Course Packages

If you're already committed to your AWS journey, our course package options are the most cost-effective way to reach your goals.

Introduction to AWS

Investment: £600 (*Discount of £149*)

AWS Overview (½ day)

AWS Essentials (2 days)

Accelerate to Associate

Investment: £1,885 (discount of £359)

Introduction to AWS (½ day)

AWS Essentials (2 days)

AWS Architect Associate *OR* AWS Developer Associate *OR* AWS SysOps Associate
(4 days)

Cross Skills Associate

Investment: £2,540 (discount of £450)

AWS Architect Associate (4 days)

AWS Developer Associate *OR* AWS SysOps Associate (4 days)

Professional Architecting

Investment: £2,540 (discount of £450)

AWS Architect Associate (4 days)

AWS Advanced Architecting Professional (4 days)

Professional DevOps

Investment: £2,540 (discount of £450)

AWS Developer Associate *OR* AWS SysOps Associate (4 days)

AWS DevOps Professional (4 days)



[Page 14]

Are you ready to accelerate your career, earn greater rewards and unlock more exciting, challenging projects at the pinnacle of IT and cloud computing?

Kick off your AWS journey today, and let's start building tomorrow.

Contact us at:

hello@360gsp.com

020 8672 4151

www.360gsp.com

Training Facilities:

[As given]