PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: Advanced Architecting On AWS	**Course Duration**: 3.0 Days
Exam: Not Included	**Exam Type**: No Exam
Qualification: No Certificate	

Course Syllabus

DAY 1

- Review of Architecting for the Cloud Best Practices and the AWS Well-Architected Framework
- AWS Account Strategies
- Advanced Networking Architectures
- Deployment Management on AWS

DAY 2

- Designing Large Datastores
- Moving Large Datastores into AWS
- Big Data Architectures
- Designing for Large Scale Applications

DAY 3

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

Course Overview

Our three-day Advanced Architecting On AWS training course builds on concepts introduced in the Architecting On AWS training course and covers how to build complex solutions that incorporate data services, governance, and security on Amazon Web Services (AWS).

Our Advanced Architecting On AWS training course introduces specialised AWS services, including AWS Direct Connect and AWS Storage Gateway to support Hybrid architecture. It also covers designing best practices for building scalable, elastic, secure, and highly available applications on AWS.

Course Learning Outcomes

Our Advanced Architecting On AWS training course will teach you how to:

- Apply the AWS Well-Architected Framework
- Manage multiple AWS accounts for your organisation
- Connect on-premises data centers to the AWS Cloud

- Understand billing implications of connecting multi-region VPCs
- Move large data from on-premises data centers to the AWS Cloud
- Design large data stores for the AWS Cloud
- Understand different architectural designs for scaling a large website
- Protect your infrastructure from DDoS attacks
- Secure your data on AWS with encryption
- Design protection of data at rest as well as data in flight
- Enhance the performance of your solutions
- Select the most appropriate AWS deployment mechanism

Audience

Our Advanced Architecting On AWS training course is intended for experienced IT professionals who are already familiar with AWS services.

Entry-Level Requirements

We recommend that attendees of our Advanced Architecting On Amazon Web Services (AWS) training course have the following prerequisites:

- Attended Architecting On Amazon Web Services (AWS)
- Achieved AWS Certified Solutions Architect – Associate

Recommended Reading

There is no prereading associated with our Advanced Architecting On AWS training course.

What's Included

Our Advanced Architecting On AWS training course includes full course materials.

Exam Information

There are no formal examinations included in the cost of our Advanced Architecting On AWS training course, however exam vouchers can be ordered separately for your certification requirement.

What's Next

Our three-day Systems Operations On AWS training course covers the specific AWS features and tools related to configuration and deployment, as well as common techniques used throughout the industry for configuring and deploying systems.

Additional Information

Our Advanced Architecting On AWS training course is intended for individuals who are experienced with designing scalable and elastic applications on the AWS platform.