PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

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

Course Syllabus

Our Systems Operations On AWS training course will cover the following topics:

DAY 1

- System Operations on AWS Overview
- Networking in the Cloud
- Computing in the Cloud

DAY 2

- Storage and Archiving in the Cloud
- Monitoring in the Cloud
- Managing Resource Consumption in the Cloud

DAY 3

- Configuration Management in the Cloud
- Creating Scalable Deployments in the Cloud
- Creating Automated and Repeatable Deployments

Course Overview

Our three-day Systems Operations On AWS training course is designed to teach those in a Systems Administrator or Developer Operations (DevOps) role how to create automatable and repeatable deployments of networks and systems on the AWS platform.

Our 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.

Course Learning Outcomes

Our Systems Operations On AWS training course will you teach you how to:

- Use standard AWS infrastructure features such as Amazon Virtual Private Cloud (VPC), Amazon Elastic Compute Cloud (EC2), Elastic Load Balancing, and Auto Scaling from the command line
- Use AWS CloudFormation and other automation technologies to produce stacks of AWS resources that can be deployed in an automated, repeatable fashion
- Build functioning virtual private networks with Amazon VPC from the ground up using the AWS Management Console
- Deploy Amazon EC2 instances using command line calls and troubleshoot the most common problems with instances

- Monitor the health of Amazon EC2 instances and other AWS services
- Manage user identity, AWS permissions, and security in the cloud
- Manage resource consumption in an AWS account using tools such as Amazon CloudWatch, tagging, and Trusted Advisor
- Select and implement the best strategy for creating reusable Amazon EC2 instances
- Configure a set of Amazon EC2 instances that launch behind a load balancer, with the system scaling up and down in response to demand
- Edit and troubleshoot a basic AWS CloudFormation stack definition

Audience

Our Systems Operations On AWS training course is suitable for:

- System Administrators
- Software Developers, especially those in a Developer Operations (DevOps) role

Entry-Level Requirements

Our Systems Operations On AWS training course has the following entry-level requirements:

- You have attended the AWS Technical Essentials training course
- Background in either software development or systems administration
- Some experience with maintaining operating systems at the command line (shell scripting in Linux environments, cmd or PowerShell in Windows)
- Basic knowledge of networking protocols (TCP/IP, HTTP)

Recommended Reading

There is no recommended reading associated with our Systems Operations On AWS training course.

What's Included

Our Systems Operations On AWS training course includes full course materials.

Exam Information

There is no formal examination or certification included in the cost of our Systems Operations On AWS training course.

Exam vouchers can be ordered separately for your certification requirement.

What's Next

Our three-day Architecting On AWS training course covers the fundamentals of building IT infrastructure on the AWS platform. It also covers how to create fledgling architectures and build them into robust and adaptive solutions.

Additional Information

Our 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.