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PHOENIX TS

Cloud Management

Due to Covid-19 safety restrictions PhoenixTS will temporarily be unable to provide food to our students who attend class at our Training Center; however, our Break Areas are **currently open** where students will find a constant supply of Coffee, Tea and Water. Students may bring their own lunch and snacks to eat in our breakrooms or at their seat in the classroom or eat out at one of the many nearby restaurants.

Course Overview

This 3-day instructor-led course provides the basic knowledge and skills needed to analyze, select, monitor, and protect cloud resources in a vendor-neutral format; this includes vulnerability management, network reconnaissance, and monitoring, connecting networks to clouds, cloud migration, secure policies and procedures, host and network security, identity management systems, and incident response.

Upon completion of this course, students will be able to:

- Understand the possibilities offered by cloud and serverless computing for organizations.
- Invest in hands-on courses to help develop the skills to diagnose and troubleshoot, while testing, deploying, and monitoring complex IT environments.
- Discuss the potential computing, environmental, legal, and ethical issues associated with cloud computing.
- Present cloud computing from the perspective of users, researchers, and decision-makers.

Who Should Attend

This course is intended for:

- System Architects
- System/Network/Database Administrators
- IT Operations Staff,
- Systems Analysts/Engineers
- Information Security and Compliance Managers

Course Outline

Introduction

- Understanding Compute / HPC nature of the cloud

Cloud architecture

- Learn about cloud use cases.
- IaaS overview
- Business decisions

Defining Cloud infrastructure (Technical)

- Cloud Providers
- Service types
- Containerization and features

Understanding Risk and Business Impact Analysis

- Identifying Common risk
- Understanding cost of service

Examples of SaaS solutions

- Reviewing well known SaaS implementations
- Other known tools that have Cloud infrastructure

Code Execution and APIs

- Automation considerations
- Integration cli execution

Serverless cloud implementations

- Running in memory without storage

Legal considerations and Ethics

- Difference between law and agreements
- Review SLAs

Using the cloud or building the cloud moving forward.

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Starting at **\$699**

ATTENTION

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