View Full Course Details including Latest Schedule Online

PHOENIX TS

Cloud Security Training

This course provides IT professionals with a fundamental understanding of how to secure cloud infrastructures.

BONUS! Cyber Phoenix Subscription Included: All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

Course Overview

Our 4-day, instructor-led Cloud Security Training course is designed for cyber security professionals. Students will learn:

- Practical solutions to a wide-range of cloud computing issues
- Cloud security technology and implementation

Before taking this course, you should have an understanding of basic cloud computing and security fundamentals.

Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 301-258-8200.

Course Outline

Introduction

- Cloud computing essentials

- Overview of cloud computing
- Cloud security baselines
- Cloud security, privacy, and trust baselines
- Infrastructure as a Service (IaaS)

Risk Analysis And Division Of Responsibility

- Risk and trust assessment: schemes for cloud services
- Managing risk in the cloud
- Cloud security risk management
- Secure cloud risk management: risk mitigation methods

Securing The Cloud Infrastructure

- Specification and enforcement of access policies in emerging scenarios
- Cryptographic key management for data protection
- Cloud security access control: distributed access control
- Cloud security key management: cloud user controls
- Cloud computing security essentials and architecture
- Cloud computing architecture and security concepts
- Secure cloud architecture

Operating System And Network Security

- Locking down the cloud servers
- Third-party providers integrity assurance for data outsourcing

Meeting Compliance Requirements

- Negotiating cloud security requirements with vendors
- Managing legal compliance risk in the cloud and negotiating personal data protection requirements with vendors
- Integrity assurance for data outsourcing
- Secure computation outsourcing
- Computation over encrypted data
- Trusted computing technology
- Computing technology for trusted cloud security
- Trusted computing technology and proposals for resolving cloud computing security problems
- Assuring compliance with government certification and accreditation regulations
- Government certification, accreditation, regulations and compliance risk

Preparing For Disaster Recovery

- Simplifying secure cloud computing environments with cloud data centers
- Availability. recovery, and auditing across data centers

Advanced Cloud Computing Security

- Advanced security architectures for cloud computing
- Side-channel attacks and defenses on cloud traffic
- Clouds are evil
- Future directions in cloud computing security: risks and challenges

Cloud Security Training FAQs

What professions benefit from Cloud Security Training?

This course is ideal for security professionals, cloud infrastructure engineers, cloud services engineers, cloud integrator and technology managers.

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Starting at **$1,950**

ATTENTION

For GSA pricing or Contractor quotes call 301-258-8200 – Option 2.

GSA

Price Match Guarantee

We'll match any competitor's price quote. Call us at 240-667-7757.

This **Cloud Security Training** course includes:

- 4 days of instructor-led training
- Phoenix TS's Cloud Security Training course satisfies CE requirements Security+, CASP+, CISSP & other relevant security certifications.
- Eligible for MyCAA scholarship
- This course also follows NICE framework

- Notepad, pen and highlighter
- Variety of bagels, fruits, doughnuts and cereal available at the start of class*
- Tea, coffee and soda available throughout the day*
- Freshly baked cookies every afternoon*

**denotes this benefit is only available at participating locations*