301-258-8200 | Sales@PhoenixTS.com | www.PhoenixTS.com

View Full Course Details including Latest Schedule Online

COMPTIA

Cloud and Virtualization Essentials Combo Training

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

This five-day instructor-led training combines two training courses:

- CompTIA Cloud Essentials
- Virtualization Essentials Professional (VEP)

The course focuses on how to utilize virtualization and cloud computing in a business or enterprise environment. The instructor examines both the technical and business perspectives regarding the benefits of combined technologies.

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.

Program Level

Intermediate

Training Delivery Methods

Group Live

Duration

5 Days / 32 hours Training

CPE credits

26 NASBA CPE Credits

Field of Study

Information Technology

Advanced Prep

N/A

Course Registration

Candidates can choose to register for the course by via any of the below methods:

- Email: Sales@phoenixts.com
- Phone: 301-582-8200
- Website: www.phoenixts.com

Upon registration completion candidates are sent an automated course registration email that includes attachments with specific information on the class and location as well as pre-course study and test preparation material approved by the course vendor. The text of the email contains a registration confirmation as well as the location, date, time and contact person of the class.

Online enrolment closes three days before course start date.

On the first day of class, candidates are provided with instructions to register with the exam provider before the exam date.

Complaint Resolution Policy

To view our complete Complaint Resolution Policy policy please click here: Complaint Resolution Policy

Refunds and Cancellations

To view our complete Refund and Cancellation policy please click here: Refund and Cancellation Policy

Course Outline

Cloud Computing Introduction

- Cloud Computing Overview
- The History of Cloud Computing
- Specialized and Specific Cloud Services

The Business Value of the Cloud

- The Need for the Cloud
- Scalability
- Security
- Impact of the Cloud on Business

Technical Perspectives of the Cloud

- Deployment Models
- Network Requirements for Developing the Cloud
- Self Service and Automation
- Federation
- Standardization

Technical Challenges of Cloud Computing

- Storage
- Performance of Applications
- Integrating Data
- Mitigating Risks
- The Application Architecture and Involved Development Process

Successful Adoption of Cloud Based Services

- Steps to Adopting Cloud Services
- An Organization's Capability to Adopt Cloud Services
- Capabilities and Roles of a Cloud Vendor
- Migrating Applications

ITIL and Cloud Computing

- Overview of ITIL
- Laying Out a Service Strategy
- Designing Cloud Services
- Transitioning to a Live Environment
- Running a Cloud Service Operation
- Continuous Improvement of Service

Identifying Risks and Consequences

- Organizational Risks
- Technical Risks
- Legal Risks
- Evaluating the Cost of Cloud Computing
- Identifying the Maintenance Aspects of Strategic Flexibility

Virtualization Essentials:

- Introduction to Virtualization
- Virtualization from a Business Perspective
- Server Virtualization
- Networks, Storage and Applications
- Utilizing Workplace Virtualization Technologies
- Adopting Virtualization
- Operating Virtualization
- Effectively Managing Virtualization

Exam Information

Cloud Essentials

Cloud Essentials covers the following domains:

- Technical Perspective/Cloud Types – 20%
- Cloud Computing and Business Value – 20%
- Cloud Services Characteristics from a Business Perspective – 15%
- Steps to Succesfsul Adoption of Cloud Computing – 15%
- Risks and Consequences of Cloud Computing – 15%
- Impact and Changes of Cloud Computing on IT Service Management – 15%

The Cloud Essentials certification exam consists of:

- 50 questions
- Passing Score is 720
- 60 minute time frame to complete
- Test Delivery is through Pearson VUE

Virtualization Essentials Professional (VEP)

VEP covers the following topics:

- Business Perspective of Virtualization
- Technical Capabilities and Operating Model for Virtual Infrastructures
- Integrating Virtualization into an Organization's Current Risk and Regulatory Framework
- Benefits and Associated Costs
- Adoption Barriers and Steps for Successful Adoption
- Impact on IT Service Manaement

The Virtualization Essential Professional certification exam consists of:

- 40 multiple choice questions
- Closed book
- 60 minute time frame to complete
- Passing score is 65% (26 out of 40)
- Test Delivery through Pearson VUE

Phoenix TS is an authorized testing center for Pearson VUE & Prometric exams. Register for exams by visiting the Pearson VUE and Prometric websites or call us at (240) 667-7757.

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Starting at **$2,750**



Price Match Guarantee

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

Included in this **Cloud and Virtualization Essentials Combo Training**

- 5 days instructor-led training
- Cloud and Virtualization Essentials Combo Training training book
- 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*