The Virtualization Essentials Course™ - A 12 hours Elearning Course

The Virtualization Essentials Course™ is an interactive, online learning experience. The course provides a balanced curriculum and addresses the business perspective, the technical organization, and operating and governing virtualization. The course enables the participants to successfully complete the associated Virtualization Essentials exam to become a Virtualization Essentials Professional (VEP) with the Cloud Credential Council. In addition, the course complements the Cloud Essentials course. The participants can take the Cloud Essentials course either before or after they have taken the Virtualization Essentials course.

Course Approach

Scenario-driven learning has always been one of the key success factors, because it puts participants in the right mindset to apply the principles in a realistic setting. The role-play activities included in this course present a real-world connection by using situations that can occur in the day-to-day life of participants. In addition, interactive elements such as brainstorms, quizzes, and discussions add to the interactive nature of this course.

Audience

IT Support Staff - IT Consultants - Business Managers - Business Analysts - Small and Midsized Business Owners - Business Process Owners - IT Developers - Service Providers - System Integrators – Architects – Consultants

Learning Objectives

At the end of this course, participants will be able to:

- Understand the common terms and definitions of virtualization.
- Comprehend the business benefits and business considerations of virtualization.
- Understand various approaches to server virtualization, its relevance to the modern data center
- Explain typical steps that lead to the successful adoption of virtualization techniques
- Recognize the compliance, risk, and regulatory consequences of virtualization and its financial and strategic impact on an organization.

Course Logistics

Computer (Pentium IV, Internet Explorer 5.x, cookies enabled, Macromedia Flash Player 6.0, speakers or a headset, and 1,024X768 pixel resolution). Broadband Internet connection.

Prerequisites

There are no formal prerequisites. However, it is recommended that participants have experience in the IT domain.

Course Material

Online, self-paced instructional material available for 90 days

Timetable

It is a 12 hours elearning course, Online, self-paced instructional material available for 90 days

Program

- Course Introduction : Course Overview - Introduction of Virtualization : Context, Definitions, and Landscape
- Business Perspective : Business Value, Inhibitors, and Challenges
- The Virtual Data Center: Server Virtualization Server Virtualization, Elements, Platforms, and Features…
- Workplace Virtualization Technologies : Workplace, Challenges, and Solutions
- Adopting Virtualization : Roadmaps, Service Introduction, and Migration Techniques
- Operating Virtualization: Service Management Applied to Virtualization
- Governing Virtualization : Risk Management, Financial Management, and Sharing Policy
- Exam Preparation : 40 Sample Questions

About the Examination

- The course includes an Exam Preparation module, preparing participants to complete the Virtualization Essentials exam on the second day of the course.
- The online exam is in closed-book format, with 40 multiple-choice questions. The pass score is 65% (26 out of 40 questions). The exam lasts for 60 minutes.
- Professionals who have passed both the CompTIA® Cloud Essentials Exam, as well as the CCC Virtualization Essentials Exam are eligible for the Cloud Technology Associate Certificate (www.cloudcredential.org).

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