
The Virtualization and Cloud Awareness Course - A 4 hours Elearning Course

The Virtualization and Cloud Awareness provides a 4-hour, interactive, online learning experience. This self-paced eLearning course is ideal for those who require a basic understanding of the virtualization and cloud computing concepts in a time-efficient manner. The course has been designed for learners who need this basic awareness as a general interest—as part of a larger program initiative—as opposed to the full certification Virtualization and Cloud Essentials courses.

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 brainstorming, quizzes, and discussions add to the interactive nature of this course.

Audience

IT and business executives and staff who want to receive an overview of the concepts and the significance of virtualization and cloud computing.

Learning Objectives

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

- Understand the common terms and definitions of virtualization and cloud computing and be able to give examples.
- Understand the technical capabilities and business benefits of virtualization and cloud computing and how to measure these benefits.
- Describe the landscape of different types of virtualization and understand the different types of clouds.
- Illustrate how key application features can be delivered on virtual infrastructures.
- Explain typical steps that lead to the successful adoption of virtualization technologies.
- Understand the similarities and differences between cloud computing and outsourcing.

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 4 hours elearning course, Online, self-paced instructional material available for 90 days

Program

- Course Introduction :
 - Course Overview -
 - Introduction of Virtualization : Context, Definitions, Landscape, Suitability for Organizations
- Virtualization :
 - Server Virtualization
 - Workplace Virtualization
 - Vendors-
 - Business Value
 - Adopting Virtualization
- Cloud Computing :
 - Cloud Service Model
 - Cloud Service Providers
 - Risks Connected to Cloud Computing