



# Virtualization Foundation Course



## Course Description:

The Virtualization Foundation course is a 2-day, interactive, classroom-based learning experience that provides a balanced curriculum, addresses the business and technical perspectives of virtualization, and explains how to adopt, operate, and govern the cloud. The course enables participants to successfully complete the associated Virtualization Foundation exam. Additionally, the course complements the Cloud Computing Foundation course, which the participants can take either before or after completing the Virtualization Foundation course.

## Course Approach:

Scenario-driven learning allows participants to apply the principles of virtualization and cloud computing in a realistic setting. The role-playing activities included in this course present a real world connection using situations that occur in everyday life. In addition, activities including brainstorming sessions, quizzes, and discussions add to the interactive nature of this course.

## 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, available platforms and important features.
- Understand the implications of virtualization on storage, networks and applications, and recognize issues, challenges and opportunities for managing this.
- Comprehend the implications of virtualization on the modern workplace and recognize challenges and opportunities for managing this.
- Understand the impact and changes of virtualization on IT Service Management.
- Explain typical steps that lead to the successful adoption of virtualization techniques and understand the implications for the organization.



### Prerequisites:

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

### Course Student Material:

Participants receive a copy of the classroom presentation material and the Student Handbook, which contains Reference Material. In addition, a Virtualization Foundation Sample Exam is provided.

### About the Examination:

- The course includes an Exam Preparation module, preparing participants to complete the Virtualization Foundation exam on the second day of the course.
- The exam is in closed-book format, with 40 multiple-choice questions. The passing score is 65% (26 out of 40 questions) and the exam lasts for 60 minutes.

### Agenda:

DAY 1	DAY 2
1. Course Introduction	6. Workplace Virtualization Technologies
2. Introduction to Virtualization	7. Adopting Virtualization
3. Business Perspective	8. Operating Virtualization
4. The Virtual Data Center: Server Virtualization	9. Governing Virtualization
5. The Virtual Data Center: Storage, Networks and Applications	10. Exam Preparation Exam

### About TechnoLava LLC:

TechnoLava LLC is focused on IT Service Management and Cloud Computing Solutions. We provide ITIL and Cloud best practice consulting, training, assessment and implementation services. Our ITSM Maturity and ISO20000 Assessment services will develop a roadmap to ensure process improvement across the organization. TechnoLava provides Full Lifecycle Development, to include Requirements Analysis, Process and Workflow development, Training and Design and Implementation of the solution. TechnoLava enables immediate benefits to Cloud and IT Service Management solutions by delivering predictability, security, availability and reliability to your operational environment.