

# Principle of Virtualization

## Course Overview

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# Course Details

Total Lecture hours - 45 hours

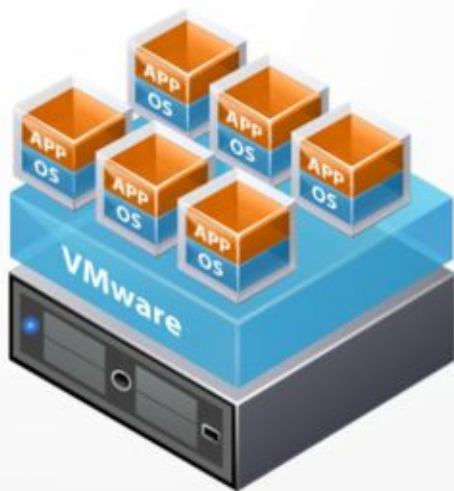
Principle of Virtualization Lab - 15 hours

# Objective

1. Overview and Scope of Principle of Virtualization.
2. Course Objectives and outcomes.
3. Carrier orientation in the perspective of this course curriculum.

VIRTUALIZATION :

# Virtualization Overview



Virtual Architecture

Server Virtualization

Network Virtualization

Storage Virtualization

Application Virtualization

Desktop Virtualization



Image courtesy : Microsoft

What is Data Center ?

# Data center

Data center is a physical facility that organizations use to house their critical applications and data.

A data center's design is based on a [network of computing and storage resources](#) that enable the delivery of shared applications and data.

The key components of a [data center design](#) include routers, switches, firewalls, storage systems, servers, and application-delivery controllers.



# Syllabus Overview

Brief introduction to Course Objectives, Course Outcomes and Content

[https://docs.google.com/document/d/1g6V9tH51vfu989S\\_4wVt7B9u\\_LB9nMcnjthSP5aGXBQ/edit?usp=sharing](https://docs.google.com/document/d/1g6V9tH51vfu989S_4wVt7B9u_LB9nMcnjthSP5aGXBQ/edit?usp=sharing)