

# Cloud Computing

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## **Cloud And Virtualization Concepts**

**Introduction to Virtualization:** This section likely provides a general overview of virtualization, explaining the concept and its significance. It may introduce the key terms and concepts related to virtualization.

**The Hypervisor:** This section is likely to delve into the hypervisor, a fundamental component of virtualization. It may discuss the different types of hypervisors, their functions, and how they enable the creation and management of virtual machines.

**The Data Center:** This section may discuss the traditional data center infrastructure and its challenges, such as resource utilization and scalability issues. It sets the stage for the transition to virtual data centers.

**The Virtual Data Center:** This section is expected to explore how virtualization transforms data centers. It may discuss how virtualization optimizes resource usage, enhances scalability, and simplifies management within a data center.

**The Cloud:** This section likely discusses the relationship between virtualization and cloud computing. It may explain how virtualization forms the foundation for cloud services and how it enables scalable and flexible solutions.

**Container Technology:** This section may introduce containerization technology, which is different from traditional virtualization. It could cover how containers work, their advantages, and their use cases compared to virtual machines.

**VMware Virtualization Solutions:** This section probably focuses on specific virtualization solutions provided by VMware, a prominent virtualization technology company. It may detail VMware's products and services, their applications, and their benefits in various contexts.



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Cloud and Virtualization provides the end user with the knowledge needed to start a career in the digital world. This badge holder will be aware of the basics of virtualization and the data center. Cloud concepts will be introduced along with virtualization solutions. The Cloud and More...

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