

## Learning Guide Unit 6

### Reading Assignment

As you read through the learning resource consider the following:

- *How does virtualization impact the way businesses manage and deploy their IT resources in cloud computing environments?*
  - *What are the potential implications of cloud computing on the future of technology and society as a whole?*
  - *How can advancements in virtualization security and data storage technologies facilitate the growth and development of cloud computing?*
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#### Read

1. Chen, L., Xian, M., Liu, J., & Wang, H. (2019, April 17). [\*Research on virtualization security in cloud computing, International conference on AI and big data application \(AIBDA 2019\) 20-22 December 2019, Guangzhou, China.\*](#) IOP Publishing.

- Read this paper for an overview of virtualization security in cloud computing.

2. Montini, H. (2022, November 25). [\*The future of data storage technologies.\*](#) SALVAGEDATA.

- Read this article on overview of storage and future trends in data storage.

3. Perry, Y. (2022, June 24). [\*The future of cloud computing: 5 trends you must know about.\*](#) NetApp BlueXP.

- Read this article to know the future trends in cloud computing.

4. Rashid, A., & Chaturvedi, A. (2019). [\*Cloud computing characteristics and services: A brief review.\*](#) *International Journal of Computer Sciences and Engineering*, 7(2), 421-426.

- Read this paper for an overview of cloud computing.

5. Rashid, A., & Chaturvedi, A. (2019). [\*Virtualization and its role in cloud computing environment.\*](#) *International Journal of Computer Sciences and Engineering*, 7(4), 1131-1136.

- Read this paper for an overview of Virtualization.