Daily Diary - Cloud Computing Training

Date: July 03, 2025

# Topics Covered Today:

* 1. Virtualization
* 2. A Typical Application Stack
* 3. Virtualized Stack
* 4. Cloud VM Characteristics
* 5. Drawbacks of Virtualization

# Learning Summary:

Today, I explored the concept of virtualization, which allows multiple virtual machines to run on a single physical machine. I studied a typical application stack and how it transitions to a virtualized stack in cloud environments. Additionally, I learned about the key characteristics of cloud-based virtual machines (VMs), such as scalability, isolation, and elasticity. Finally, I reviewed some common drawbacks of virtualization, including performance overhead and security challenges.