**Training Day 2 Report:**

27 June 2025

This session was conducted as part of the Cloud Foundation module on Great Learning. It provided detailed theoretical knowledge and business insights into the practical use of cloud computing in modern IT environments.  
Cloud computing is a transformative model that enables ubiquitous, convenient, and on-demand access to a shared pool of configurable computing resources.

## Main Topic: Classical Enterprise and Evolution to Cloud

Here are the key concepts and their expanded explanations:

1. 1. Classical IT Infrastructure:

- Explanation: Legacy systems with physical servers and fixed capacity.

- Additional Info: High cost, limited scalability, and complexity.

- Theory Extension: Cloud computing delivers services over the internet, offering faster innovation, flexible resources, and economies of scale. A key advantage of cloud systems is resource abstraction, enabling users to focus on their applications while the infrastructure is handled by providers.

1. 2. Evolution of Cloud:

- Explanation: Shift to flexible, scalable, and internet-based infrastructure.

- Theory Extension: Cloud computing delivers services over the internet, offering faster innovation, flexible resources, and economies of scale. A key advantage of cloud systems is resource abstraction, enabling users to focus on their applications while the infrastructure is handled by providers.

1. 3. Modern Enterprise Needs:

- Explanation: Cloud supports the rapid demands of today’s digital businesses.

- Theory Extension: Cloud computing delivers services over the internet, offering faster innovation, flexible resources, and economies of scale. A key advantage of cloud systems is resource abstraction, enabling users to focus on their applications while the infrastructure is handled by providers.

## Key Takeaways

- Legacy systems are not scalable for modern digital use.

- Cloud computing is a natural evolution of IT.

- Understood how cloud bridges the gap in speed, cost, and performance.

Additional Insights:  
The training included discussions on real-time scalability, security concerns in public and hybrid deployments, and vendor lock-in. It emphasized the need for professionals to understand pricing models and cloud governance in order to manage resources efficiently.

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