

Name _____

Cloud Computing's Impact on Traditional IT Infrastructure

Open-Ended Response Answer Key

1. The long-term impact of cloud computing on traditional IT infrastructure is likely to involve a continued shift toward cloud-based solutions. Organizations may increasingly rely on the cloud for scalability, cost-effectiveness, and flexibility. To adapt to this changing landscape, businesses should develop cloud strategies, upskill their IT workforce, and prioritize data security and compliance.
2. As the IT manager of a medium-sized company, migrating to the cloud could positively affect our operations and budget. It would reduce upfront hardware costs, enhance scalability for growth, and improve accessibility for remote employees. Additionally, it would simplify maintenance and updates, ensuring our IT systems remain efficient and secure.
3. Transitioning from traditional IT infrastructure to cloud computing may present challenges such as data migration, staff training, and ensuring data security. These challenges can be overcome by carefully planning the migration, providing training and support to employees, and working with experienced cloud providers.
4. When selecting a cloud provider, organizations should consider factors such as data security measures, compliance certifications, scalability options, cost-effectiveness, and the provider's reputation for reliability and support. This ensures a smooth transition to the cloud and efficient IT management.

