

Name _____

Exploring Key Cloud Service Providers: AWS, Azure, and Google Cloud

Open-Ended Response Answer Key

1. The future of cloud computing is expected to involve continuous innovation, with these key providers playing a central role. They are likely to expand their offerings in areas like AI, machine learning, and edge computing. Interoperability between different cloud platforms may become more crucial, allowing businesses to choose the best services from multiple providers.
2. As an IT consultant, I would consider factors such as the startup's existing technologies, scalability needs, budget constraints, and specific use cases. Based on these factors, I would advise them to choose the provider that aligns best with their unique requirements.
3. AI and machine learning are transforming industries by enabling automation, predictive analytics, and personalized experiences. Cloud providers like AWS, Azure, and Google Cloud provide the infrastructure and tools needed to develop, train, and deploy AI models, driving advancements in these fields.
4. Data sovereignty and compliance are critical because they ensure that data is stored and processed in compliance with local regulations. For example, GDPR in Europe requires data to be handled with strict privacy measures. Cloud providers with a global presence, like AWS, Azure, and Google Cloud, allow organizations to choose data center locations to meet these requirements.

