

Name _____

Adventures in the Cloud: The Life of a Cloud Engineer

Open-Ended Response Answer Key

1. Responses may vary but should include steps such as planning the infrastructure's architecture, selecting appropriate security measures, configuring servers and databases, implementing encryption, and setting up monitoring and automation for efficient resource management.
2. Cloud Engineers have revolutionized data storage and access, enabling businesses and individuals to store and retrieve data from anywhere. They have made it possible to scale resources as needed, reducing costs and improving efficiency.
3. Scalability in cloud engineering refers to the ability to increase or decrease resources as demand fluctuates. Cloud Engineers ensure scalability by using features like auto-scaling and load balancing to handle varying workloads.
4. A challenging situation for a Cloud Engineer might involve optimizing cloud costs while maintaining performance. They could approach this by analyzing resource utilization, identifying cost-saving opportunities, and adjusting configurations for efficiency.

