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## **Resilience in the Cloud: Building Reliable and Scalable solutions, Understanding the Core Principles and Resiliency Techniques**

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### **Abstract**

In today's fast-paced digital landscape, resiliency in the cloud is a business imperative, ensuring continuity, reliability, and agility in the face of disruptions. Cloud resiliency refers to the ability of cloud environments to recover quickly from failures and maintain uninterrupted operations. It is a cornerstone of modern business strategy, enabling organizations to safeguard critical services and maintain customer trust.