



RNS INSTITUTE OF TECHNOLOGY

Autonomous Institution Affiliated to VTU

Assignment 2: CLOUD COMPUTING

University Question Bank

A compilation of important questions for review

Question 1:

hi there?

Answer: Cloud computing offers several advantages in reducing time to market and capital expenses. **Reduced Infrastructure Costs** Cloud providers handle the infrastructure costs associated with hardware, software, and maintenance, eliminating the need for significant upfront investments by businesses. **Scalability and Elasticity** Cloud resources can be scaled up or down on demand, enabling businesses to quickly adapt to changing needs and avoid overprovisioning. This eliminates the need for large capital expenditures on infrastructure. **Rapid Deployment** Cloud platforms offer preconfigured environments and tools, facilitating faster application deployment and reducing development time. This significantly reduces the time to market for new products and services.

Question 2:

How does cloud computing help to reduce the time to market applications and to cut down capital expenses.?

Answer: The SaaS cloud delivery model on a public cloud faces several security threats. Data



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Breaches Unsecured data storage, lack of adequate data encryption, and vulnerabilities in the SaaS platform can lead to data breaches and unauthorized access to sensitive information. Lack of Control SaaS users have limited control over the underlying infrastructure and security configurations, increasing vulnerability to attacks. Shared Security Responsibility Shared responsibility models in public clouds require both the cloud provider and the user to implement security measures, which can be challenging to coordinate effectively. Vulnerability to ThirdParty Providers SaaS solutions rely on multiple thirdparty providers for various components. Security vulnerabilities in any of these providers can impact the overall security of the SaaS application.

Question 3:

Identify the main security threats for the SaaS cloud delivery model on a public cloud.?