SEMINAR ABSTRACT

Cloud Computing for IT Disaster Management

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Seminar Abstract

CLOUDENDURE DISASTER RECOVERY COST WITH AWS

Abstract:

Cloud infrastructure is gaining in popularity for organizations that have very real business needs that rely on information technology (IT) infrastructure but struggle with the costs—both capital and operational. Based on modular cloud service components, AWS provides a global, elastic IT infrastructure that is well known for scalability, reliability, and security. These modular services can be used independently or combined to meet specific computing and storage requirements. IT disasters such as data centre failures, server corruptions, or cyberattacks can not only disrupt your business, but also cause data loss, impact your revenue, and damage your reputation. Cloud Endure Disaster Recovery minimizes downtime and data loss by providing fast, reliable recovery of physical, virtual, and cloud-based servers into AWS Cloud, including public regions, AWS GovCloud (US), and AWS Outposts. AWS offers highly scalable, reliable, secure, high-performance infrastructure resources for DR, and ESG expects that many organizations, once they have experienced these services, will begin to trust the cloud enough to expand their use even beyond DR. This utility-type design can eliminate underutilization and over provisioning, while leading organizations to become more flexible in response to business challenges. This paper outlines the problems organizations face when implementing DR, describes how the cloud changes the game, and provides some insight into a suite of components from Amazon Web Services (AWS) that make "DR in the cloud" simple and cost-efficient.

Topic outline:

- The Cloud is Ideal for Disaster Recovery
- Risks are Abundant
- Challenges to Implementing DR
- Hot, Warm, or Cold Standby - Which to Choose?
- DR Testing Can Be Problematic
- Virtualization and Cloud Infrastructure Services Enable DR
- Amazon Web Services
- Leveraging AWS Components for DR
- The Bigger Truth

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