

Data Protection through Resiliency

Use Case

Zones Innovation Center is a multidisciplinary and collaborative technology environment that helps transform business use cases into working prototypes. Leveraging technology expertise, OEM alliances, and scalable technology platforms, Zones assists businesses in simplifying and accelerating their digital journeys. This use case showcases 'Data Protection through Resiliency' capabilities.

Business challenges:

Businesses grapple with challenges in backup and disaster recovery, including downtime, cost escalation, compliance, complexity, scalability constraints, data loss, and the need for automation. To address these issues, organizations should adopt a strategic approach towards backup solution selection, frequency, retention policies, optimal locations, and efficient data compression. This comprehensive strategy enhances resilience against disruptions and hence strengthens the overall data management capabilities.

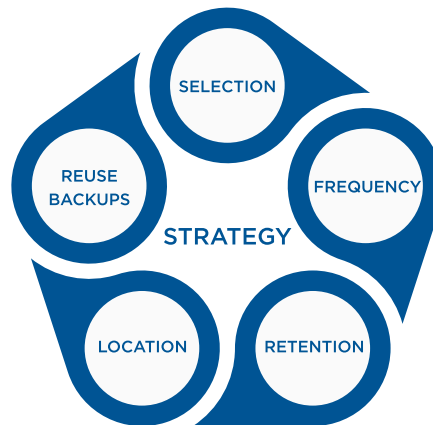
Solution Overview:

Businesses need to differentiate critical and non-critical workloads, assessing the necessity of backup and optimizing accordingly. Backup frequency aligns with Recovery Time Objectives (RTOs) and Recovery Point Objectives (RPOs) for each workload, utilizing a combination of incremental and full backups as needed. The complexity of retention periods and backup locations (on-prem or cloud) increases with the prevalence of cloud solutions. By adopting strategic approach covering selection, frequency, retention, location, and compression backup jobs could be optimized to meet business needs.

Veeam and similar solutions with advanced features assist in optimizing backup jobs and adhering to the three-two-one rule: three copies of data, two on different media types, and one offsite to mitigate risks of natural calamities or site failures.

Demo Overview:

This demonstration focuses on optimizing backup jobs in Veeam with respect to the previously mentioned parameters. The demo explores the application of the three-two-one rule and outlines the features involved in defining robust data protection strategies. Whether utilizing Veeam or other backup solutions, businesses can leverage these tools to refine their backup and disaster recovery (DR) strategies, ensuring alignment with the three-two-one rule for enhanced data resilience.



Consider **IT done.**

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