Veeam Backup for AWS

AWS-native backup and recovery

Challenge

AWS provides an industry-leading cloud platform for you to create and deploy applications and services. However, as referenced in the AWS Shared Responsibility Model, you still retain complete responsibility for your data, including its security and protection.

Veeam delivers AWS-native backup, recovery and disaster recovery (DR), fully automated to effortlessly protect, secure and manage your AWS data. Built with cost-effectiveness, security and scalability in mind, Veeam provides worry-free protection against data loss, ransomware and more, while saving up to 50X on your backup bill.

Key capabilities

Backup and recovery

- **Policy-based automation** delivers customizable snapshot automation and backups from creation to deletion.
- **Amazon VPC backup** protects and recovers VPC configuration and settings, ideal for troubleshooting, DR, dev/test, etc.
- **Application consistency** captures all running application data for zero-data-loss backup and recovery without stopping applications.
- **Lightning-fast recovery** overcomes outage and loss, ranging from entire instances, volumes, databases and file shares to individual files.

Cost optimization

- **Backup cost calculations** proactively forecast data protection expenses to avoid unexpected expenses and bill shock.
- **Back up to Amazon S3** automatically tiers snapshots as image-based backups to avoid costly snapshot retention.
- **Automated archival** lifecycle backups to Amazon S3 Glacier and S3 Glacier Deep Archive for greater savings and compliance.
- **Dynamic workers** are automatically instantiated and terminated to perform backup and recovery tasks, reducing compute spending.

Security

- **Cross-account and cross-region** backup and recovery isolates data protection from production to secure against cyberthreats.
- **AWS KMS integration** encrypts backup data while simplifying creation and management of cryptographic keys.
- **Role-based access control (RBAC)** delegates secure access and permissions for administrative, backup and recovery operations.
- **Multifactor authentication (MFA)** prevents against brute force and man-in-the-middle attacks.

Hybrid cloud

- **A single console** for cloud, virtual and physical workload protection delivers operational consistency while streamlining management.
- **Cloud Mobility** accelerates innovation and eliminates platform lock-in with backup, recovery and migration to, from and across the cloud.
“Veeam Backup for AWS is a natural evolution from Veeam's great on-premises backup solutions which have all the best in breed features, the evolution to AWS did not compromise the features and in fact made things so much easier to deploy and get started immediately. It has a more mature feature set than the regular AWS Backup.”

— Sawan Joshi, Director of Information Security, Firstport LTD