Druva for Microsoft SQL Server

Cloud data protection that empowers database, backup, and cloud teams

The challenge

Organizations moving applications and databases to the cloud face the challenge of how to efficiently protect those workloads in multiple locations, while also meeting recovery-point and recovery-time objectives (RPO/RTO). Simply shifting an on-premises data protection solution to the cloud creates another layer of infrastructure management as well as a stream of unpredictable costs. Or worse, a new SQL Server instance in the cloud is protected using a combination of scripts, tools, and file dumps, making service level agreements (SLAs), security monitoring, and long-term retention more difficult.

The solution

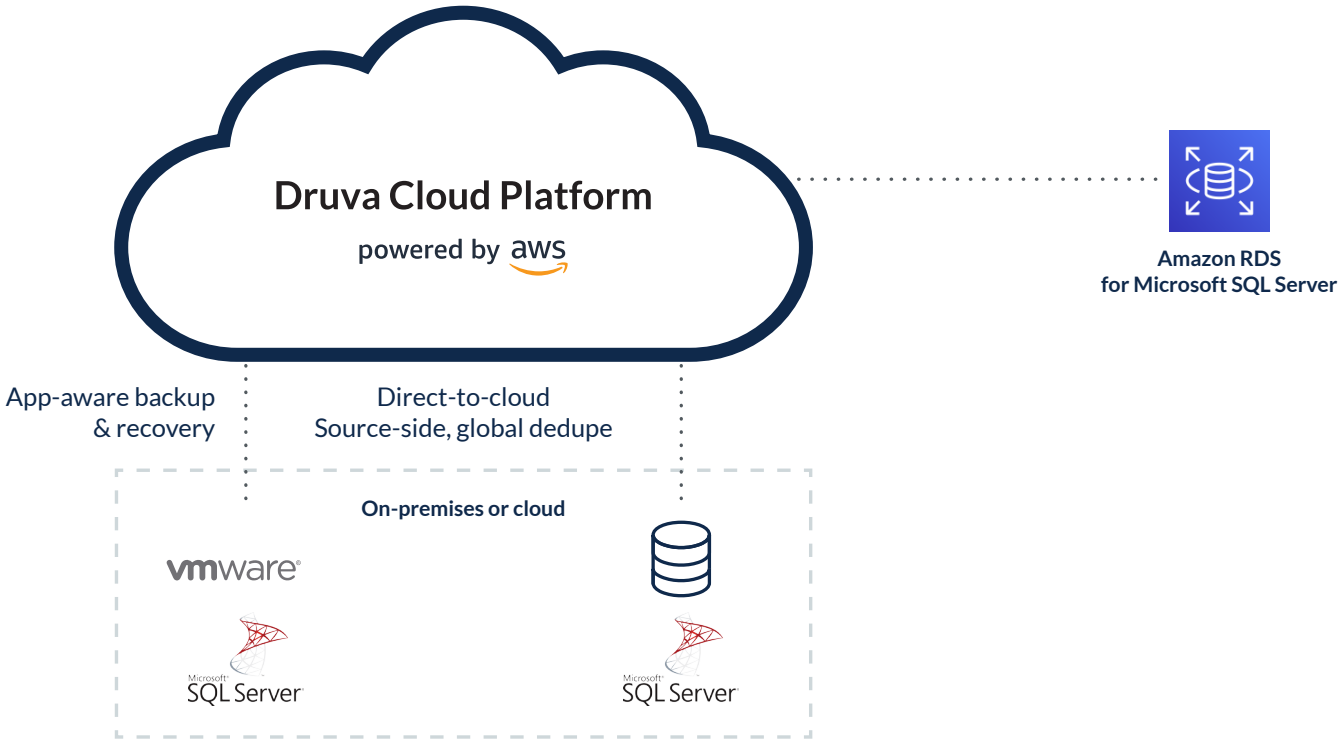
Druva simplifies the management of Microsoft SQL Server with a single platform for protecting SQL on-premises and on AWS, as well as Amazon RDS for SQL. Organizations achieve their data protection SLAs while leveraging the cloud for greater resiliency, security, and long-term retention (LTR).

Business challenges

- Data protection solution not ready for new cloud applications
- Poor performance and missing backup SLAs (RPOs and RTOs)
- Complex administration for SQL instances on-premises and on AWS
- High costs with stranded storage capacity and multiple DB copies

Key benefits

- Simple, on-demand data protection for SQL on-premises and on AWS
- High-performance, low-impact backups
- Rapid, point-in-time recovery on-premises or in the cloud
- Lower TCO of data protection up to 50%



How it works

IT teams and database administrators (DBAs) can deploy and manage scalable SQL data protection on-premises and on AWS in minutes with no hardware or software. To enable auto-discovery and other features, Druva installs a lightweight agent on SQL Server and can protect standalone instances, failover cluster instances (FCI), and SQL Always On Availability Groups (AG). For SQL instances running on VMware, Druva further simplifies data protection with agentless, application-aware backup.

- **Direct-to-cloud backup –** Simplify SQL backup with efficient, deduplicated backup to the cloud, requiring no hardware or software.
- **Fast, ever-incremental full backups –** Eliminate excessive network and storage utilization with source-side deduplication and change block tracking (CBT). All backups (after the first full) are only unique blocks.
- **Fast and granular recovery –** Recover from local targets or secure snapshots in the cloud. With point-in-time synthetic fulls and log backups, users recover to any point in time.
- **Meet demanding RPOs and RTOs –** Druva CloudCache is a software appliance offering customers local backup and restore points to resolve bandwidth constraints and help meet SLAs. A gold backup copy lives in the cloud.
- **DBA control with IT visibility –** DBAs can initiate self-service backup and restore as needed with full visibility to IT.

The benefits

- **Single data management system for Microsoft SQL Server backups –** SaaS data protection solution for SQL and Amazon RDS workloads, designed for infinite scale, security, and flexibility. No software or hardware to install or maintain.
- **Globally accessible backup and disaster recovery –** Enterprise-level backup and disaster recovery, with data flexibility across AWS regions and accounts for simplified workload mobility.
- **Fast, point-in-time recovery –** Simple point-in-time recovery using snapshots or transaction marks from the cloud or local storage to meet stringent SLAs. Or use roll-forward recovery to restore a damaged database to a more recent state.
- **Auto-discovery of SQL Server resources –** Simplify administration and ensure all data is protected with auto-discovery of instances, availability groups (AGs), and associated databases.
- **Application consistent backup and recovery –** Simplify reliable backup and recovery of VMware-based applications using SQL Server.
- **Lower the TCO of Microsoft SQL Server backup and recovery –** Reduce infrastructure and duplicate data copies with cloud backup and disaster recovery. Reduce storage costs and bandwidth requirements with source-side, global deduplication.
- **Simple, cost-effective long-term retention –** Store unlimited copies of SQL backups offsite in cold storage and further reduce costs.
- **Protect SQL backups from ransomware and other threats –** Druva encrypts backups and provides data isolation in AWS which ensures that ransomware cannot reach backups.
- **Accelerate SQL migrations to the cloud –** Leverage cloud backup to move SQL Server databases from on-premises to the cloud, or switch from one cloud region/account to another.

For more information

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Druva is the industry's leading SaaS platform for data resiliency, and the only vendor to ensure data protection across the most common data risks backed by a $10 million guarantee. Druva's innovative approach to backup and recovery has transformed how data is secured, protected and utilized by thousands of enterprises. The Druva Data Resiliency Cloud eliminates the need for costly hardware, software, and services through a simple, and agile cloud-native architecture that delivers unmatched security, availability and scale. Visit druva.com and follow us on LinkedIn, Twitter and Facebook.