druva

Scalable storage and enhanced data protection from Druva, powered by Amazon Web Services

Overview

The data center is no longer the sole residence for data. It has sprawled across regional offices, remote employees, SaaS applications and IoT devices, and shows no signs of slowing down. Organizations continue to embrace the cloud for new and existing workloads but they are finding that current on-premises data protection solutions are unable to cost-effectively scale to protect all their data, leaving it exposed to both internal and external threats.

Companies are installing multiple data protection solutions to protect against these threats as well as be in compliance with growing government and privacy regulations. These solutions increase backup and recovery complexity and require IT to dedicate individuals to the installation, maintenance and daily monitoring of each solution. At a time when organizations are looking to reduce costs, maintaining this complexity on aging on-premises infrastructure has become an increasing tax.

Your organization requires a data protection solution that lets you cost-effectively embrace cloud with an affordable business model that ensures your data is always on and always safe.

Druva and AWS protect critical data in the cloud

Druva offers a SaaS platform for data protection and governance of data centers, SaaS applications, endpoints and AWS databases. Built on Amazon Web Services (AWS) native technologies, Druva strengthens business resilience by centralizing global data into a single data lake, erasing the need for hardware and software for data protection. Druva reduces costs by:

- Storing all data on durable Amazon Simple Storage System (Amazon S3)
- Tying a consumption based license model to the amount of Amazon S3 storage consumed
- Automatically moving data onto Amazon S3 Glacier Deep Archive for cost-effective long-term retention of data

Druva installs within 15 minutes (or if you prefer we can remotely deploy on your behalf). Designed for radical simplicity, all it takes to get started is a web browser, and 5 minutes of training to be up and productive.[1]

Unique storage capabilities

Patented source-side deduplication

Druva is unique in the industry with source deduplication that identifies new and changed data, then deduplicates and encrypts before transmitting data onto Amazon S3 storage. On average, customers are experiencing 2X faster backups and restores and 22X deduplication ratios over appliance-based solutions.[2]

Cloud security

A key attribute of any cloud service is the ability to secure data both "in flight" and "at rest." Data in-flight is encrypted with Transport Layer Security (TLS). At arrival to the cloud, data is encrypted using an AES-256-bit encryption key that is unique to and completely controlled by the customer to prevent data leakage in the cloud. Unique data blocks are sharded, scrambled and stored; reassembly and decryption requires authenticated customer credentials.

Automated long term retention

Data that needs to be retained over one year can benefit from additional cost savings with intelligent long-term

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[1] Port of New Orleans customer case study

[2] AWS & Druva Performance Testing 2020

data retention, providing customers with faster cold storage restores compared to tape systems. After 15 days, data identified for long-term retention is automatically moved from Amazon S3 to Amazon S3 Glacier Deep Archive, providing a cost-efficient alternative to complying with privacy and compliance requirements.

Key features

Protects data center and cloud workloads

- Windows/Linux servers; Microsoft SQL servers
- VMware and Hyper-V virtual machines
- NAS file shares, Oracle databases
- SaaS apps: Microsoft 365, Salesforce, Google Workspace
- AWS infrastructure and databases

Disaster Recovery as-a-service (DRaaS)

- Automate failover of VMware virtual machines into an Amazon Virtual Private Cloud (Amazon VPC)
- Built-in templates simplify mapping your primary network to the Amazon VPC, subnets, accounts, replication frequency and production and test infrastructure
- Latest virtual machine snapshots restored into the Amazon VPC and are converted into Amazon EBS snapshots
- When a disaster is declared, Amazon EBS snapshots are used to create Amazon EC2 instances to restore virtual machines in 15-30 minutes
- Data is accessible as soon as virtual machines are up

Benefits

- Access enhanced levels of data availability, resiliency and scalability
- Reduce TCO by up to 50% by eliminating hardware and appliance infrastructure
- Single trusted data source simplifies governance, security and storage analytics
- Long-term data retention further reduces storage costs by 30%

Learn more about Druva and AWS storage for cloud data protection.

Druva Cloud Platform
powered by aws
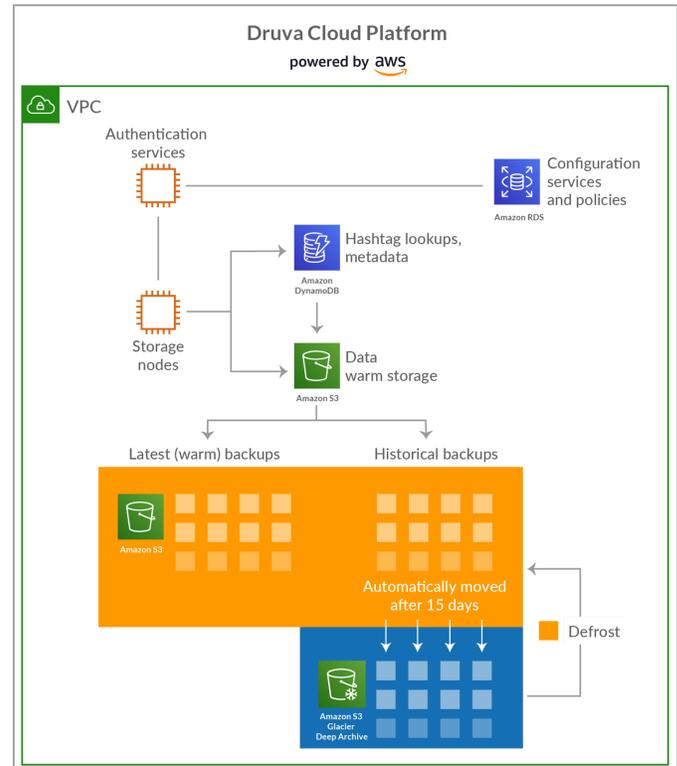
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Druva® delivers Data Protection and Management for the cloud era. Druva Cloud Platform is built on AWS and offered as-a-Service; customers drive down costs by up to 50 percent by freeing themselves from the burden of unnecessary hardware, capacity planning, and software management. Druva is trusted by thousands of companies worldwide, including over 50 of the Fortune 500. Druva is a privately held company headquartered in Sunnyvale, California, and is funded by Sequoia Capital, Viking Global Investors, CDPQ, Neuberger Berman, Tenaya Capital, Riverwood Capital, and Nexus Partners. Visit druva.com and follow us on LinkedIn, Twitter, and Facebook.