



partner  
network



**EBOOK:**

# Backup & Recovery on AWS





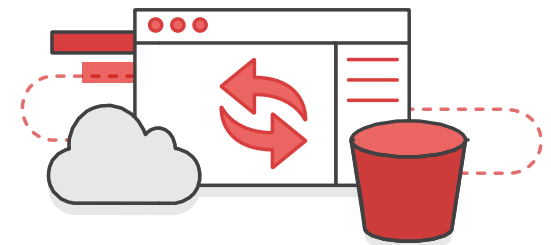
# Contents

Backup and Recovery on AWS	2
AWS Object Storage Services	3
Druva	4
APN Storage Partner Benefits on AWS	5
Case Study	6
Getting Started	7

# Backup and Recovery on AWS

Amazon Web Services (AWS) backup and recovery services allow customers to leverage Amazon object storage services like Amazon Simple Storage Service (Amazon S3) and Amazon Glacier for cost-effective online storage of their backup data. Storing data in Amazon object storage eliminates the cost and maintenance needed to manage an on-premises storage solution. Amazon object storage is scalable, allowing organizations to use and pay only for what they need. Implementing a secure and durable backup and recovery solution is useful for organizations in cases of data loss, logical errors, or recovery of data for audit purposes. In addition to Amazon S3, services like Amazon Glacier offer customers storage services for data archiving and long-term backup for small to large amounts of data for significantly less than the cost of on-premises storage solutions. On-premises storage solutions for backup and recovery often require a large upfront investment and ongoing specialized maintenance, but Amazon Glacier and Amazon S3 allow organizations to pay for storage per gigabyte and eliminates the need for ongoing maintenance. AWS Partner Network (APN) Partners offer solutions that, when combined with AWS, deliver secure, efficient and durable backup and recovery solutions for organizations of any size.

Secure, efficient and durable backup and recovery solutions for organizations of any size.



# AWS Object Storage Services



## **Amazon Simple Storage Service (Amazon S3)**

Objects storage designed to store and access any type of data from anywhere on the web. It is designed to deliver 99.999999999% durability and scale past trillions of objects worldwide.

## **Amazon S3 Transfer Acceleration**

Fast, easy, and secure file transfers over long distances between clients and S3 buckets. Transfer Acceleration leverages Amazon CloudFront's globally distributed edge locations, by routing data as it arrives at an edge location to Amazon S3 over an optimized network path.



## **AWS Storage Gateway**

Seamlessly enables hybrid cloud storage with local integration. It combines multi-protocol storage appliance with highly efficient network connectivity to deliver virtually unlimited scalability.

# AWS Object Storage Services Cont.



## **Amazon Glacier**

Secure, highly durable, and low-cost storage service designed for data archiving and long-term backup.



## **AWS Snowball**

Secure petabyte-scale data transport solution reducing network costs and transfer times for transferring large amounts of data to the cloud.

## **AWS Snowball Edge**

Secure 100TB data transfer device with on-board storage and compute capabilities.

## **AWS Snowmobile**

Exabyte-scale data transfer service to move extremely large amounts of data to the cloud (up to 100PB per Snowmobile) via a secure 45-foot long ruggedized shipping container.



Druva



Druva delivers data protection and management for the cloud era. Built on AWS and offered as-a-service, customers drive down costs by up to 50 percent and freeing themselves from the burden of hardware and software management as well as capacity planning tasks.

Druva's patented cloud architecture transforms backup data into an asset, making it more open and accessible allowing customers to streamline governance, improve cyber resiliency, and gain critical insights that expedite decision making.



## Case Study: Egan Company

Commercial construction firms manage huge amount of data as operations depend on terabytes of CAD-based files as well as other data. Modern construction approaches depend on extremely precise plans and scheduling, which requires data sets to be protected, backed up and immediately restorable. Egan gets data protection and management for its enterprise workloads with a unique cloud-first approach, saving 30 hours a month for maintenance and storage management. Egan has been able to simplify data protection, improve visibility and dramatically reduce risk, cost and effort to maintain their complex information environment. All delivered as-a-service.

“

“If 100 companies did a Druva trial, 99 would buy it.”

”

**Jim Noon**  
Chief Information Officer  
Egan Company

# AWS Storage Partner Benefits

AWS APN Storage partners enhance the backup and recovery experience by leveraging AWS for durable and secure data backup.



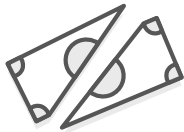
### Reduced Hardware Investment

The online, distributed data storage design of the AWS Cloud eliminates the bottlenecks and constraints of on-premises disk and tape solutions. Instant replication ensures your data is safe by automatically generating three copies of your data to different AWS Regions.



### Faster Data Recovery

Amazon S3 gives you control over the region in which your data resides, to minimize network latency for easier and faster data recovery. Online storage provides faster recovery than that of tape, with millisecond latency.



### Lower Operational Costs

Use a solution you know and trust, now with AWS as the storage target. Pay-as-you-go pricing ensures you only pay for the resources you consume, eliminating the need to over-provision for peak demand. Lifecycle policies automate the migration of data between storage tiers to remove manual overhead, minimize management complexity, and further reduce costs.



### Data Protection for the Cloud Era

Druva Cloud Platform delivers data protection and management across endpoints, data centers and cloud workloads. The all-in-one solution delivers infinitely scalable and completely autonomous data resiliency built on AWS. Druva's architecture ensure data is easily searchable and always accessible so modern businesses compliance with governance and regulatory guidelines. The single unified copy of data allows customers to gain insights faster and expedite decision making.



# Getting Started

For more information about Backup & Recovery on AWS, visit:

- > Cloud Storage with AWS: <https://aws.amazon.com/products/storage/>
- > Cloud Data Protection with Druva: <https://www.druva.com>
- > Customer Case Study: <https://resources.druva.com/case-studies/egan>

## About AWS

For 10 years, Amazon Web Services has been the world's most comprehensive and broadly adopted Cloud platform. AWS offers over 70 fully featured services for compute, storage, databases, analytics, mobile, Internet of Things (IoT) and enterprise applications from 33 Availability Zones (AZs) across 13 geographic regions in the U.S., Australia, Brazil, China, Germany, Ireland, Japan, Korea, and Singapore. AWS services are trusted by more than a million active customers around the world – including the fastest growing startups, largest enterprises, and leading government agencies – to power their infrastructure, make them more agile, and lower costs.

To learn more about AWS, visit [aws.amazon.com](https://aws.amazon.com).



© 2017, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Druva ©2019. All rights reserved