

Druva Phoenix

As businesses are adopting a “cloud-first” strategy, data protection is one of the first IT functions to migrate to the cloud. However, it can lead to a number of challenges. With a thoughtful cloud strategy, business can achieve the best results. With Druva Phoenix™, businesses can achieve data protection and management for their data center workloads with a unique cloud-native approach. Delivered as-a-service, Druva Phoenix combines high-performance, scalable all-in-one backup, disaster recovery (DR), archival and analytics to simplify data protection, dramatically reduce costs, and improve data visibility for today’s complex information environments. All while enabling organizations to achieve their most aggressive business continuity SLAs (RTO and RPO) and reducing TCO by up to 50%. With no hardware, no software, no complexity, businesses can get started within minutes.



Unlimited Backup and
Restore Scalability

50%

Lower TCO

0%

Infrastructure



Why Druva Phoenix?

Unified backup, archival, and DR in the cloud

By leveraging the elasticity and scale-out capabilities provided by the cloud, Phoenix enables organizations to centralize the data protection and management for enterprise workloads including physical file servers and/or NAS and databases, virtual (Microsoft Hyper-V, VMware vSphere, and Nutanix AHV) and hybrid (VMware Cloud on AWS—VMC) environments. From a single control plane, IT can easily recover server data down to the file level, failover virtual machines (VMs) for DR with an RPO of one hour and RTO of minutes, easily archive and manage data in the cloud for compliance, and replicate, and spin up instances cross-region and account for test and dev (workload mobility) purposes.

Up to 50% lower Total Cost of Ownership (TCO)

With Druva Phoenix, organizations significantly lower their TCO over traditional or competitive solutions.

Being 100% cloud-native, Phoenix requires no additional hardware or software for data protection, employs an auto-tiering model for cost efficient storage, provides global scale-out deduplication—reducing bandwidth usage by up to 80% with the smallest storage footprint, and offers customers a true consumption based model that eliminates wasted resources. Furthermore, there are no restore (egress) charges and customers only pay for data stored, post global deduplication, in the cloud.

100% Software-as-a-Service, built on AWS

Built from advanced cloud technologies and microservices in Amazon Web Services (AWS), Phoenix harnesses the native efficiencies and global reach of the public cloud while delivering unmatched storage flexibility, scalability, data durability, and security. Phoenix has the ability to deploy features every 2-3 weeks, with automated deployment for all customers at the same time.

Meeting application data recovery speeds

Druva Phoenix delivers against stringent RTO and RPO requirements of critical applications while eliminating lock-in, complexity and cost of legacy on-premises hardware infrastructure. With one-click disaster recovery and automated runbook execution eliminates recovery complexities, Druva Phoenix enables failover within minutes, moves workloads between regions, or on-premises to cloud and back. Customers can easily order, on-demand, an AWS Snowball Edge appliance preconfigured with Druva software that is offered “as-a-Service” to easily meet business continuity SLAs while still taking advantage of cloud scale, resiliency and simplicity. Alternatively, IT can also install Druva CloudCache on any commodity hardware of their choice and achieve VM restore speeds up to 820 GB/hr per thread (unlimited threads).

Industry-leading data security and privacy

Druva’s approach to storing enterprise data utilizes both an advanced data-scrambling algorithm and a unique envelope-based encryption model where the data and metadata are decoupled and encrypted. This guarantees that your data is only accessible by you—a critical component to meeting today’s stringent global data privacy regulations. Under no circumstances can Druva access your data. Furthermore, to ensure complete protection against ransomware, Phoenix provides data isolation from infrastructure attacks, and high performance restores to minimize downtime of compromised systems.

Key Features

Data backup and recovery

- Incremental-forever backup model
- Unlimited full restore points for quick recovery (no restore egress charges)
- Global, source-side, inline deduplication (Petabyte scale)
- High speed LAN backup and restore speeds (up to 820 GB/h per thread, unlimited threads) with CloudCache for tight RTO/RPO needs
- Search across snapshots for granular and high performance recovery

Administration

- Cloud-based centralized management
- Unified interface for hot, warm, and cold backups
- Role Based Access Control (RBAC)
- Actionable and predictive analytics for storage and backup optimization

Data security and privacy

- 256-bit AES encryption for data at rest
- TLS 1.2 for data in transit
- SOC-2 Type II, HIPAA, Privacy Shield certification
- No key management required

Disaster recovery

- RPO of one hour and RTO of minutes of failover—No AMI conversion
- One-click failover and fallback
- Automated recovery orchestration and runbook execution
- DR into customer VPC and clone VPC across region or accounts

Data archiving

- Auto-tiered storage from hot or warm to long-term cold storage
- No limitation to the number of aged snapshots
- Shared global dedupe index for lower cost long-term storage



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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 worldwide by over 4,000 companies at the forefront of embracing cloud. Druva is a privately held company headquartered in Sunnyvale, California and is funded by Sequoia Capital, Tenaya Capital, Riverwood Capital and Nexus Partners. Visit [Druva](#) and follow us [@druvainc](#).