

# Actifio Sky in Google Cloud Platform

## Enterprise Class Data Protection for the Cloud

Today's Enterprise IT organizations look to Google Cloud Platform to deliver massive scalability and to improve operational efficiency, reliability and economics. Data protection is a critical part of today's IT infrastructure and must be consistently incorporated in all cloud architectures.

**Actifio Sky for Google Cloud Platform** brings enterprise-class backup and scalable instant recovery to applications running in any Google region.



### ACTIFIO SKY

Actifio Sky is a virtual machine appliance built on Actifio's patented Virtual Data Pipeline™ (VDP) software that delivers instant backup and recovery for cloud resident and on-premises workloads. The technology delivers a comprehensive set of integrated application consistent snapshot, backup, deduplication, compression, replication, vaulting and scalable instant recovery features.

FEATURES	BENEFITS
<b>Incremental forever backup</b> for all data including databases and file systems	Low RPO reduces data loss window. 20x reduction in backup window, storage IO and network IO
<b>Instant access and recovery</b> of databases and file systems even from Nearline/Coldline storage	Satisfies compliance needs and delivers peace of mind that even even 5+ year old databases, file systems or VMs can be accessed instantly from cold storage
<b>Retain backups from days to decades</b> using tiering to Persistent Disks or Nearline/Coldline storage	Up to 70% reduction in cloud infrastructure costs as compared to a snapshot based approach
<b>Rewind and recover</b> multi TB databases and filesystems from any point in time with instantly mount capability	Low RTO reduces application downtime risk
<b>Recover a database or file system</b> from multiple points in time "simultaneously" to different Google Compute Engine (GCE) VMs	10x reduction in time to recover from ransomware / malware attack
<b>Application consistency</b> with deep integration into leading databases including MS SQL, SAP HANA, Oracle, MySQL, PostgreSQL and MongoDB	Ensure instant database recoveries relying on APIs trusted by DBAs

## ACTIFIO SKY (CONTINUED)

<p><b>SLA driven policy based backup</b> and replication SLAs using a single pane of glass that can manage 100s of Actifio Sky instances in multiple regions</p>	<p>Simple and easy to manage backups, retentions and recoveries across all regions globally</p>
<p><b>Secure your backups with data encryption</b> in flight and at rest, role based access control and audit trail</p>	<p>Satisfy compliance and security needs</p>
<p><b>Enables backup and replication between different GCP accounts</b> in different regions</p>	<p>Ensure that backups are safely stored in different GCP accounts to protect against the situation where the primary account has been compromised</p>
<p><b>Immutability feature</b> ensures protected images cannot be expired or deleted by any Actifio user</p>	<p>Protects organizations against disgruntled employees who might want to expire or purge backups</p>
<p><b>Global search and restore files and folders</b> from any region irrespective of whether the backups are in Persistent Disk or Nearline/Coldline storage</p>	<p>Delivers operational simplicity with global search across regions, storage and time</p>
<p><b>Provision dozens of virtual database thin clones instantly</b> from existing backup images without consuming any extra storage</p>	<p>Bring applications to market faster by accelerating application test cycles Reduce DevOps cloud storage consumption by up to 20x</p>

Learn more about Actifio's enterprise backup and recovery offering in this [whitepaper](#)

## About Actifio

Actifio is the world's leading Enterprise Data-as-a-Service (EDaaS) platform. It enables thousands of users around the world to deliver their data just as they deliver their applications and infrastructure... as a service available instantly, anywhere. An enterprise-class software platform powered by patented Virtual Data Pipeline™ technology, Actifio frees data from traditional infrastructure to accelerate adoption of hybrid cloud, build higher quality applications faster, and improve business resiliency and availability. For more, visit [actifio.com](http://actifio.com) or follow us on Twitter @Actifio.

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