

Actifio Sky Standard & Advanced Backup

Rapid incremental forever backup & scalable instant recovery in the data center or in public clouds

Data has emerged as the lifeblood of the Digital economy and as a result data growth has accelerated.

Yet backup administrators continue to struggle with traditional protection methodologies that force a trade-off between backup windows and recovery times. The velocity of business mandates instant backups and recoveries to minimize the impact of unplanned downtime.

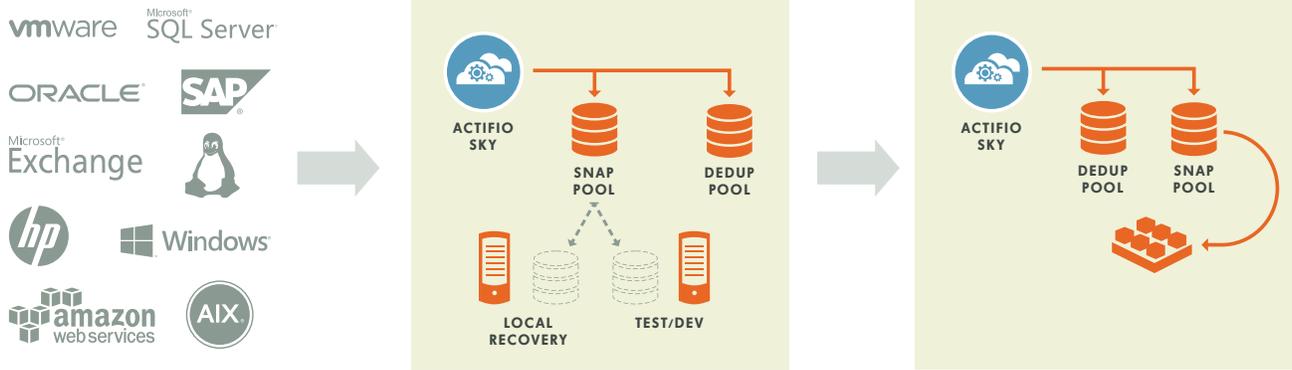
Actifio Sky Standard and Advanced address these data protection challenges by delivering rapid incremental forever backups and scalable instant recovery. Both include a comprehensive set of application consistent snapshot, backup, scalable instant recovery, deduplication, compression, replication, vaulting and orchestrated recovery features. Sky Standard provides a powerful and cost effective solution to protect virtualized environments. Sky Advanced adds support for physical servers and NAS devices. Both products are based on Actifio's unique Virtual Data Pipeline technology and so regardless of which solutions are implemented, they can be managed centrally and easily expanded as needed.



Key Features

- 1. 'Scalable' Instant Recovery for Databases:** Instant recovery of 100+ TB Oracle, MS SQL, DB2 and other enterprise databases in VMs, physical servers, or the cloud
- 2. 'Scalable' Instant Recovery for VMs:** Instantly mount and recover virtual machines from large VMware environments
- 3. DR Orchestration:** 1Click DR using Actifio Resiliency Director orchestrates automated DR of large VMware environments
- 4. Incremental Forever Backup:** Capture application consistent data with incremental forever backups for databases, NAS file systems and VM farms
- 5. Long Term Data Retention:** Store data in any storage using Actifio software deduplication. Also store data in object storage in native application format and get instant access from backup images that are days or decades old
- 6. Application Consistent:** Data is captured with application consistency using native APIs such as RMAN for Oracle, VSS APIs for Microsoft SQL, or VADP for VMware
- 7. Cloud & Storage Independent:** Replicate to, and recover in any cloud such as AWS, Azure, Oracle cloud. Store backup images in any traditional block or file storage or S3 compatible Object storage
- 8. Enterprise Application and Environment Support:** Sky Advanced supports very large databases, large file systems on physical servers and file data stored on NAS devices
- 9. Web Scale Management:** Manage all local or cloud-based data protection copies across Sky Standard and Advanced instances from a single console: Actifio Global Manager, which also includes auto load distribution across multiple appliances

FIGURE 1



Comparison: Actifio Sky Standard vs. Actifio Sky Advanced

BACKUP & INSTANT RECOVERY FEATURES	SKY STANDARD	SKY ADVANCED
Scalable Instant Recovery	Yes	Yes
One Click Orchestrated Disaster Recovery ¹	Yes	Yes
Incremental forever backup	Yes	Yes
Data Deduplication	Yes	Yes
Low RPO Replication using Actifio StreamSnap	Yes	Yes
Replicate to S3 compatible object storage using Actifio OnVault	Yes	Yes
Instant data access from object storage	Yes	Yes
Use Sky VM & CDS physical appliance	Yes	Yes
On premise data protection and replicate to cloud like Amazon AWS, Microsoft Azure, Oracle, Google, IBM Bluemix	Yes	Yes
Data protection and replication within cloud regions and between clouds	Yes	Yes
VM backup using hypervisor based backup for VMware & Hyper-V ²	Yes	Yes
Windows VM backup in VMware, Hyper-V using Actifio connector ²	Yes	Yes
Windows VM backup in public cloud like Amazon AWS, Microsoft Azure, Oracle, Google, IBM Bluemix	Yes	Yes
Linux VM backup in VMware, Hyper-V using Actifio connector ³	No	Yes
Linux VM backup in cloud like Amazon AWS, Microsoft Azure, Oracle, Google, IBM Bluemix	No	Yes
Physical server & NAS backup with instant access	No	Yes
Virtual Clones of Databases, VMs, file system ⁴	Up to 3	Unlimited

1 Requires purchase of Actifio Resiliency Director.

2 VMware hypervisor based VM backups use VADP APIs to protect entire VM or VMDKs. Such backups can not provide granular protection and recovery of databases, log backup & replication. We recommend Actifio connector based backups for VMs with databases.

3 In VMs, Actifio connector is typically used for database backup and recovery, and database log management.

4 Provisioning virtual clones using Actifio app aware mounts, workflows for Test / Dev is restricted for Sky Standard to have fewer clones. Sky Standard allows 3 virtual clones per application.

About Actifio

Actifio virtualizes the data that's the lifeblood of businesses in more than 35 countries around the world. Its Virtual Data Pipeline™ technology enables businesses to manage, access, and protect their data faster, more efficiently, and more simply by decoupling data from physical storage, much the same way a hypervisor decouples compute from physical servers. For enterprise-class backup modernization, self-serve instant data access, or service provider business transformation, Actifio is the first and only enterprise class copy data virtualization platform.

For additional information, visit Actifio at www.actifio.com or contact Actifio at info@actifio.com or **855.886.8997**.

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