

# Actifio Sky DB

Instant Database Cloning and Instant Recovery for DBAs in the Data Center and Public Cloud

## The Digital economy is driving massive volumes of information into databases.

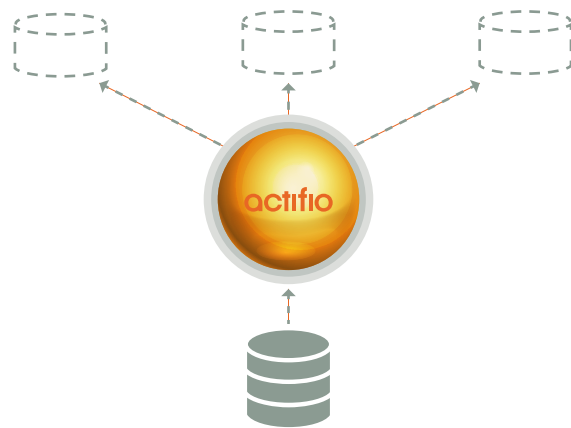
Database Administrators (DBAs) are struggling to balance operational needs such as performance and availability with the needs of their development teams who want more database copies and the current copies to be refreshed faster. These challenges also inhibit innovation and make it difficult for the DBA to consider new offerings such as self-service database provisioning, cloud integration and instant database recovery solutions.

Actifio Sky DB meets the needs of today's DBAs. This software-only appliance is delivered as a virtual machine and enables the instant creation of database copies while using virtually no additional storage capacity. These copies can be used by DevOps teams to accelerate application development or for instant recovery from an unexpected outage. The copies can be presented either locally, in a remote datacenter or in the cloud for ultimate flexibility.

*"Actifio allows us to create self-service copies of VLDB's on demand. It drastically reduces time to provision copies from 18 hours to 15 minutes. We have also reduced our storage footprint by over 50%"*

SOURCE: GARTNER PEER INSIGHT

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PROVISION VIRTUAL COPIES

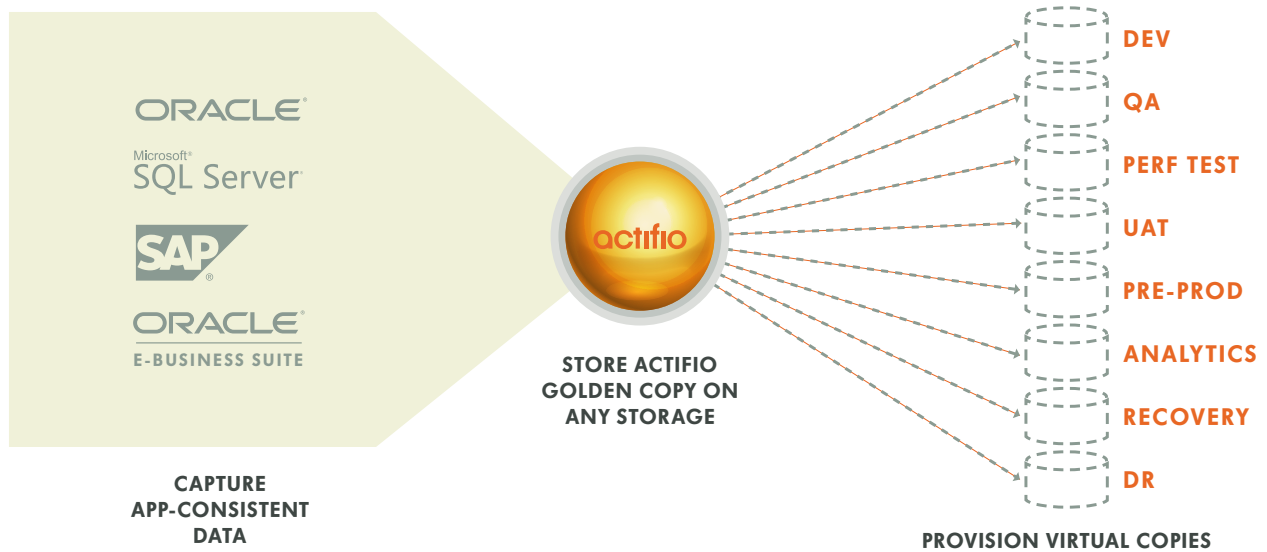
## Key Features

- **Instant Virtual Copies:** Instantly provision dozens of copies of production data for test/dev environments while consuming virtually no additional storage.
- **Instant Recoveries:** Recover from previous points in time near-instantly even for a 100+ TB sized database.
- **Self Service:** Automated virtual database provisioning using integrated Actifio workflows or via RESTful API integration with tools like Jenkins, GitHub, Ansible, Chef, Puppet, and Saltstack.
- **Database Consistency:** Integration with database APIs ensures database consistency. Ex: RMAN APIs for Oracle or VSS APIs for MS SQL.
- **Bookmarks:** Developers can create point in time bookmarks to easily rewind to a previous database state.
- **Cloud Ready:** Instantly provision virtual copies in Amazon, Microsoft Azure, VMware or Oracle Cloud.
- **Automated Data Masking:** Leverage best of breed data masking tools to ensure that masks are applied consistently and reliably as part of the standard workflow.



Watch this [video](#) to see how 10 virtual copies of a 1TB database can be provisioned in <5 minutes using Ansible via Actifio API integration.

FIGURE 1



## Oracle Database Specific Features

- **RMAN Change Block Tracking:** Capture and refresh data efficiently with incremental forever backup using RMAN APIs with change block tracking.
- **Log Capture:** Provision or recover to any point in time by using information stored in transaction logs.
- **Parallel Data Capture in RAC Environments:** Capture data simultaneously from multiple nodes in an Oracle RAC environment.
- **ASM Switch & Rebalance:** Deep ASM integration enables users to automatically rebalance or migrate recovered database copies.
- **Many to One Provisioning:** Provision multiple virtual databases into a single Oracle instance thus reducing infrastructure costs.

## Microsoft SQL Specific Features

- **Advanced Change Block Tracking:** Capture and refresh data efficiently with incremental forever backup using Actifio's change block tracking and VSS API integration.
- **Log Capture:** Provision or recover to any point in time by using information stored in transaction logs.
- **Many to One Provisioning:** Provision multiple virtual databases into a single SQL instance, thus reducing infrastructure costs.

## 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](http://www.actifio.com) or contact Actifio at [info@actifio.com](mailto:info@actifio.com) or **855.886.8997**.

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