

# Actifio Database Cloning Appliance Powered by Dell Technologies

HCI Database Cloning Appliance to Accelerate Application Test & Release Cycles

**The Actifio Database Cloning Appliance** Powered by Dell Technologies (DCA) is a highly scalable copy data management platform, running on hyper-converged Dell EMC VxFlex or VxRail nodes powered by Actifio Sky software.

DCA allows Dev, QA, UAT, DBAs, DevOps to provision rapid application-consistent, space-efficient database clones in minutes using a self-service model.

**BASE SYSTEM**

- 4 or 5 Dell EMC VxFlex or VxRail All-Flash nodes (2U)
- 24 x 1.92 TB SSDs per node
- ~70TB (4 node) or ~92TB (5 node) usable capacity

**EXPANSIONS**

- DCA can be expanded up to 290TB usable capacity using 14 VxFlex nodes or VxRail nodes (nodes must match teh base system)

**WIDE ENTERPRISE DATABASE SUPPORT**

DCA supports cloning of the following enterprise databases running on any storage on-premises and also replicates to any public cloud such as AWS, Azure, Google, IBM for on-demand cloning in the cloud.

**Enterprise Resource Planning (ERP)**

- Applications
- Oracle EBS
- SAP S4/HANA/Sybase/MaxDB
- Microsoft Dynamics

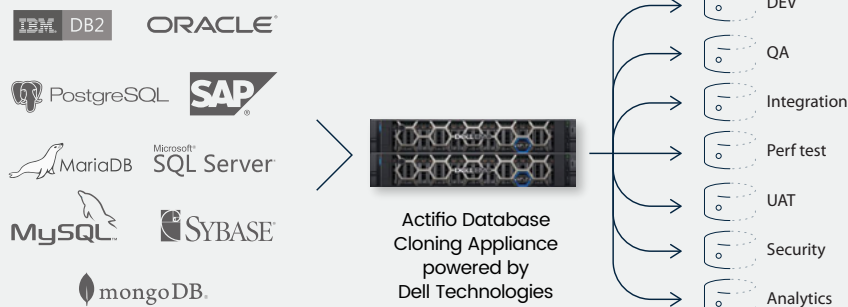
**Custom Enterprise Applications**

- Oracle
- Microsoft SQL Server
- IBM Db2
- MySQL
- MariaDB
- PostgreSQL
- MongoDB

## KEY CAPABILITIES



**WIDE PLATFORM SUPPORT:** Deliver simplicity with single pane of glass support for many enterprise databases (DBs), running on any VM or OS such as Windows, Linux, AIX, or Solaris on any storage platform.



**INSTANT CLONES IN MINUTES:** Accelerate application test and release cycles by creating application-consistent DB clones, in minutes, with no impact to production. For example, provision 10 copies of a 10 TB database in less than 15 minutes.



**SPACE EFFICIENT:** Reduce TCO by provisioning space-efficient DB clones (also known as virtual DB clones). For example, 10 clones of a 10 TB database consumes just 10 TB storage instead of 100 TB. Store changes and metadata across arrays instead of across copies only.



**SECURE & SELF-SERVICE:** Eliminate wait cycles with role-based access control (RBAC), and data masking, so authorized testers can provision virtual DB clones in a secure and self-service manner.



**RAPID DATABASE REFRESHES:** Accelerate application test cycles with rapid refreshes to test environments in just minutes in order to access changes to the production database.



**EASY TO USE & AUTOMATE:** Simplify DevOps & CI/CD experience with DCA's ability to integrate via APIs to DevOps tools such as Ansible, Chef, Puppet and ServiceNow.



**HIGH PERFORMANCE:** Improve application quality by catching defects early in test cycles with high-performance testing using DCA's capability to provision virtual DB clones over iSCSI or NFS.



**EXTENDED POINT-IN-TIME HISTORY:** Satisfy regulatory compliance requirements with DCA's integrated ability to store, rewind and provision point-in-time instant database clones from Dell EMC ECS and Data Domain (using retention lock).



**MULTI-CLOUD READY:** Enable DevOps to perform testing on-premises as well as in AWS, Azure, Google or IBM Cloud with DCA's ability to replicate, store and provision virtual database clones in public, private or hybrid cloud.

— POWERED BY —  
**DELL** Technologies