

SOLUTION BRIEF

Simplify DevOps for Databases

Enhance DevOps for relational database management systems and NoSQL databases with Pure Cloud Block Store™.

DevOps is not a tool, but rather a collection of people, processes, and culture. What makes DevOps work well is the people who define the processes, adopt the DevOps culture, and use its tools successfully. To simplify adoption, database DevOps must be intuitive and similar to what organizations already know how to do. Installation of a software-defined storage solution (SDS) enables faster development in the cloud while using a reliable and performant DevTest environment. Pure Cloud Block Store™ can improve your database DevOps practice through an easy deployment of a DevTest environment.

Shift Left without Consuming Additional Cloud Storage

The shift-left mindset that makes the database DevOps model successful can be challenging to grasp when getting started. The ability to use tools and interfaces you are already familiar with simplifies the transition to DevOps. Using familiar tools makes the process more intuitive and simplifies tasks. Pure Cloud Block Store has several features that make database DevOps tasks simpler to shift left. With Pure Cloud Block Store, you can:

- Quickly spin up cloud instances.
- Clone many batch data sets through asynchronous replication.
- Refresh clones and replicate changes back on-premises.
- Create snapshots and clones that consume no additional cloud storage.



Reliable and Performant

- Enable simple cloud mobility.
- Speed data replication through snapshots and clones.



Efficient and Agile

- Eliminate data silos with seamless data mobility.
- Clone workloads without using physical storage space.



Software-Defined

- Decouple applications and data from their hardware.
- Gain consistency across on-premises and cloud environments.

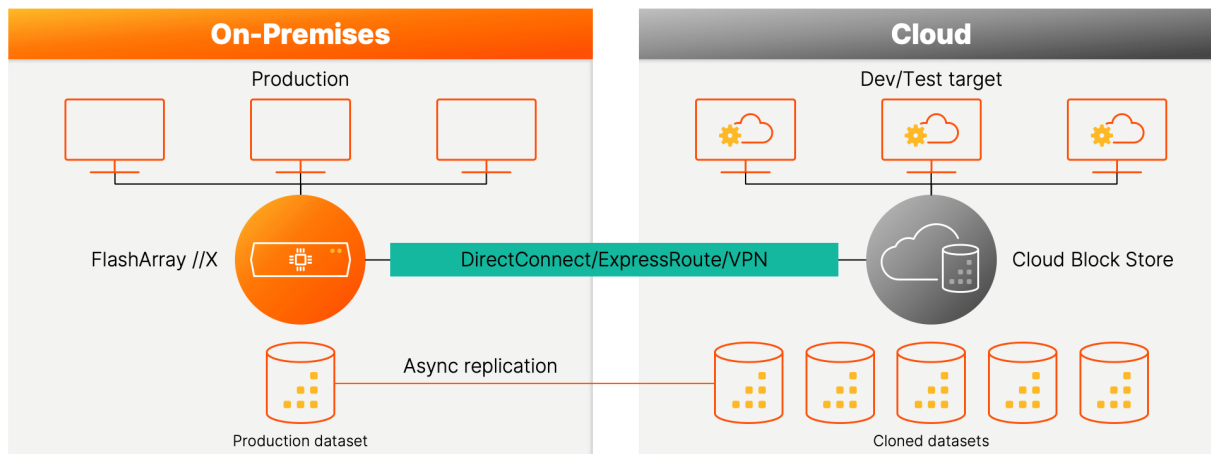


Figure 1. Dev/Test targets can be spun up quickly using Pure Cloud Block Store

Deploy Anywhere with Cloud DevOps

Infrastructure replication in the cloud should be fast and easy, allowing database developers and database administrators (DBA) to quickly and easily set up a development ecosystem that includes the processes that fit their DevOps culture along with the source code and tools. Database developers and DBAs also need to create an environment that's nearly identical to the production configuration and delivers the same user experience to accelerate schema development and metadata changes. Database developers and administrators must be able to seamlessly develop on-premises or in the cloud and deploy to either target. Pure Cloud Block Store's interface is as intuitive as all other Pure products, which makes it easy to get the changes into production on-premises or in the cloud.

Additional Resources

- Read more about [DevOps solutions from Pure](#).
- Learn more about [Pure Cloud Block Store](#).