

SOLUTION BRIEF

Pure Cloud Block Store for DevTest in the Cloud

Develop and deploy applications in the cloud faster using an agile and efficient DevTest environment.

One of the biggest challenges for DevOps teams is adopting a new approach to software development. In particular, many organizations are moving to methods that integrate testing earlier in the development lifecycle. Adopting a “shift-left” environment—in which testing runs parallel to development activities—can drive faster time to market. To do so successfully, you need the ability to spin up a DevTest environment quickly, easily, and economically. The right enterprise-grade DevTest storage solution is central to speeding the software development cycle. Pure Cloud Block Store™ can improve your DevOps practice in the cloud with on-prem to cloud data mobility, efficiency, and agility.

DevTest in the Cloud

As a developer, you run through many “what-if” scenarios when building software. Leveraging the cloud to create a DevTest environment can introduce powerful improvements. Infrastructure replication enables you to test new apps, patches, and updates instantly. You need an identical environment to the production configuration and delivers a consistent user experience to accelerate inner-loop development.

You need to develop software seamlessly, on-premises or in the cloud, and deploy to either target. The secret is using infrastructure snapshots and clones to quickly and efficiently spin up a DevTest sandbox without impacting the production environment. With the right software-defined storage (SDS) solution, you can instantly provision production workload clones in the cloud to accelerate development cycles and expand your testing capabilities.



Enterprise-Grade Block Storage

- Access on Amazon AWS and Microsoft Azure
- Experience consistency across on-premises and cloud environments.
- Eliminate data silos with seamless data mobility.



Reliability and Performance

- Enable multisite high availability for applications and data.
- Perform fast data replication through snapshots and clones.



Efficiency and Agility

- Enable data mobility for business continuity.
- Clone workloads without using cloud storage space.

DevTest Efficiency

Pure Cloud Block Store enables you to make snapshots and clones in the cloud, meaning you don't have to purchase and deploy new on-premises hardware. Furthermore, Pure Cloud Block Store snapshots and clones consume negligible cloud storage, benefiting the business through better software time to market and lower total cost of ownership (TCO).

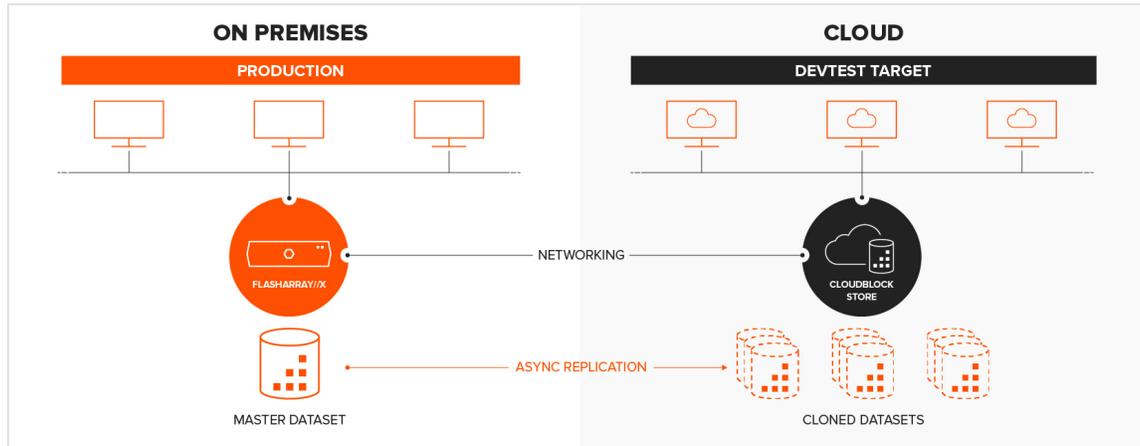


Figure 1. Quickly spin up cloud instances and clone many batch datasets to the cloud through asynchronous replication.

Customer Experience: Nu Skin®

Nu Skin is a global leader in premium-quality beauty and wellness products. By transitioning essential applications to the cloud using Pure Cloud Block Store, Nu Skin can access real-time data to run hypothetical if-then analyses to draw insights on distributor performance and internal processes. Teams use those insights to make critical data-driven business decisions. Using Pure Cloud Block Store to complete its migration to AWS, Nu Skin experienced 80:1 data reduction while improving its critical application performance and ultimately reducing costs.

“With the help of Pure Storage, we completed our cloud migration and kept the business running during our transition to AWS with no interruptions.”

— Joe Sueper, VP Global Infrastructure & Operations, Nu Skin

Pure Storage and Nu Skin are both rooted in innovation, so the partnership to enable Nu Skin’s journey to the cloud was a natural fit. As a critical element of Nu Skin’s hybrid cloud transition, Pure Cloud Block Store helps Nu Skin improve efficiencies and gain the flexibility it needs to remain competitive.

Additional Resources

- Learn more about [Pure Cloud Block Store](https://www.purestorage.com/legal/productenduserinfo.html).
- Find Pure Cloud Block Store on [Azure Marketplace](https://marketplace.azure.com/) and [AWS Marketplace](https://aws.amazon.com/marketplace/).

[purestorage.com](https://www.purestorage.com)

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