

SOLUTION BRIEF

Pure Cloud Block Store™ for DevTest in the Cloud

Develop and deploy applications faster in the cloud using a performant and efficient DevTest environment.

One of the biggest DevOps adoption challenges is changing your corporate culture by embracing a new frame of mind. The change requires a *shift-left* mindset in which testing runs parallel to your development activities. In a shift-left DevOps model, your ability to easily spin up a DevTest environment, quickly and economically, drives faster time to market. The right software-defined storage (SDS) solution is central to efficient DevTest, and Pure Storage® Cloud Block Store™ improves your DevOps practice through easy deployment of a DevTest environment.

DevTest in the Cloud

Developers need to try out many “what-if” scenarios when building software, and leveraging the cloud to build a DevTest environment can give you a powerful capability. Infrastructure replication enables you to instantly test new apps, patches and updates. You also need to create an environment that's identical 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 your production environment. With the right SDS solution, you can instantly provision clones of production workloads in the cloud to accelerate development cycles and expand your testing capabilities.



Pure Cloud Block Store: Software-Defined

- Decouples applications and data from their underlying hardware.
- Experience consistency across on-premises and cloud environments.
- Eliminate data silos with seamless data mobility.



Reliability and Performance

- Enable multi-site high availability for applications and data.
- Fast data replication through snapshots and clones.



Efficiency and Agility

- Enable data mobility for business continuity.
- Clone workloads without using physical 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 TCO.

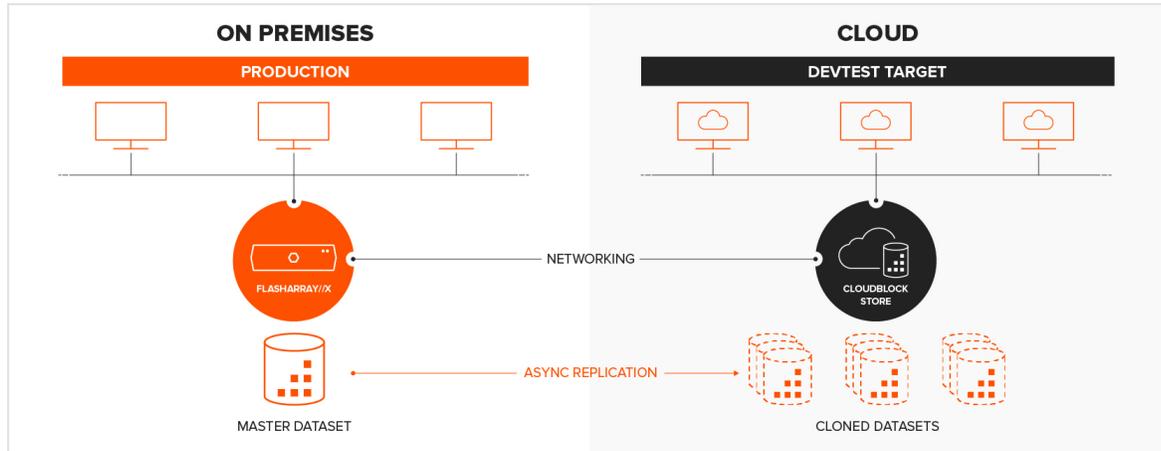


Figure 1. Quickly spin up cloud instances and clone many batch datasets to the cloud through asynchronous replication.

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's Cloud Block Store, Nu Skin now has access to real-time data to run hypothetical if-then analyses to draw insights on distributor performance and internal processes. Those insights are used to make critical data-driven business decisions. By using 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.

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 key element of Nu Skin's hybrid cloud transition, Cloud Block Store helps Nu Skin improve efficiencies and gain the flexibility it needs to remain competitive.

"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

Additional Resources

- Learn more about [Pure Storage Cloud Block Store](https://www.purestorage.com/legal/productenduserinfo.html).

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

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