



Accelerate Application Test and Development for Hybrid Cloud

The transformation of traditional business processes to digital workflows has made developers and application owners more vital than ever to the enterprises they serve. Waiting days, sometimes weeks, for IT to deliver test and development (test/dev) environments is no longer acceptable given the fast pace of business disruption. Yet the inefficiency of multiple data copies and high costs to store those copies today challenge IT teams to meet developer needs for the rapid delivery of test/dev environments in the data center and the public cloud.

With Cohesity, long wait times for test/dev environments are over. Cohesity accelerates the delivery of test/dev environments on-premises and in the cloud by making secondary data easily and instantly available, cost efficiently, and with data and application protection. Cohesity DataPlatform provides a single platform for IT to quickly clone, customize, and tear down test/dev environments—without separate, fragmented infrastructure stacks. A software-defined platform with consistent management for test/dev provisioning that extends to leading public clouds, Cohesity DataPlatform lowers application TCO while increasing operational efficiency.

A Better Way to Support Test/Dev On-Premises

Cohesity's intelligent secondary data platform allows virtualization administrators to leverage secondary workloads to power test/dev environments, drastically reducing data center sprawl. Instant virtual machine (VM) cloning made possible by Cohesity SpanFS™ gives developers access to the latest backup of their production application stack. They can run this directly on Cohesity DataPlatform, speeding time to market and reducing IT overhead.

Facilitating Application Mobility for Test/Dev Across Hybrid Cloud Environments

For enterprises increasingly adopting public cloud for agility and efficiency, Cohesity enables IT to give developers self-service access to create instant, cloud-ready test/dev environments. Cohesity CloudSpin, a Cohesity DataPlatform capability specifically built for public cloud, eliminates the need for expensive copies of data by allowing the use of on-premises backup data in the cloud.

CloudSpin addresses the format issues inherent in on-premises-to-cloud mobility by allowing the conversion of on-premises VMs to appropriate cloud formats. Spinning up new VMs in the cloud is easy with CloudSpin using idle back-up data from the on-premises environment. With CloudSpin, IT can make idle backup data more valuable by using it for test/dev with the assurance that the platform provides native data protection in the cloud. Moreover, Cohesity boosts operational efficiency by providing an easy path to quickly move applications back on-premises, as needed, for production.

Name	Start Time	Duration	Logical	Status
dnsCentOSVM1	Jul 14, 2018 9:33am Queued: Jul 14, 2018 9:32am	30m 29s	20 GiB	Success

Test/Dev with CloudSpin

Key Benefits

- Test/Dev Efficiency—On-Premises and Public Cloud
- Faster time to market
- Lower application and infrastructure TCO
- Developer self-service
- Improved value of backup data
- Reduced fragmentation across hybrid cloud environments
- Improved operational efficiency

“The combination of CloudSpin with native API integration in the cloud will enable us to elegantly accomplish our dual objectives of implementing test/dev and data protection in the cloud within a single offering.

- Marlon Wenceslao, Senior Systems Manager, Annenberg School for Communication, University of Pennsylvania

Key Capabilities

- Easily move test/dev data from on-premises to cloud and back
- Easily manage VMs across data center and cloud with automated VM format conversion
- Instantly clone VMs without performance penalties
- Leverage snapshot APIs specifically for public clouds

Enterprise-Grade Cloud Backup

Today's agile development life cycles require VMs to be continuously added or removed to accommodate changing business needs. Cohesity delivers a more intelligent way to manage this process, reducing manual administration. Auto-discovery and Auto-protect capabilities in Cohesity DataProtect are used for cloud-native backup. Moreover, integration with the snapshot APIs of popular public cloud providers—for example, Amazon Web Services, Microsoft Azure, and Google Cloud—ensures enterprises benefit from Cohesity's world-class data protection from the data center to the cloud. With Cohesity organizations can use the same enterprise-grade platform for protecting data assets on-premises and in the cloud, unlike alternatives that require separate solutions.

Businesses relying on Cohesity gain the benefits of more efficient test/dev data delivery, which translates into faster application deployment.