Accelerate Application Development and Testing, Anywhere

Key Benefits

- Accelerate application development
- Modernize test data management
- Simplify infrastructure while strengthening security

Innovation Starts with Empowering People

Digital transformation is driven by modern applications and the people who build them. Empowering these key stakeholders has profound effects on business outcomes: faster time to market, higher-quality applications, and an overall competitive edge.

Empowering developers and test teams with rapid access to high-quality data is a challenge. Typically, it takes enterprises multiple days, often weeks, and multiple approval cycles to provide relevant data to developers and test teams. Consequently, a lack of rapid access to high-quality data prolongs the time to take an application to market. The legacy paradigm of provisioning data does not align with today's modern development needs, creating data fragmentation as well as security and compliance risk. The public cloud helps dev/test initiatives but it's not enough. In fact, the advent of dev/test in the cloud adds additional roadblocks, including the misalignment of formats among on-premises and public cloud virtual machines (VMs). This leads to a schism between on-prem and cloud environments, leading to manageability strains, a severe impediment to application mobility, and dramatic cost challenges—more copies need to be created and stored.

Agile Development and Testing

Cohesity solves these challenges directly and provides the ability to instantly provision—and manage—high-fidelity data to development and test teams via zero-cost clones. Cohesity accelerates the development of high-quality applications on a single hyperscale data management platform, that spans from on-prem to the public cloud. This modern approach to data management helps tackle mass data fragmentation.

Across All Clouds

The ability to span on-prem to hybrid to multicloud environments leads to a distinct advantage. Cohesity software allows backed up VMs from on-prem environments to be spun up on public clouds.

Backup data can be instantly provisioned in a public cloud and subsequently, rapidly brought down, making cloud strategies for agility dramatically more effective. The Cohesity multicloud data management platform automatically converts on-prem VMs to appropriate cloud formats, allowing for true application mobility. With seamless data protection and dev/test across on-prem and public cloud environments, management is simplified, streamlined, and consistent. The result: more agile teams, decreased administration time, and lower TCO.

A Modern Approach to Data Management

Cohesity supports a wide range of data sources including VMware, Oracle, Microsoft SQL Server, and modern distributed databases. Combined with automated and on-demand data refresh, Cohesity helps development and testing teams get access to high-quality, relevant data.

Cohesity accelerates application development and enterprise productivity by:

- Reducing development roadblocks and allowing more accurate testing—earlier in the release cycle (effectively applying shift-left principles to data management practices).

- Simplifying infrastructure and access to high-fidelity test data, both on-prem and on leading public clouds.

- Making security and compliance simple with data masking, and greater visibility and control of data.

Accelerate Application Development

Empower development and test teams with instant access to high-quality data:

- Instantly provision zero-cost clones on a single hyperscale data management platform.

- Reduce defects in application code by increasing test coverage accuracy through self-service access to up-to-date virtual copies of data.

- Build and train accurate machine-learning models with high-quality malleable data, for experimentation and model iteration.

Simplify Infrastructure

Cohesity provides one platform for data protection, management, and dev/test across on-prem, hybrid and multicloud environments:

- Stop data sprawl and unnecessary infrastructure and copies of data with one platform, reducing complexity and cost.

- Enable instant virtual machine and database cloning with Cohesity SpanFS™ and SnapTree™ and give developers access to the latest backup of their production application stack.

- Effortlessly spin up and convert on-prem VMs to native-formats on leading public cloud environments, including Amazon Web Services and Microsoft Azure, for development and testing.

Make Security Simple

Cohesity addresses security and compliance exposure by reducing the data footprint, enabling data masking, and providing control and visibility to data on a single platform:

- Anonymize data with intelligent masking capabilities and scrub it for sensitive information, including PII before sharing clones with development and test teams. Make compliance effortless.

- Discover cyber threats proactively with vulnerability management and avoid injecting known or previously addressed vulnerabilities by assessing snaps for cyber threats.

- Keep control of data and increase data visibility with RBAC-based access to clones.

Learn more at www.cohesity.com

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