



Datasheet

# Multi-Cloud Migration





The Persistent Multi-Cloud Migration delivers secure, reliable, and efficient migration to cloud, hyper-converged infrastructure, and other transformative data center architectures. Now organizations can securely and quickly move all applications, operating systems, containers, licenses, IP addresses, data, etc. from any physical or virtual platform to any target platform, whether local or remote with the least operational disruption. Migrating between environments was never this easy.

## Use Cases

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- 1\ Migration over a public network
- 2\ Migration over secure VPN
- 3\ Data seeding using Persistent Multi-Cloud Migration Utility & Multi-Cloud Disaster Recovery and incremental over the wire for large scale migration

## Why Persistent Multi-Cloud Migration Utility?

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Platform agnostic solution

Simple and scalable three-step workflow

Migrate legacy physical servers to new infrastructure

Patented technologies for storage, network and cloud infrastructure and data management

Our experience in working with the Persistent Multi-Cloud Migration team was an awesome one. Their support team was exceptionally good at hand holding and getting the setup completed. The migration went according to plan without any disruptions. We intend to use them again for future projects.

Lead Cloud Architect, Searce

## Technical Overview

The Persistent Multi-Cloud Migration captures application consistent images from any physical or virtual server. These point-in-time images are then deduplicated, compressed, encrypted, and replicated to the target, be it a local or remote site or cloud.

A state-of-the-art UI provides visibility of operations across the source and target environments. The user follows a simple 3 step workflow and the entire process is automated making it very intuitive to use.

The Persistent Multi-Cloud Migration includes a migration planner to create an end-to-end plan to identify the machines and automate the entire migration within the relevant timeline. Run

any pre- and post-migration scripts to manage interrelationships between applications and the environment. Migration plans can be tested locally or remotely to ensure confidence, reliability, and speed of migration.

Automatic WAN throttling enables efficient, unmonitored migration during busy and light hours. Customer supplied encryption keys, AES 256 encryption and end-to-end data integrity check provides complete data privacy and security.

Unlock your applications with the solution and automatically transform applications to migrate from any source to any target local or remote site or cloud.



Register



Migrate



Recover



Migrated 130 servers in mixed flavors from private cloud to Google Cloud.

- \ Increase in performance for migrated workloads
- \ Completed one week ahead of schedule



Migrated 70+ legacy Linux based VMs from local data center to Google Cloud.

- \ Virtually no impact on customer's operations
- \ Increase in performance for the migrated workloads



Migrated 700 servers comprising of 100TB of data with zero business impact from current distributed data center to Nutanix AHV.

- \ Greatly reduced license fees resulting in dramatic cost-savings
- \ Dramatic reduction of impact on staff productivity

**The Persistent Multi-Cloud Migration team was able to replicate the data without impacting production servers and then provide a quick cutover so that RDA customers were able to continue using the ERP software. The Solution support team was exceptionally good at ensuring we had a solid plan and that everything was configured properly.**

Cloud Solutions Architect, Redapt Inc

### Fast

- \ Migrate 100s to 1000s of VMs
- \ Globally deduplicated and compressed data migration
- \ WAN optimized

### Secure

- \ Military grade AES-256 encryption of data in flight and at rest
- \ Single secure connection between source and target

### Reliable

- \ End to end data integrity verification
- \ Robust error recovery

### Automated

- \ Automatic transformation between platforms
- \ Pre- and post-processing automation
- \ Migration Plans for automated execution
- \ Automatic setup of predefined VMs, IP changes and security groups applied

## About Persistent

We are a trusted Digital Engineering and Enterprise Modernization partner, combining deep technical expertise and industry experience to help our clients anticipate what's next. Our offerings and proven solutions create a unique competitive advantage for our clients by giving them the power to see beyond and rise above. We work with many industry-leading organizations world-wide including 14 of the 30 most innovative US companies, 80% of the largest banks in the US and India, and numerous innovators across the healthcare ecosystem. Our company fosters a values-driven and people-centric work environment. Our strength of over 22,500+ employees is spread over 18 different countries across the globe.

### USA

Persistent Systems, Inc.  
2055 Laurelwood Road, Suite 210  
Santa Clara, CA 95054  
Tel: +1 (408) 216 7010  
Fax: +1 (408) 451 9177  
Email: info@persistent.com

### India

Persistent Systems Limited  
Bhageerath, 402  
Senapati Bapat Road  
Pune 411016  
Tel: +91 (20) 6703 0000  
Fax: +91 (20) 6703 0008



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[www.persistent.com](http://www.persistent.com)