



Datasheet

Multi-Cloud Migration

Secure, reliable and efficient application migration to cloud, hyperconverged infrastructure and other transformative data center architectures



The Persistent Multi-Cloud Migration delivers enterprise-class application mobility with the fastest time to production and the least operational disruption by minimizing downtime. IT managers can securely and quickly move all applications, operating systems, data, containers, licenses, IP addresses, etc. from any physical or virtual platform to any target platform, whether local or remote. Even migrating back from the cloud is simple.

Engineered Solutions

To speed up replication and recovery, we have custom-built processes for the most commonly used complex environments.



The Persistent Multi-Cloud Migration & Multi-Cloud Disaster Recovery quickly seeds large amounts of data (100+ TB) to initiate migration via a secure, transportable hardware appliance, followed by secured incremental updates over the WAN using the Cloud Migration Utility.

Architecture

Persistent Multi-Cloud Migration captures application consistent images from any physical or virtual server. These point-in-time images are then replicated, using efficient deduplication, compression and encryption, to a local or remote site or cloud. These images are used to deploy the application on the target platform. It is available to migrate large amounts of data via a secure transportable appliance for initial data seeding. The solution includes a migration planner to develop an end-to-end plan to automate the overall migration process.

A migration plan identifies which machines are migrated and when, any pre- and post-migration transformations and interrelationships that create complex applications. Migration plans can be tested locally or remotely to ensure confidence and speed of migration. Unlock your applications with the Persistent Multi-Cloud Migration Utility and leverage its automated transformation functionality to migrate from any source to any target local or remote site or cloud, where dissimilar hardware can be used at the source and target sites.



Multi-Cloud Migration Application Mobility

- \ To and from dissimilar virtual or container environments, clouds, or physical servers, whether local or remote
- \ Using automated transformations that allow applications to run in a new, and often different, target environment
- \ Cloud Migration Utility ensures all migration steps are completed in a timely, efficient, and secure manner:
 - 1\ Register servers
 - 2\ Migrate by starting the data capture of the servers
 - 3\ Automatic WAN optimized replication to target site platform
 - 4\ Automatic conversion to target site format
 - 5\ Recover

Support Matrix

- \ **Linux:** Ubuntu, Red Hat, OpenStack, CentOS, Debian Linux
- \ **Microsoft Windows Server:** 2003, 2008, 2012 (32/64 bit, including R2)
- \ VMware (5.1 and above) VMs
- \ Hyper-V (2008 and above) VMs
- \ Azure VMs
- \ UNC shares



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

Efficient	Secure	Reliable
<ul style="list-style-type: none">\ Simple and intuitive 3-step workflow\ WAN optimization algorithms\ Deduplicated and compressed data replication	<ul style="list-style-type: none">\ Advanced point-to-point security\ Military grade encryption during data transit and at rest	<ul style="list-style-type: none">\ Snapshot block-level migration process\ Automated transformations with data integrity verification\ Support any cloud, hypervisor and hardware with customized support for commonly used complex applications

Note: Refer to the Persistent website for the latest support matrix details.

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



Persistent

www.persistent.com