

# Cloud Migration Self-Service Tool

Dimension Data offers a **Cloud Migration Self-Service Tool** to support the safe and secure migration of Windows and Linux workloads from any platform to any Dimension Data location, worldwide. **The migration tool provides hardware-agnostic**, real-time replication across any geographic distance, globally or locally, and from any provider.

## Deliver high-value outcomes

The Self-Service Tool facilitates:

- safe and secure workload migration and replication
- efficient network utilisation during migration
- near-zero downtime migration

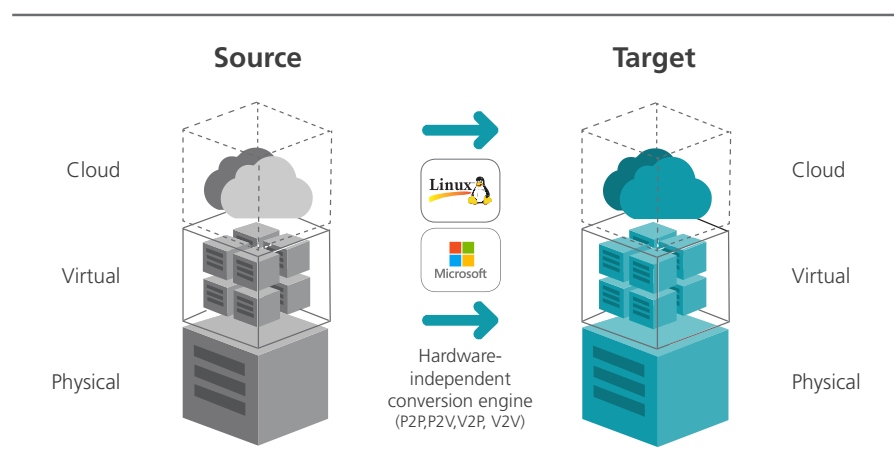
In addition, as this migration tool is platform-and hardware-independent, it simplifies the management and reduces the costs associated with managing multiple tools to support Windows and Linux migration and replication efforts.

'...it simplifies the management and **reduces the costs associated with managing multiple tools** to support Windows and Linux migration and replication efforts.'

You can leverage the use of this Cloud Migration Self-Service Tool to:

- support workload migration from your data centre, a colocation facility, or another cloud provider to the Dimension Data Managed Cloud Platform
- establish a disaster recover site
- migrate applications from a staging to a production environment
- move workloads from the Dimension Data Managed Cloud Platform Release 1.0 to Release 2.0

## Cloud Migration Self-Service Tool



## Cloud Migration Self Service Tool features and benefits

### Safe and Secure Migrations

Minimise the risk associated with manual migrations by automatically reproducing your entire application or workload on a new cloud, virtual, or physical hardware platform using the tool.

### Near-zero downtime

Workloads continue to run on the source servers while data is replicated to the destination servers during the migration, delivering near-zero downtime. This allows users to continue to use applications being migrated.

### Real-time replication

The tool migrates the files, application, and configuration and replicates any changes that occur during the migration in real-time. This prevents data loss and ensures uninterrupted application availability throughout the migration.

### Security

You have total control over the use of the migration tool. Every instance of the tool is isolated and dedicated to individual clients. Additionally, encrypted traffic is supported in the migration between source and destination servers.

### Automated failover and testing

The test cut over capability provides the ability to proactively validate migration success. Automatic go-live failover provides either on-demand or schedule-based failover to accommodate a smooth transition of servers from the source to the destination environment and to minimise any impact on users.

'Migrations or replications **can be implemented over any geographic distance** and network utilisation can be optimised during the migration.'

### Efficient network use

#### Real-time, asynchronous, byte-level replication

The self-service tool replicates data immediately and continuously, unlike store-and-forward replication techniques. Byte-level replication is extremely efficient over distances as only changed bytes are transmitted.

#### Compression and deduplication

Compression and deduplication reduce network traffic, optimise network utilisation, and accelerate the replication of large data volumes.

#### Scheduled bandwidth utilisation

The ability to schedule bandwidth utilisation optimises WAN usage and ensures that bandwidth remains available for vital transactions, during peak periods.

#### Bulk migrations

You can efficiently deploy the migration tool agent to multiple servers in minutes and manage large migrations in batches, using a simple user interface.

#### What makes this migration tool different?

**Platform, hardware, and resource independence** allows you to easily migrate or replicate Windows and Linux workloads to a Dimension Data environment locally or globally. The source and destination servers can be sized differently. The source and destination servers can have different drive sizes, CPU, and memory allocations. This permits you to use one tool for all Windows and Linux migrations between physical, virtual, and cloud environments. Migrations or replications can be implemented over any geographic distance and network utilisation can be optimised during the migration.

**Real-time replication** allows users to continue to use applications during the migration, ensures uninterrupted application availability, and virtually eliminates the potential for data loss.

**Contact us today to learn more about using the Cloud Self-Service Migration Tool.**

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