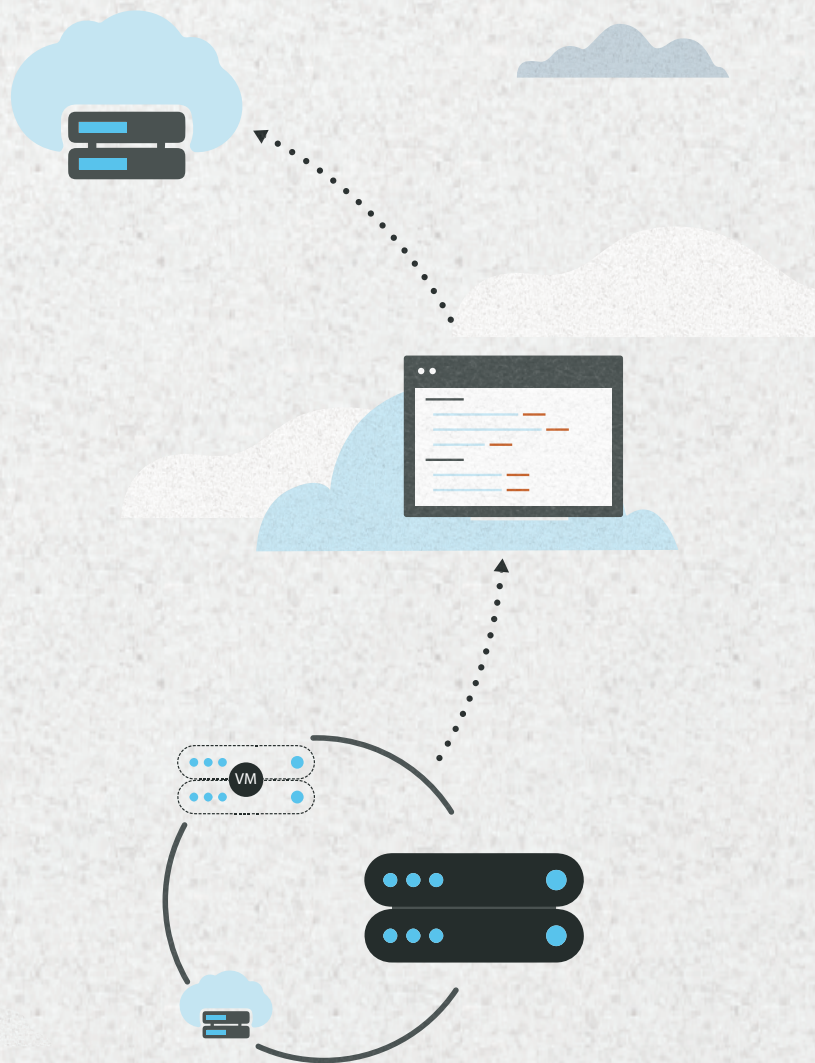


Togglr Cloud Migration

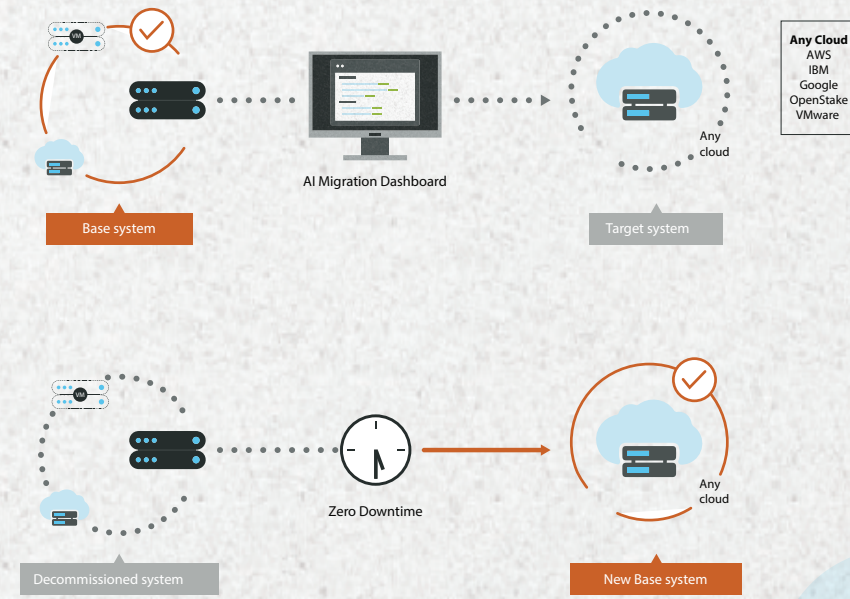
Solution Approach



Togglr Cloud Migration Platform

Togglr Migration is an online service that enables migrations from any physical, virtual or cloud-based environment into VMware vSphere, vCloud Director, OpenStack, Amazon Web Services EC2 or Microsoft Azure infrastructure as a service (IaaS) cloud environments. The web-based console provides automated, centralized migration to the cloud.

Technical functionalities on Togglr Cloud Migration:



Requirements

Togglr Cloud Migration platform automates and simplifies workload migrations to the cloud. The Togglr Cloud Migration console manages migration of physical, virtual or cloud servers to any cloud target. That means greater flexibility and freedom from cloud vendor lock-in.

Note: there must be at least one TCP/ IP network interface configured with a routable IP address that can send and receive data to and from the secondary infrastructure.

Target infrastructure

- Amazon Web Services
- Microsoft Azure Classic
- Microsoft Azure Resource Manager
- OpenStack
- VMware vSphere
- VMware vCloud Director

Source supported operating systems:

- Microsoft Windows Server 2008
- Microsoft Windows Server 2012
- Red Hat Enterprise Linux
- Oracle Enterprise Linux
- CentOS
- SUSE Enterprise Linux
- Ubuntu

* Users will need to have created an account with the target cloud vendor prior to migration so that account information is available for Togglr Cloud Migration initial configuration.

AI Solution Process:

Togglr Cloud Migration platform provides a streamlined migration process for moving workloads to the cloud:

- The details regarding the source and target environments are added to the online Togglr Cloud Migration platform. The solution then automates the discovery of servers that may be migrated.
- Once a server is selected for migration, the tool will identify an appropriate instance size in the target cloud, and the instance can be customized before migration. An automated process then installs the necessary software, provisions the target environment and initiates real-time byte-level replication to create a replica of the source server at the target.
- Togglr replication maximizes bandwidth efficiency, sending the smallest possible chunks of data, incorporating multiple levels of compression and enabling bandwidth throttling.
- The target server can be validated and cutovers can be tested anytime without disrupting business operations. The cutover itself takes minutes or seconds. Then your workload will be running in the target cloud, with limited disruption or data loss.

Behind the scenes: Togglr Cloud Migration automates several steps to prepare for cutover:

- Creates a target service that will hold the server that is migrated
- Creates a target instance, a VM within the cloud service
- Provisions the target instance, including remapping the D: drive in the target instance if the source machine has a D: drive in use
- Creates install points by setting up firewall rules to allow for remotely installing Togglr Move Powered by DoubleTake on the source and target servers
- Copies, installs and activates Carbonite to the source server
- Activates Togglr cloud platform on the target server
- Creates the migration job within Togglr Move
- Synchronizes source and target by sending data from the source server to the target server

AI built in to migrate, protect and recover

Togglr delivers workload migrations, high availability, disaster recovery and data sharing across multiple operating systems, on any hardware and on any physical, virtual or cloud-based environment. Near-zero downtime migration of data, applications and systems significantly reduces cost, risk and resource requirements. We utilize real-time replication to prevent data loss and enable fast recovery to secondary servers in the event of a planned or unplanned failure at the primary site. Our software also enables different database platforms to seamlessly share and consolidate data in real time for proactive, business-critical decision-making.

Contact us to learn more

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