

# LiveData Cloud Services for Azure

Turnkey solutions facilitate petabyte-scale migration and replication without business disruption

LiveData Cloud Services for Azure enable Microsoft enterprise customers to accelerate digital transformation by seamlessly migrating and replicating their business-critical Hadoop data and Hive metadata to the Azure cloud, with zero downtime or data loss and while minimizing the business risks associated with these modernization initiatives.

LiveData Migrator for Azure and LiveData Plane for Azure are the first two LiveData Cloud Services for Azure and are both available on the [Azure Marketplace](#).

## LiveData Migrator for Azure

Data and metadata migration with no business disruption

## LiveData Plane for Azure

Active-active replication between on-premises and ADLS Gen2 environments

### wandisco LiveData Platform for Azure

Hadoop & Object Storage Connectivity

Coordination Engine

Security

Interfaces / APIs

Hive Plugin

Native Integration with Azure Resources  
(Azure Portal, CLI, Security, Manageability, Billing)

LiveData Cloud Services for Azure

Wandisco LiveData Cloud Services for Azure are natively integrated with Azure resources to provide customers with turnkey solutions and several key integration benefits, including:

- **Simplified deployment and operation**

Deep integration with Azure resources enables LiveData Cloud Services for Azure to be deployed at the same time as other native Azure services and with an equivalent user experience by using the Azure Portal and Azure CLI.

- **Support for Native Azure security and manageability**

LiveData Cloud Services for Azure leverage Azure features such as Role-Based Access Control, Active Directory, Azure Policy enforcement, and Activity Log integration.

- **Streamlined and simple billing integration**

Customers are billed through Azure, eliminating the need for you to add a new vendor contract or require additional vendor approvals.

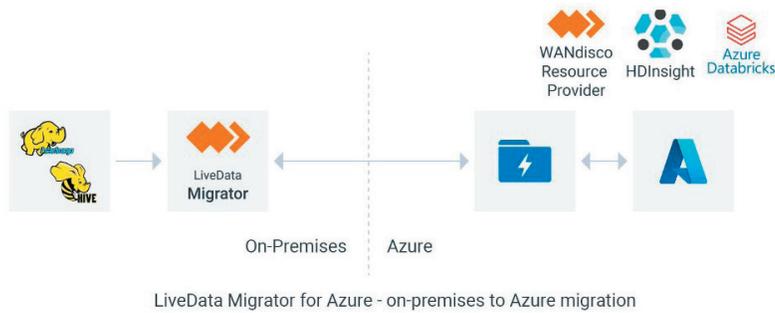


## LiveData Migrator for Azure

Migrate from Hadoop to cloud without disruption or downtime.

LiveData Migrator for Azure is a native Azure service that enables users to migrate petabyte-scale Hadoop data and Hive metadata to the Azure cloud with zero application downtime and zero risk of data loss, even while the source data is under active change.

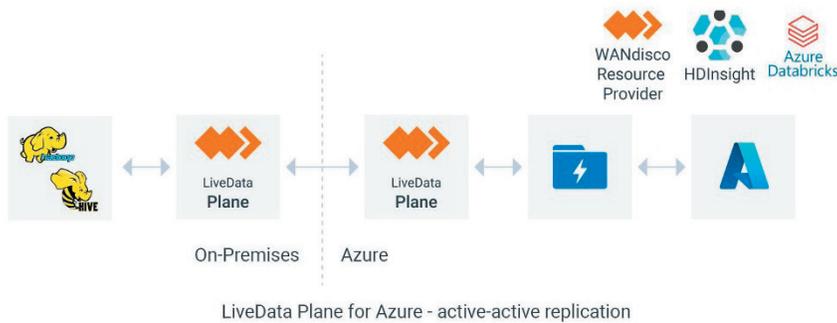
Migration of the selected data sets are performed with a single pass through the source storage system, eliminating the overhead of repeated scans while also supporting continuous migration of any ongoing changes from source to target.



## LiveData Plane for Azure

Consistent data everywhere.

LiveData Plane for Azure provides active-active data and metadata consistency across two or more distributed Hadoop environments. LiveData Plane for Azure is driven by WANDISCO's patented distributed coordination engine, which uses consensus to ensure 100% data consistency at all times. You can use LiveData Plane for Azure to ensure the changes that originated at your on-premises Hadoop cluster are replicated to your Azure HDInsight cluster backed by ADLS – and vice versa.



## Use Cases

### Cloud Data Migration

Fully-automated data migration with zero disruption allows your users and systems to continue operating while migration is underway. Migrate to Azure Data Lake Storage, the only cloud storage service purpose-built for big data analytics.

### Hybrid Data Estate

Maintain on-premises assets for as long as necessary. Organizations can maintain critical on-premises applications while expanding their investment and innovation in the cloud.

### Cloud Burst

Enables enterprises to access compute and storage in the cloud when required, rather than building out on-premises infrastructure for peak capacity.

### Cloud Analytics

Once in ADLS, the data is available to Azure analytics services such as HDInsight, Synapse, and Azure Databricks.

### Disaster Recovery

Enterprises that wish to decommission costly on-premises environments, which sit idle and are only maintained for regulatory purposes, can utilize the cloud as the new secure repository.

### Backup

Take advantage of cloud economics and maintain scheduled backups to the cloud.

WANDISCO is the LiveData company. WANDISCO solutions enable enterprises to create an environment where data is always available, accurate, and protected, creating a strong backbone for their IT infrastructure and a bedrock for running consistent, accurate machine learning applications. With zero downtime and zero data loss, WANDISCO LiveData Cloud Services keep geographically dispersed data at any scale consistent between on-premises and cloud environments allowing businesses to operate seamlessly in a hybrid or multi-cloud environment. WANDISCO has over a hundred customers and significant go-to-market partnerships with Microsoft Azure, Amazon Web Services, Google Cloud, Oracle, and others as well as OEM relationships with IBM and Alibaba. For more information on WANDISCO, visit [www.wandisco.com](http://www.wandisco.com).

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