

# WANDISCO FUSION® ORACLE BIG DATA CLOUD

### Oracle Big Data Cloud with WANdisco Fusion

WANdisco Fusion and Oracle Big Data Cloud extends on-premises Hadoop clusters to the cloud for active data wrangling, burst-out processing, offsite disaster recovery and data archiving. WANdisco Fusion is an unparalleled replication technology that gives you LiveData — consistent data everywhere, spanning platforms and locations, even for changing data at petabyte scale.

### Activate Hybrid Cloud

Take control of your cloud journey with our game-changing, patented technology connecting on-premises clusters to Oracle Big Data Cloud. Enable your hybrid architecture by replicating data between in-house and cloud environments continuously as it changes. Consistency is guaranteed with near real-time coordination.

### LiveData advantage

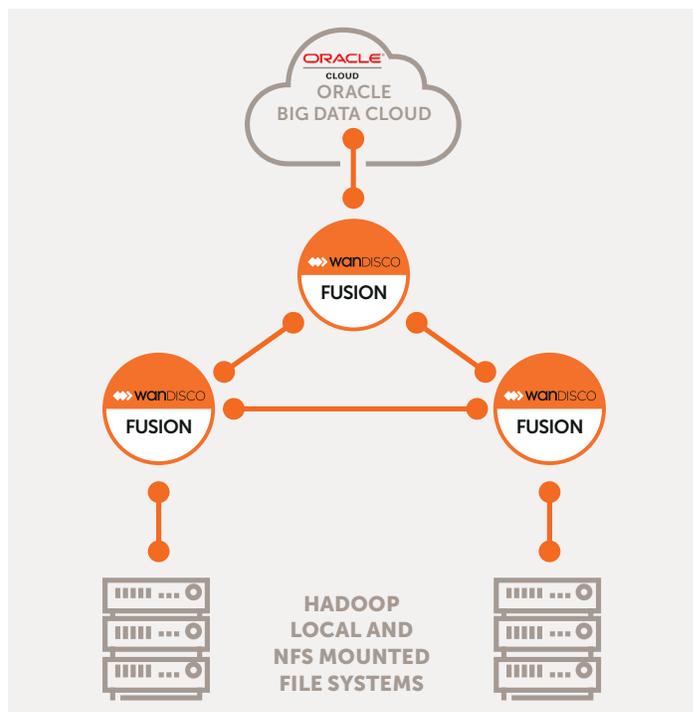
WANdisco Fusion coordinates data in Hadoop clusters whether on-premises or in the Oracle Cloud. WANdisco Fusion goes beyond any common copy utility or backup tool - provides true multi-site data coordination. Replicate any or all data to Oracle Cloud as it's ingested on-premises to leverage Oracle's Cloud Services. WANdisco Fusion fully supports Oracle Cloud capabilities that allow clusters to spin up and shutdown on demand, so you only pay for resources when you use them.

### Automatic recovery

Resumption of service and data coordination is automatic after planned or unplanned network or hardware outages in both on-premises and cloud environments. Any discrepancy is automatically resolved. It's self-healing.

### Accommodate changes with flexible architecture

Enable multi-vendor Hadoop strategies - control your data gravity. Extensible plugins support multiple storage systems such as: Cloud Object Storage, Hadoop data for Hive, Sentry, Ranger, as well as Network Filesystems (NFS).



### Overcomes challenges of other backup solutions

WANdisco Fusion is superior when compared to DistCp-based solutions offered by Hadoop vendors in many ways. DistCp is lacking since it:

- Runs in batch at periodic intervals - versus continuous replication.
- Cannot replicate new data in use or being ingested until next periodic invocation - which leaves data exposed to loss
- Requires significant administrator overhead for setup, maintenance and actual handling of disaster recovery
- Imposes significant system overhead when moving data - which prevents other applications from performing
- Cannot guarantee complete data consistency across all clusters - which can leave data out of date.
- Requires manual intervention to handle out-of-sync conditions - which is error-prone leading to data loss and extended downtime.



## Supported environments

### Hadoop

- Oracle® BDA and BDCS
- Oracle Big Data Cloud
- Hortonworks (HDP)
- Cloudera CDH
- MapR
- IBM BigInsights®
- Amazon EMR
- Google Cloud Dataproc
- Microsoft Azure HDInsight®

### Operating Systems

- Oracle Linux
- RHEL
- Centos
- Ubuntu
- SLES

### Cloud

- Oracle® Cloud
- Amazon
- Google Cloud™
- Microsoft Azure®
- Alibaba Cloud

### File

- Oracle Object Storage (OCI and Classic)
- OpenStack® Swift
- Amazon S3®
- Virtustream Storage Cloud
- IBM COS
- NetApp ONTAP
- Local and NFS mounted file systems



## ABOUT WANDISCO

WANdisco is the LiveData company that empowers enterprises to revolutionize their IT infrastructure with its groundbreaking distributed coordination engine (DConE) in the WANdisco Fusion platform, enabling companies to generate hyperscale economics with the same IT budget – across multiple development environments, data centers, and cloud providers. WANdisco Fusion powers hundreds of the Global 2000, including Cisco Systems, Allianz, AMD, Juniper, Morgan Stanley and more. With significant OEM relationships with IBM and Dell EMC and go-to-market partnerships with Amazon Web Services, Cisco, Microsoft Azure, Google Cloud, Oracle, Alibaba and other industry titans – WANdisco is igniting a LiveData movement worldwide.

For more information on WANdisco, visit [wandisco.com](http://wandisco.com) or contact [sales@wandisco.com](mailto:sales@wandisco.com).

Talk to one of our specialists today

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