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Release Notes

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CLOUDERA

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What's New

Learn about the new features and notable changes in this release.

Technical Preview release of Cloudera Hybrid Cloud and Data Hubs.

Cloud bursting lets you maximize existing on-premise investment while dynamically and temporarily extending the private data center into the cloud when on-premise resource utilization nears capacity.

We are enabling Cloud Bursting with the launch of Cloudera Hybrid Environment and Data Hubs.

Cloudera Hybrid Environments and Hybrid Data Hubs combine cloud-native elasticity, including provisioning and autoscaling, with a built-in capability to securely access datasets directly from an associated Cloudera on premises cluster.

This capability empowers you to dynamically extend your private data center into the cloud, instantly bridging resources to handle demand without the risk or cost of data migration.

This new capability natively enables cloud bursting with the following key advantages.

- **Zero Data Migration:** Eliminates the cost and complexity of application redesign and data migration. This enables dynamic workload movement over only planned workload migration.
- **Centralized Governance:** All metadata, access permissions, and governance rules remain centralized on-premises and are enforced consistently, whether the workload runs on-premises or in the cloud.
- **Workload Portability without Rewrite:** Cloudera Unified Runtime (e.g., Cloudera 7.3.1) means applications work and feel the same everywhere without re-engineering.

In addition to Cloud Bursting, this architecture also unlocks other powerful applications for your business requirements:

- **Strategic Workload Isolation:** Maintain critical SLAs by offloading additional workloads to the cloud.
- **Accelerated Software Development:** Create instant development environments that leverage zero-copy data access from your on-prem source

Hybrid environments are available on Cloudera on cloud from **November 19, 2025**. You need to request **CDP_HYBRID_CLOUD** entitlement to use hybrid environments. Contact Cloudera support to request the entitlement.

Support Matrix

The following services are supported in hybrid environments:

- Cloudera on premises runtime: 7.3.1
- Cloudera on cloud runtime 7.3.1
 - Cloud Providers: AWS, Azure, and GCP
- Spark and Hive engines
- Storage: HDFS on-premises
- Cloudera Data Hub:
 - Cloudera Hybrid Data Engineering: HA: Apache Spark3, Apache Hive template HA template (Cloudera Runtime 7.3.1)



Important:

Cloudera on premises and Cloudera on cloud must use the same runtime version.