

TDSQL-C for MySQL

Glossary

Product Documentation



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Last updated : 2023-11-09 15:37:08

Region

TencentDB data centers are hosted in multiple locations worldwide. These locations are known as regions. Each region is an independent geographic area containing multiple isolated availability zones (AZs).

AZ

AZs refer to Tencent Cloud's physical data centers that are in the same region. Each AZ is independently powered and have its own network resources. They are designed to ensure that failures within one AZ can be isolated from other zones, thereby ensuring service availability and business stability, excepting the occurrences of large-scale disasters or major power failures. You can protect your applications from being affected by failures that occur in a single location by selecting instances in independent AZs.

QPS

Queries per second (QPS) is a metric measuring how much traffic is processed by a particular query server within the specified time period.

TPS

Transactions per second (TPS) is the number of transactions a system can process per second. It is a key metric for evaluating the processing capabilities of a system.

Instance

A database instance is a standalone database environment that runs in the cloud. One compute node is called one instance.

Cluster

A cluster consists of multiple instances, usually including one read-write instance and multiple read-only instances.