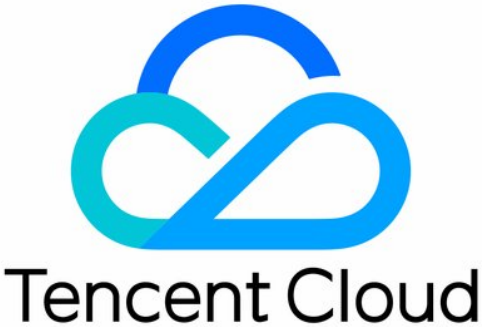
Tencent Sparkling Data Warehouse Suite

Glossary

Product Documentation



©2013-2019 Tencent Cloud. All rights reserved.

Copyright Notice

©2013-2019 Tencent Cloud. All rights reserved.

Copyright in this document is exclusively owned by Tencent Cloud. You must not reproduce, modify, copy or distribute in any way, in whole or in part, the contents of this document without Tencent Cloud's the prior written consent.

Trademark Notice

Tencent Cloud

All trademarks associated with Tencent Cloud and its services are owned by Tencent Cloud Computing (Beijing) Company Limited and its affiliated companies. Trademarks of third parties referred to in this document are owned by their respective proprietors.

Service Statement

This document is intended to provide users with general information about Tencent Cloud's products and services only and does not form part of Tencent Cloud's terms and conditions. Tencent Cloud's products or services are subject to change. Specific products and services and the standards applicable to them are exclusively provided for in Tencent Cloud's applicable terms and conditions.

Glossary

Last updated：2019-04-24 10:39:38

Sparkling Cluster

In exclusive mode, a Sparkling cluster is the core Sparkling Data Warehouse Suite component, composing of master nodes and worker nodes. Worker nodes can be divided into core nodes and elastic compute nodes.

Core Node

This is the basic storage and computation unit of a cluster. Each cluster has at least one core node. A core node includes the storage and computation engines, which can be manually or automatically scaled up but not down. As the number of core nodes increases, the cluster capacity and performance can be linearly increased.

Elastic Compute Node

Sparkling clusters support the separation of storage and computation to facilitate scheduling different types of computing loads. An elastic compute node only includes the computation engine, which can be manually or automatically scaled up or down elastically as needed.

Data Studio

Sparkling includes two core components: Data Studio data engineering and science platform and Sparkling data warehouse. Data Studio is a visual console for Sparkling users, which enables a rich set of data-related operations such as integration, management, development, analysis visualization, modeling, governance, ETL, computation and processing as well as cluster management and task scheduling.

Apache Spark

©2013-2019 Tencent Cloud. All rights reserved.

As an advanced project in the Apache community, Apache Spark is a new-generation big data processing framework built around speed, ease of use and complicated analysis. It has become a world-class mainstream distributed big data processing framework.

©2013-2019 Tencent Cloud. All rights reserved.