

TDSQL-A for PostgreSQL

Getting Started

Product Documentation



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



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.

Contents

Getting Started

- Creating Instance

- Connecting to Instance

Getting Started

Creating Instance

Last updated : 2021-09-23 09:39:24

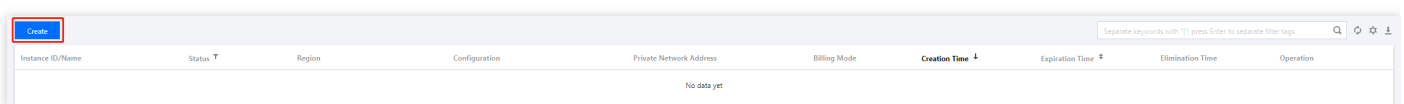
This document describes how to create an instance in the TDSQL-A for PostgreSQL console.

Note :

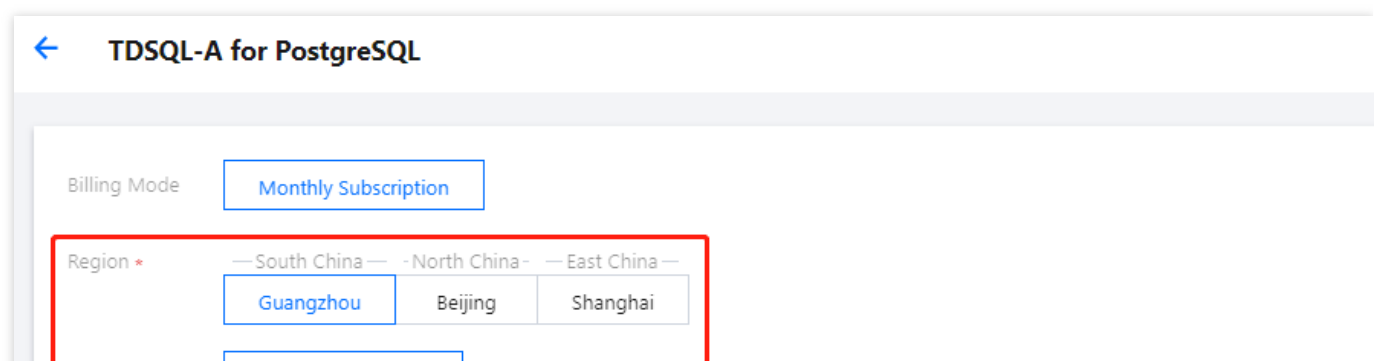
TDSQL-A for PostgreSQL is currently in beta test.

Directions

1. Log in to the [TDSQL-A for PostgreSQL console](#) and click **Create** in the instance list.



2. Select the region, network, character set, etc., on the purchase page based on your actual business needs and click **Buy Now**.
 - Billing Mode: currently, monthly subscription billing is supported.
 - Region and AZ: we recommend you select the region of your CVM instance, as Tencent Cloud services in different regions cannot interconnect.
 - Network Type: VPC (default). Select the specific VPC and subnet.
 - If needed, you can create a [VPC](#) and [subnet](#) in the console.
 - After a VPC is selected, it cannot be changed. For more information on VPC operations, please see [Managing VPC Instances](#).
 - Security Group: it is left empty by default. If your business requires other ports to be opened, please [customize the security group](#).



AZ *
Guangzhou Zone 3

Network *
VPC [Learn More](#)

Default-VPC Default-Subnet 4093 subnet IPs in total, with 4091 available

If the existing networks do not meet your requirements, go to [Create VPCs](#) or [Create Subnets](#).
In the current network environment, only devices in the "Default-VPC" VPC can access the database instance.

Security Group *
Selected security group (1 in total) [Learn More](#)

To open other ports, go to [Create Custom Security Groups](#)

Tag [i](#)
test Tag value [x](#)

[+ Add](#)
You can go to the tag console to [Create Tags](#).

Account Name
dbadmin

Password *
Enter the password
Supports 8-64 characters containing at least two of the three types: letters, digits, and symbols (_ + - & = ! @ # \$ % ^ *)

Confirm Password *
Enter the password again

Character Set *
☒ UTF8 ☐ LATIN1 ☐ EUC_CN ☐ SQL_ASCII

Database importing may fail if the character set is improperly configured.

Data Replication Mode [i](#) *

Strong sync (downgradable) [Hot](#)

Strong sync

Async

Instance Name

Name It Later Name It Now

Quantity
- 1 +

Total Fees

Buy Now

Cancel

3. After submitting the activation information, return to the instance list. After the status of the instance changes to **Running**, the instance can be connected to.

Connecting to Instance

Last updated : 2021-07-02 16:38:55

This document describes how to connect a TDSQL-A for PostgreSQL instance through a CVM instance. The instances must be under the same account and in the same VPC in the same region.

Note :

TDSQL-A for PostgreSQL is currently in beta test.

Directions

This document uses a CVM instance on CentOS 7.2 64-bit as an example. For more information on CVM instance purchase, please see [Purchasing Channels](#).

1. [Log in to the Linux CVM instance](#) and run the following command to download PostgreSQL:

```
rpm -Uvh https://download.postgresql.org/pub/repos/yum/10/redhat/rhel-7-x86_64/pgdg-redhat-repo-42.0-11.noarch.rpm
```

Note :

Replace the PostgreSQL download address in the example with the one corresponding to the actual OS.

2. Run the following command to install PostgreSQL:

```
yum install -y postgresql10-server postgresql10
```

3. Run the following command to connect to TDSQL-A for PostgreSQL:

```
psql -h instance address -p port -U dbadmin -d postgres
```

Note :

You can view the instance address and port on the instance details page in the [TDSQL-A console](#).