

TencentDB for CTSDB

Getting Started

Product Documentation



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Getting Started

Creating Instance

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This document describes how to purchase a CTSDB instance in the console.

Prerequisites

You have signed up for a Tencent Cloud account and completed identity verification as instructed in [Signing Up](#) and [Identity Verification Guide](#) respectively.

Directions

1. Log in at the [CTSDB purchase page](#), select various configuration items of the database, confirm that everything is correct, and click **Buy Now**.

Billing Mode: Pay-as-you-go.

Region and AZ: Select the region where to deploy your business. For more information, see [Regions and AZs](#).

Version: CTSDB 1.0 or CTSDB 2.0.

[CTSDB 1.0](#) is compatible with Elasticsearch 6.8.2.

[CTSDB 2.0](#) is compatible with Elasticsearch 7.10.1 and supports SQL-like query statements, data compression algorithms, and write performance optimization; therefore, it is recommended.

Configuration Mode: Select **QuickConfig** or **CustomConfig**.

Storage Capacity: In the QuickConfig mode, the storage (i.e., storage capacity per replica) = total disk capacity of the cluster / number of replicas.

Network: Select the network where the database instance resides. We recommend that you select the same VPC in the same region as the CVM instance to be connected to; otherwise, the database instance cannot connect to the CVM instance over the private network. For more information, see [Network Environment](#).

Port: Custom ports must fall between 1024 and 65535.

Project: Select a project to which the instance belongs. The default project is used.

Tag: Add tags to your instance for easy classification and management. Click **Add** to select tag keys and values.

Instance Name: Name the instance now or later.

Password: The root account password must contain 8–64 characters in the following three types: letters, digits, and special symbols `~!@#$$%^&*()_+-=|{}[]:;<>, .?/ .`

Fees: For more information, see [Pricing](#).

2. After completing the purchase, return to the instance list. After the status of the instance changes to **Running**, it can be used normally.

References

[Connecting to Instance](#)

Connecting to Instance

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CTSDB instances currently can be connected to only in VPCs. You can connect to a CTSDB instance in the console or through RESTful APIs. In the latter case, you need to provide the root account password to ensure security.

Below is a code sample for connecting to a CTSDB instance and creating a metric through curl. Here,

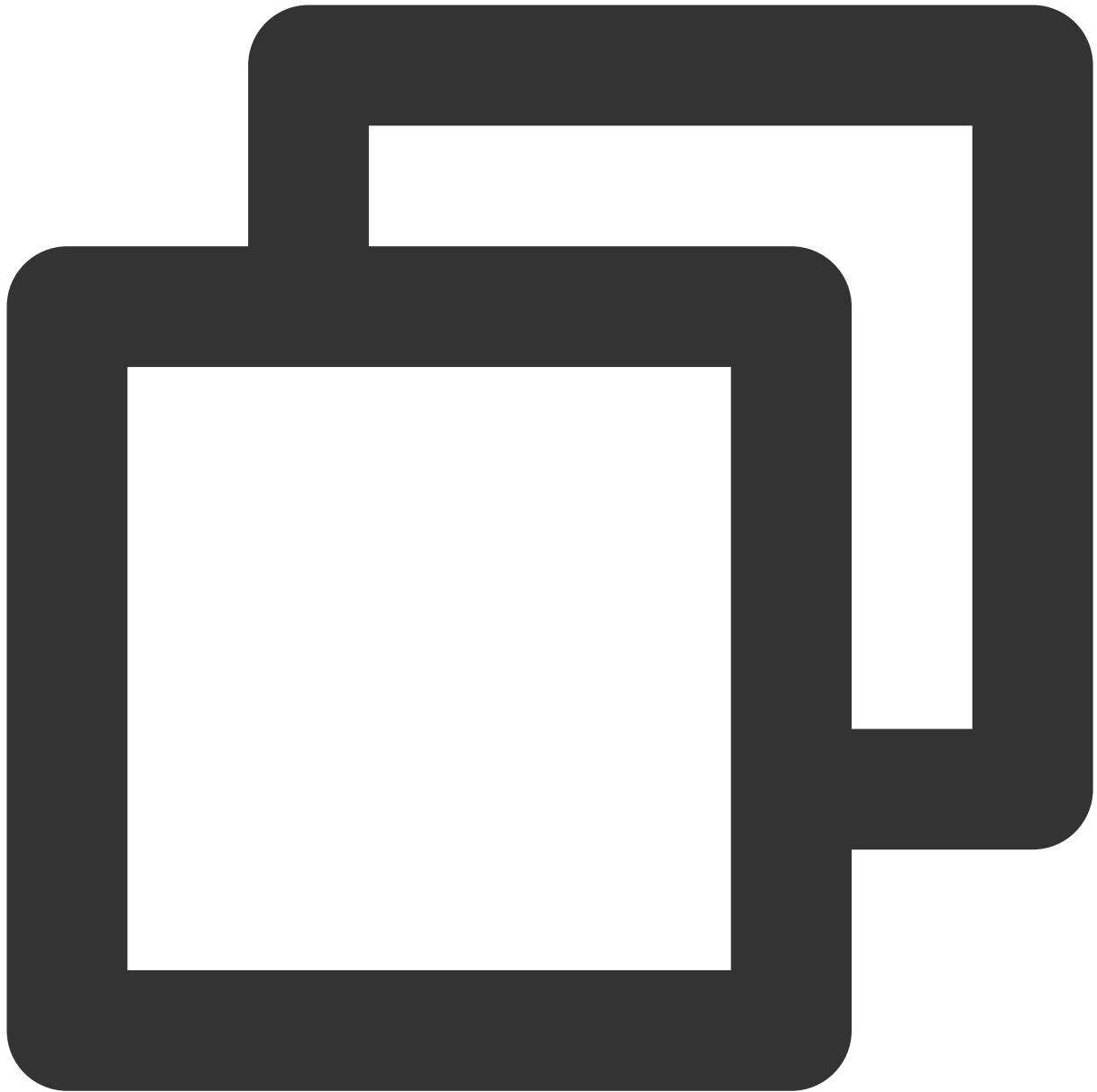
`${user:password}` is the username and password of the instance, `${vip}:${vport}` the IP and port, and `${metric_name}` the name of the created metric. For parameter descriptions, see [Creating Metric](#).

Notes

To connect to a database instance at its private IP, the [CVM](#) instance and the database instance must be under the same account and in the same [VPC](#) in the same region, or both in the classic network.

You can view the private IP and port in the instance list in the [console](#).

If you forgot the password, reset it as instructed in [Resetting Password](#).



```
curl -u ${user:password} -H 'Content-Type:application/json' -X PUT ${vip}:${vpor
{
  "tags": {
    "region": "string",
    "set": "long",
    "host": "string"
  },
  "time": {
    "name": "timestamp",
    "format": "epoch_second"
  },
}
```

```
"fields": {
  "cpu_usage": "float"
},
"options": {
  "expire_day": 7,
  "refresh_interval": "10s",
  "number_of_shards": 5,
  "number_of_replicas": 1,
  "rolling_period": 1
}
}'
```