

Cloud Dedicated Zone

FAQs

Product Documentation





Copyright Notice

©2013-2024 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

STencent 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.

FAQs

Last updated : 2024-05-16 15:12:46

Can I deploy the CDZ in my own data center?

Yes. You can deploy the CDZ in your own or rented IDC.

What do I need to prepare for using a CDZ?

The cloud platform provides network devices, servers, software, and cloud services required for CDZs. For the infrastructure (server rooms, server racks, and all devices for air-conditioning, fire protection, humidity control, waterproofing, and power supply), you can use your own resources or let the cloud platform deal with it.

Is the user experience of CDZs the same as that of public AZs?

Yes. A CDZ is only visible to its owner. All related operations are similar to those of public AZs.

Will the latest technologies and cloud services capabilities be available in CDZs?

Yes. The latest technologies and cloud services capabilities are synched to CDZs.

What services of the cloud platform are available in CDZs?

All services of the cloud platform are available in CDZs.

Does CDZ support API capabilities?

Yes. The APIs used in CDZ and the availability zone of the central node are consistent. For example, when you create CVM resources, by using the RunInstances API, you only need to enter the CDZ ID into the Placement field to create resources for CDZ.

Does CDZ support CVM virtual machines?

Yes. CDZ uses the same virtualization mechanism as that of the Central Cloud, supporting the virtualization of physical machine resources into virtual machines of various specifications. We can use the same APIs as the Central Cloud to create and manage these virtual machines. Support for creating CVM instances.



Billing mode		ubscription to businesses with long-term Semands	22% Chin Applic	s-you-go off for regions outside the ese mainland able to scenarios where th ds are fluctuated significa		Spot instances (Up to 85% off for Hong Kong (China) and other regions outside China Up to 85% is saved compared to a pay- as-you-go instance, but the spot instance may be automatically		
Region	China A	sia Pacific Europ	e and America					
	Qingyuan	Sold C Shenzhen Shenyu Tenpa	y Guangzhou	Shanghai	Nanjing	Shanghai Self-driving Cloud	Beijing	Chengdu
	Chongqing	Hong Kong (China)	Taiwan (China)					
	_		municate via a private netv	work. The region cannot be	changed after the creation	n. Please select the region closest to your cu	stomers to reduce acci	ess latency.
Availability zone	Central AZ	Edge AZ						
	Random	Shanghai Zone 2	Shanghai Zone 4	Shanghai Zone 5	Shanghai Zone 8	Technology CDZ Shanghai Z	one 1	
	Tencent Cloud products in	n different AZs in the same reg	ion can communicate via a	private network.				
Selected S5.SMALL	L2 (Standard S5, 1C2G)							

Does CDZ support Container VPC?

Yes. CDZ employs the same deployment method as that of the Central Cloud, supporting the deployment of EKS and TKE services. Customers can create and manage container resources in the distributed cloud through container products.

Na da lava ak a a ɗarrar											
Node launch configurat	tion		C	D Models su	pported on a general node	are not exact	ly the same as	that supported on a	a CVM. For details,	see <u>CVM models suppo</u>	orted on a general node
Node pool name				ability zone		-	, .			,,,	g Zone 7 Beijing Shijiazhuang Edg
Node pool type Image provider	General node pool Public image	Marketplace			Shenyang Edge Zor	e 2 CTCC	Harbin Ed	ge Zone 1			
Operating system		. ,		əl	Please select		▼ Plea:	se select	Ŧ		
Billing mode	Pay-as-you-go	Spot	Mc					MEM-optimized	Compute Ram Matal	GPU-based	FPGA-based
Supported network ()	Default-VPC(vpc-8ii9	rip 🔻	CII		Preferential	high io	Dig Dat	a noyai	Dare Metal	nigh-renomance o	ompute cluster
Model configuration	Select a model	0			All instance m	odels	Standard SA5	Standard S8	Standard S	A4 Standard S6	Standard SA3
System disk	Select the model first				Standard S5					Standard Storage Op	Standard S1
	Node pool type Image provider Operating system Billing mode Supported network Model configuration	The name cannot exce Node pool type General node pool Image provider Public image Operating system TencentOS Server 3. Choosing an Image (Billing mode Pay-as-you-go Supported network () Default-VPC(vpc-Bild Model configuration Select a model	The name cannot exceed 255 charact Node pool type General node pool Image provider Public Image Marketplace Operating system Tencent0S Server 3.1 (TK4) Choosing an Image (Tencent0S Serv Billing mode Pay-as-you-go Spot Supported network Default-VPC(vpc-8li9rlp_ Model configuration Select a model ①	Avail Avail The name cannot exceed 255 characters. Avail Node pool type General node pool Image provider Public image Marketplace Operating system TencentOS Server 3.1 (TK4) Model Choosing an Image (TencentOS Server is Billing mode Pay-as-you-go Supported network () Default-VPC(vpc-Bli9r) Ctr Model configuration Select a model ()	Availability zone Availability zone The name cannot exceed 255 characters. Node pool type General node pool Image provider Public image Public image Marketplace Operating system TencentOS Server 3.1 (TK4) Choosing an Image (FencentOS Server is Billing mode Pay-as-you-go Supported network() Default-VPC(vpo-Bil9/rp Model configuration Select a model	Availability zone All AZs Beijin The name cannot exceed 255 characters. Node pool type General node pool Image provider Public image Marketplace Operating system TencentOS Server 3.1 (TK4) Choosing an Image (TencentOS Server is Billing mode Pay-as-you-go Spot Mc Supported network D Default-VPC(vpc-8ii9rip. Cit Model Offguration Select a model 0	Avialiability zone All AZs Beijing Zone 2 The name cannot exceed 255 characters. In CD2 in Beijing Zone 2 Node pool type General node pool Image provider Public image Public image Marketplace Operating system TencentOS Server 3.1 (TK4) Objecting system TencentOS Server 3.1 (TK4) Model Ohoosing an Image (TencentOS Server is Billing mode Pay-as-you-go Supported network() Default-VPC(vpc6ii)drp System disk Select a model	Availability zone Availability zone All A2s Beijing Zone 2 Beijing Zone 2 Node pool type General node pool Im CD2 In Beijing Zone 1 Im CD2 In Beijing Zone 1 Image provider Public image Marketplace Shenyang Edge Zone 2 CTCC Harbin Edd Operating system TencentOS Server 3.1 (TK4) Model Model The information of A2 is not included in the launch of A1 instance	Availability zone All AZs Beijing Zone 2 Beijing Zone 3 Beijing Z	Availability zone Availability zone Availability zone Availability zone Beijing Zone 2 Beijing Zone 3 Beijing Zone 5 Beijing Node pool type General node pool Image provider Public image Markatplace Operating system TencentOS Server 3: 1 (TK4) Model Model Please select Please select Please select Please select Image Provider Billing mode Pay-as-you-go Spot Model NPU-based High 10 Big Data Royal Bare Metal Supported network() Default VPC(vpc-Bill9r/p Crite All instance models Standard SAS Standard S8 Standard S8 System disk Select the model first Standard S4 Standard S3 Standard S4 Standard S3	Availability zone All AZs Beijing Zone 2 Beijing Zone 3 Beijing Zone 6 Beijing Zone 1 Shenyang Edge Zone 1 The information of AZ Is not included in the launch configuration. The AZ selected here is only used to list availability zone 8 Model Shenyang Edge Zone 2 Clin 2 Information of AZ Is not included in the launch configuration. The AZ selected here is only used to list availability zone 8 Shenyang Edge Zone 1 The information of AZ Is not included in the launch configuration. The AZ selected here is only used to list availability zone

Does CDZ support Virtual Network?

Yes. CDZ uses the same network services as those of the Central Cloud. The methods for creating and managing VPCs and subnets are consistent. It supports both Central Cloud and distributed cloud within the same virtual network, enabling mutual communication.



S Tencent Cloud	Overview Products		iouu Lighthouse					er 👻 English 👻 🕠
Virtual Private Cloud	Virtual Private C	Cloud 🕓 Beij	ijing 1 👻	VPC informa				
findar i mate ologo				Region	North China(Beijing)			
Hap Network Topology			the same region w	Name	0	ementi 6		
Public Bandwidth					It cannot be left empty.			
Overview					Up to 60 characters ([a-z], [A-Z], [0-9], [] and Chinese characters).			
R Network	Create			IPv4 CIDR	10 • . 0 .0.0/ 16 •			
Performance Dashboard				Block	The IP range cannot be changed once created. It's recommended to have	a		
🕣 Virtual Private			IPv6 CIDR		proper network structure 🛃.	t conne		
		172.21.0.0/16(_	Tags	Tag Key 🔻 Tag Value 💌 🗴	<		Delete More 🔻
Subnet	Default-VPC	Primary) 1			+ Add () Paste		23:05:04	
Route Tables				Subnet infor	nation		20 👻 / pag	/ 1 page 🗼
📰 IP and Interface 🗠				Subnet name	Beijing Zone 5			
Shared Bandwidth					Beijing Zone 6 -Z], [0-9], [] and Chinese characters).			
Pack					Beijing Zone 7			
Network Connection				IPv4 CIDR Block	Beijing Zone 8			
🗎 NAT Gateway 🚽					CDZ B			
A Peering Connections				Availability	CDZ in			

Does CDZ support CBS?

Yes. CDZ supports deploying the same CBS service as that of the Central Cloud, supports binding with Virtual Machines, and allows customers to use block storage in the distributed cloud as the system disk and data disk for Virtual Machines.

So Tencent Cloud	Overview Products - Tenc	Purchase Data Disk		×	ket 👻 Billing (Center 🔻 English 🔻
Cloud Virtual Machine	Cloud Disk Seijing(9)		disk can ONLY be attached to instances in the same AZ.	🗘 Cloud Disl	Data Protection C	Configuration CBS User (
🥱 Instances	Create Attach	2. After purchas	e, the data disk needs to be attached to an instance and initialized before use. Learn more 🗹			
E Launch Templates	Separate keywords with ' ', and s	AZ *	Beijing Zone 2(2) Beijing Zone 3(1) Beijing Zone 4(0) Beijing Zone 5(1)			
Dedicated Hosts	ID/Name	_	Beijing Zone 6(0) Beijing Zone 7(4) Beijing Zone 8(0)			
B HPC Cluster			Map CDZ Beijing Zone 1(0) In CDZ in Beijing Zone 1(0)	ed backup point		
Reserved Instance	disk-n7nyc4df Unnamed_SYSTEM_DISK	L	Note: You don't have instances in the current AZ. Cloud disk does not support cross-AZ attaching and AZ changing.			Renew Create Snaps
Placement Group						
Dedicated Reservation	disk-8a6rf953 Renew Unnamed_SYSTEM_DISK	Cloud Disk Type∢ ★	Premium Cloud Disk Balanced SSD SSD Cloud Disk			Renew Create Snaps
) Images		Quick Disk Creation 🛈	Create Cloud Disk with Snapshot			
Auto Scaling III	disk-44r2r7zh Unnamed_SYSTEM_DISK	Capacity *	200GiB 500GiB 1000GiB 32000GiB			Renew Create Snaps
Cloud Block			Peak performance: 3400 Random IOPS , throughput: 130 MiB/s			
	disk-0il8ufvl Renew	Disk Name	Optional			Renew Create Snaps
🖞 Snapshots 🛛 🗸	IIIIWII_OPOTEM_DISK	Auto data backup(i)	The data backup point is the historical data version you retain for this cloud disk. You can specify the			
SSH Key	disk-eezcnzux	Auto data backup	number of versions to retain 1 +			
Security Groups	Unnamed_SYSTEM_DISK		After the data backup point is enabled, the historical data of yesterday will be retained automatically for the cloud disk, mitigating data risks due to maloperations and intrusions.			More 🔻

Does CDZ support CFS?

Yes. CDZ supports deploying the same CFS service as that of the Central Cloud, and it can be used in conjunction with various cloud services resources.

🔗 Tei	ncent Cloud	Overview Products - Tencent Cloud Lighthouse Cloud Virtual Machine +++	≥ ⁹⁹
	Create File Sy	stem	
	Select File Sy Type	stem > 2 Set Up Details	
	Storage Class	Standard	
۵	File System Name	Please enter no more than 64 Chinese characters, alphabets, numbers unc	
	Region	Beijing	
	Availability Zone	Beijing Zone 6	
		Q egion with your CVM.	
	Protocol	Beijing Zone 3	
	Data Source	Beijing Zone 4(Unsupported yet)	
	Select Network	Beijing Zone 5	
	Selectivetwork	Beijing Zone 6	
	Permission Group	CDZ Beijing Zone 1	

Does CDZ support COS?

Yes. CDZ supports deploying the same COS and CSP service as those of the Central Cloud and can be used in conjunction with various cloud services resources.

Cloud Object Storage	Bucket list	Create Bucket				×		Documentation 🗾 API	l Docume
Overview	Information Statis	1 Int	formation >	2 Advanced optional	configuration > 3 Confirm				
🔒 Bucket List	The service suspension po					ıt	ion period of your data in C	OS will be adjusted from 120	D days to
P Bookmark path	days. The change will take	Cluster	Public cloud cluster	*					
Statistic	Create Bucket Ma	Region	China 👻	南京 🔻			Enter the bucket	name Q	¢
🛿 Package Manage 🕤	Bucket Name 💲 🛈		The storage bucket com cannot be modified after	上海	It cloud service Intranet in the same region; The reg afully.	jion ji	on Time 💲	Operation	
torage+	annexwu-intl-1259767871	Name* 🚯	The bucket name can	台湾		-1	11-22 16:59:43	Monitor Configure	More
Data Processing Workflow			You can also enter 21 ch	上海自动驾驶云	ligits, and hyphens are supported. The name canno	ot be			
Batch Operation	annexwu1-1259767871		modified after it is create	CDZ北京一		-1	11-22 14:44:01	Monitor Configure	More
		Access Permission	Private Read/Write	重庆 / CD2	Z北京一区 gh risk Public Read/Write				
Storage Security	kirstaaa-1259767871		High risk				11-29 12:08:18	Monitor Configure	Mor

Does CDZ support various databases?

Yes. CDZ supports deploying the same variety of database services as those of the Central Cloud, such as Mysql, Redis, TDSQL-C Mysql, and PostgreSQL, and can be used in conjunction with various cloud services resources.

Database Version	MySQL5.6	MySQL5.7	MySQL8.0	Learn More 🗹					
	TDSQL-C, the latest Tence using snapshots. Massive :					ad-only instances. It allows	s you to upgrade/downgrad	de without data migration, and	d back up/roll back data
Engine ⊘	InnoDB	RocksDB	Learn More 🗹						
	The most commonly used	OLTP storage engine, with	complete transaction sup	port and powerful capabilit	y of highly concurrent read	s/writes			
			New)					
Architecture 🕜	Two-Node	Three-Node	Single-node	Learn More 🗹					
	Two-node (1 source, 1 repl	ica) architecture with loca	I SSD storage, featuring ro	obust performance and eas	e of use. The source only p	rovides access service, whil	e the replica only provides	disaster recovery.	
Disk Type 🕐	Local SSD disk								
Source AZ 💿	Beijing Zone 1	Beijing Zone 2	Beijing Zone 3	Beijing Zone 4	Beijing Zone 5	Beijing Zone 6	Beijing Zone 7	Beijing Zone 8	CDZ
	Products in the same VPC	but different AZs can com	municate with each other	via private network. For ex	ample, in the same VPC, the	e CVM in Guangzhou Zone :	2 can access the MySQL in	istance in Guangzhou Zone 3	via private network.
Replica AZ	DZ								
Selected General-	-4-core 8000 MB memory		out 67.7 I month 6 months	about 67.7 1 year More	Quantity -	1 +			
			Configu	ration Fees 45.55	290686usd B	ackup Fees 0.0000) 3644363 usd/ge	3/hour	
					141.17647USD		0.000113USD/GE	Next: Set Net	twork and Database

What PaaS services does CDZ support?

In addition to supporting containers, databases, and other PaaS products, CDZ also supports deploying the same CKafka and other PaaS services as those of the Central Cloud; essentially, if the service exists in the Central Cloud, it can be supported after appropriate adaptation.

Can CDZ support all products of the Central Cloud?

Mostly. The primary feature of the Distributed Cloud is its homogeneity and isomorphism with the Central Cloud, with a consistent control system managed by the Central Region. Therefore, the product capabilities of the distributed cloud can align with those of the Central Cloud, sharing the same product capabilities, documentation, and API capabilities, extending the product capabilities of the Central Cloud to various customer local IDC.