Edge Zone

Product Introduction

Product Documentation

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Overview

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Edge Zone is a local extension of Tencent Cloud, designed to address computing, storage, and service availability issues. Edge Zone brings numerous cloud advantages to you, such as elasticity, extensibility, and security.
With Edge Zone, you can run latency-sensitive applications at geographical locations close to the end users, virtually eliminating latency issues. Edge Zone offers a consistent experience with central nodes to facilitate business penetration, featuring lower latency, wider coverage, and less cost. You can easily build and deploy your business using a consistent set of services, only paying for the resources you used.

Strengths

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Scalability

Edge Zone supports resource purchase on demand and dynamic resource scaling, achieving zero investment in capital and labor at the earlier stage.

Low Latency for Terminal Users

Edge Zone covers most major capital cities across the country. It supports placing computing resources closer to the terminal users and ensures low latency for them.

Consistent Experience Across Availability Zones

Edge Zone supports core products such as Cloud Virtual Machine, Virtual Private Cloud, Cloud Connect Network, Cloud Load Balancer, and Container, enabling seamless cloud-edge integration. Applications can quickly, safely, and seamlessly access all services in the parent zone, accessing a consistent experience across availability zones.

Diverse Configuration

Edge Zone provides an open-running environment and calculation specifications. It caters to the different needs of users, offering bulk and flexible resource control to meet the resource requirements of applications.

High Availability

Provides 24/7 on-site operations and maintenance, fully escorted by a professional team.
Provides 99.9% High Availability to ensure stable business operation.

Scenarios

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Game Acceleration

If a strong interaction is required between game endpoints, you can use Edge Zone, which allows near-public access through local ISP lines, and reaches servers within the primary node through the Tencent Cloud private network. This effectively reduces latency, enhances user experience, and simultaneously achieves multi-point disaster recovery on the public network access side, reducing public network bandwidth costs.

Tencent Real-Time Communication

Edge Zone provides local Web Services, covering local users through the public network, ensuring content transmission efficiency through the Tencent Cloud private network, and helping Tencent Real-Time Communication services run faster and more stably.

CDN Origin-pull

Edge Zone achieves near-access to the origin-pull of the Content Delivery Network through the public network, reducing public network bandwidth costs. As an origin server edge site, it reduces origin-pull traffic and ensures the efficiency of content transmission from the central node origin server through the Tencent Cloud private network.