



## Virtual Machine



### Product Overview

Our need for processing power has grown greater than ever as the pace of global technological advancement continues to accelerate and bleeding-edge concepts like big data, artificial intelligence (AI), Bitcoin, the metaverse, and others gain traction worldwide. Today, computing power can be seen as the engine that propels the growth of industries and has integrated itself into every aspect of our everyday life.

Zenlayer Virtual Machine (VM) is designed to fulfill this need by providing businesses with flexible and easily scalable compute capabilities and an elastic, reliable way to deploy applications near their end users worldwide.

## Product Highlights

### Global coverage

Zenlayer's 50+ Tbps global network includes 280+ edge nodes spread across 110+ cities around the world. Our presence near data centers in key cities and emerging regions like APAC, South America, the Middle East, and Africa let you deploy applications close to users for better experiences and minimal latency.

### Seamless integration

Zenlayer VMs integrate seamlessly with your favorite Zenlayer products and services including Zenlayer Cloud Networking, Zenlayer Global Accelerator, Zenlayer DDoS Protection, and more to give your business a comprehensive, hassle-free computing and networking solution.

### Cost-effectiveness

Zenlayer VMs can be interconnected with Zenlayer Bare Metal Cloud instances via layer 2 or layer 3 connections to form an easily manageable and cost-efficient intranet. Start small, then easily scale up as your business grows without paying for hardware upgrades and replacements.

### High customizability

Unlike providers who only offer tiers of fixed specifications, Zenlayer VMs are highly customizable, ranging from 1vCPU 1GB to 64vCPU 128GB. Aside from the presets provisionable on zenConsole, you can contact us for customized specifications in CPU, storage, and memory to meet your unique business needs.

## Use Cases



Game Acceleration/  
Battle Server  
Deployment



Real-time  
communication



Cross-border  
payment



Blockchain

## Product Features

### Disaster recovery

Physical, on-premises recovery plans can be cost-prohibitive to build out for startups and smaller organizations. Instances on Zenlayer VMs can be quickly and easily backed up to another machine, independent of server specifications, so that your business can restore and resume operations quickly after a disaster.

### Optional cloud backup

We offer cloud storage backup as an add-on service for extra redundancy and maximum availability. When you choose this add-on, Zenlayer will create three replications of your instance that can be quickly restored in the event of any disruptions to help your business quickly recover and resume operations.

### Built-in fault tolerance

Our system monitors all VM host servers for any potential problems. If any issues surface on a particular server, its hosted instances will be automatically migrated to a working server to help prevent disruptions to your service and user experience.

### Quick and easy provisioning

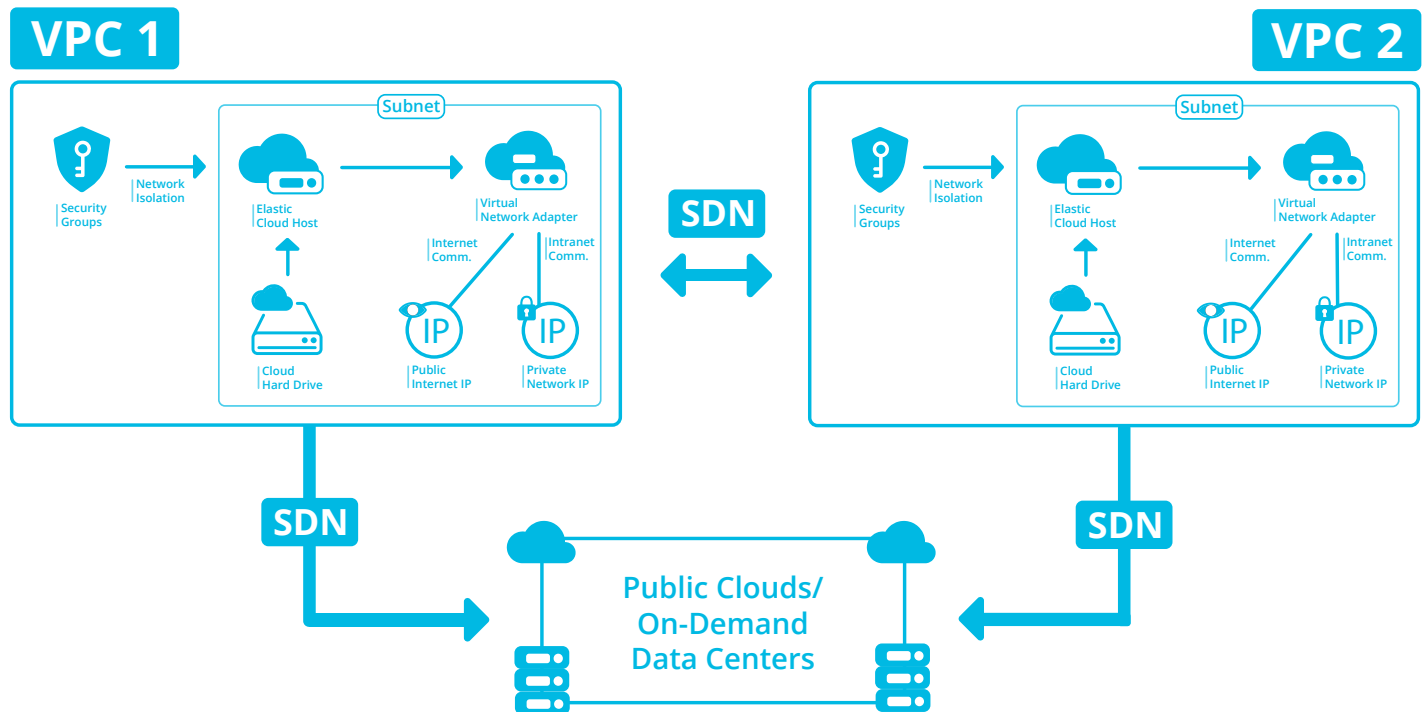
You can instantly provision VMs in 25 major cities on zenConsole or contact us to provision in 28 locations across APAC, Europe, North America, South America, Africa, and the Middle East. All Zenlayer VM locations will soon be made available on zenConsole for instant provisioning.

## Zenlayer Virtual Machine is Available at:



# How Zenlayer Virtual Machine Works

Built on Zenlayer Bare Metal, Zenlayer VMs provide users with high-performance and cost-effective instances that can be deployed in minutes. Users can leverage security groups, network isolation, and load balancing to easily build various applications on Zenlayer VMs, enjoying high scalability and security along with easy operation and maintenance.



## About Zenlayer

Zenlayer ([www.zenlayer.com](http://www.zenlayer.com)) offers on-demand edge cloud services in 280+ PoPs around the world with expertise in fast-growing emerging markets like Southeast Asia, South America, the Middle East, and Africa. Zenlayer's global edge cloud platform gives businesses worldwide connectivity with ultra-low latency that instantly improves digital user experiences.

Contact Us

[www.zenlayer.com](http://www.zenlayer.com)