SurferCloud

Ride the Waves of Global Cloud Tech

SCALABLE, SECURE, AND RELIABLE CLOUD COMPUTING SERVICES

01.

Company Introduction

SurferCloud (SEEDR PHOYON PTE.LTD.)

COMPANY PROFILE

Established in 2021; Headquarter office is in Singapore.

SurferCloud provides scalable, secure, and reliable cloud computing services globally to accelerate digitalization empowered by comprehensive cloud products and solutions.

- **Anonymous Cloud：** No involvement in the customer's personal information, safe and reliable.
- **Self-developed：** Independently developed IaaS, PaaS, and large-scale Artificial Intelligence Model service platform.
- **Comprehensive：** Offers massive computing, security protection, high availability, big data, cloud backup, edge cloud, and hybrid cloud solutions.
- **Customer-first：** 24h*7 full time online support, 30 minutes response time.
- **Globalization：** Operates 16 cloud available zones in 15 countries and regions such as Southeast Asia, Europe, North America, and Africa.

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Dedicated to the Enterprise-level Market with In-house Core Technologies

100+
Cloud services and products
(Some products are pending launch)

2000+
Enterprise-level users

3 years+
Experience in R&D and operation of large-scale public cloud

28
Patent applications

46
100+ employee enterprises in service

50%
R&D personnel

*STATISTICS AS OF JULY 2024

Related Qualifications and Honors

ISO20000

To external customers
Cloud computing service qualification

ISO9001

Cloud computing service quality
Management qualifications

27001

Information Security

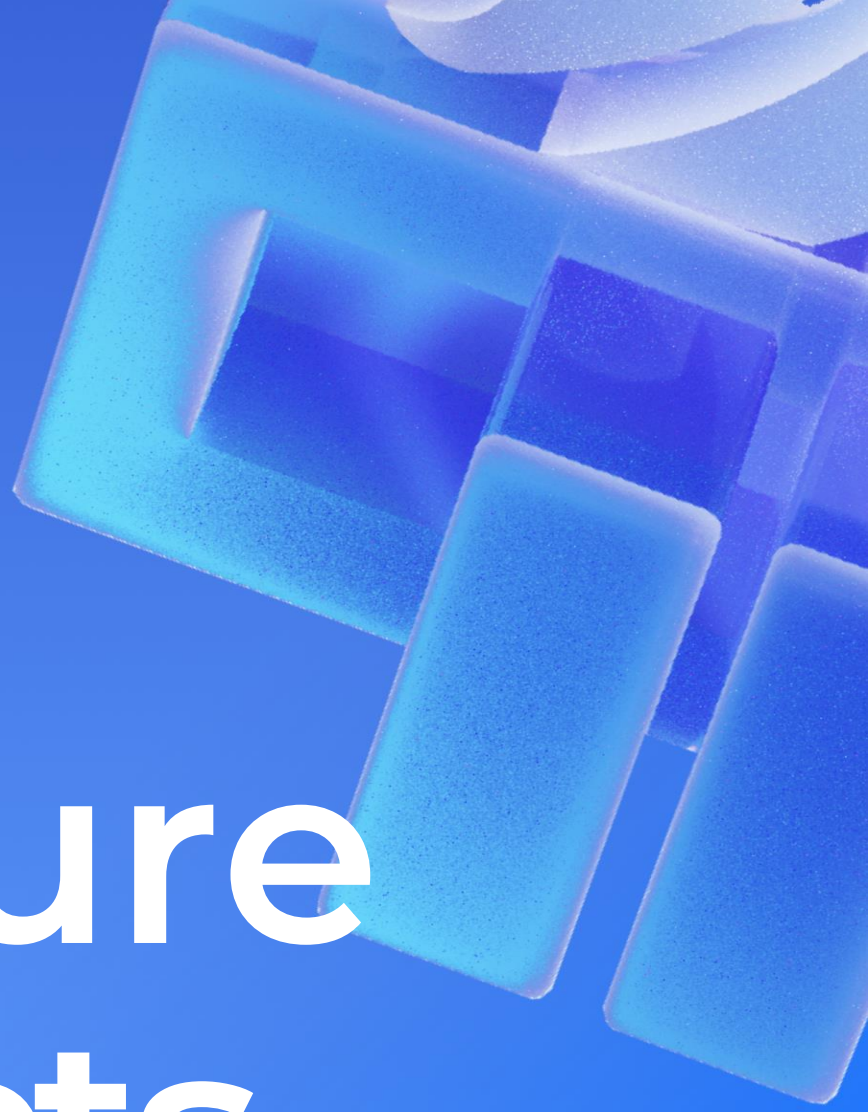
Capability Maturity Model Integration

Cloud Security Alliance

IEEE SmartCloud 2022

02.

Infrastructure and Products



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Fulfilling All Your Requirements through Global Services

15
Regions

16
Availability zones

Worldwide presence ensuring prompt response

Globally consistent service experience

Comprehensive full-stack cloud computing product lineup

Tailored products designed for various industries and scenarios

Extensive operational experience

Agile and swift deployment leveraging extensive project experience

Customer first

Providing 7x24 technical support with a 90-second response time

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SurferCloud Public Product Matrix

Cloud	Computing					
	UHost	BareMetal	ULightHost	UK8S		
	Network					
	Network			Private		Network Acceleration
	UNet	ULB	UVPC	Route Table	IPSecVPN	NAT	PathX
	UDPN	UGN	UWAN	NetworkACL	UNI	VIP	
	Storage					
	UFS			US3		UDataArk
	Database					
	UDB MySQL	UDB MongoDB	UDB PostgreSQL	UDB SQL Server	UMem Memcache	UMem Redis
	Multi-cloud & Migration					
	UDTS			USMC		
	Video					
	UCDN					
	Enterprise Application					
	USSL			HTTPDNS		
	Monitor, Operation, Maintenance					
	UMon			UAPI		UNDT
	Account Mangement					
	UBill	UAccount	IAM	ULog		
	Resource Management					
	Label			UGroup		URM
	Safety Protection					
	UWAF			UDDoS		UHIDS
Data Platform	Data Warehouse					
	UDW Greenplum			UDW Clickhouse		UDW Apache Doris
	Big Data & Middleware					
	UHadoop	ElasticSearch	UKafka	URocketMQ	UDI	
AI	PICPIK					

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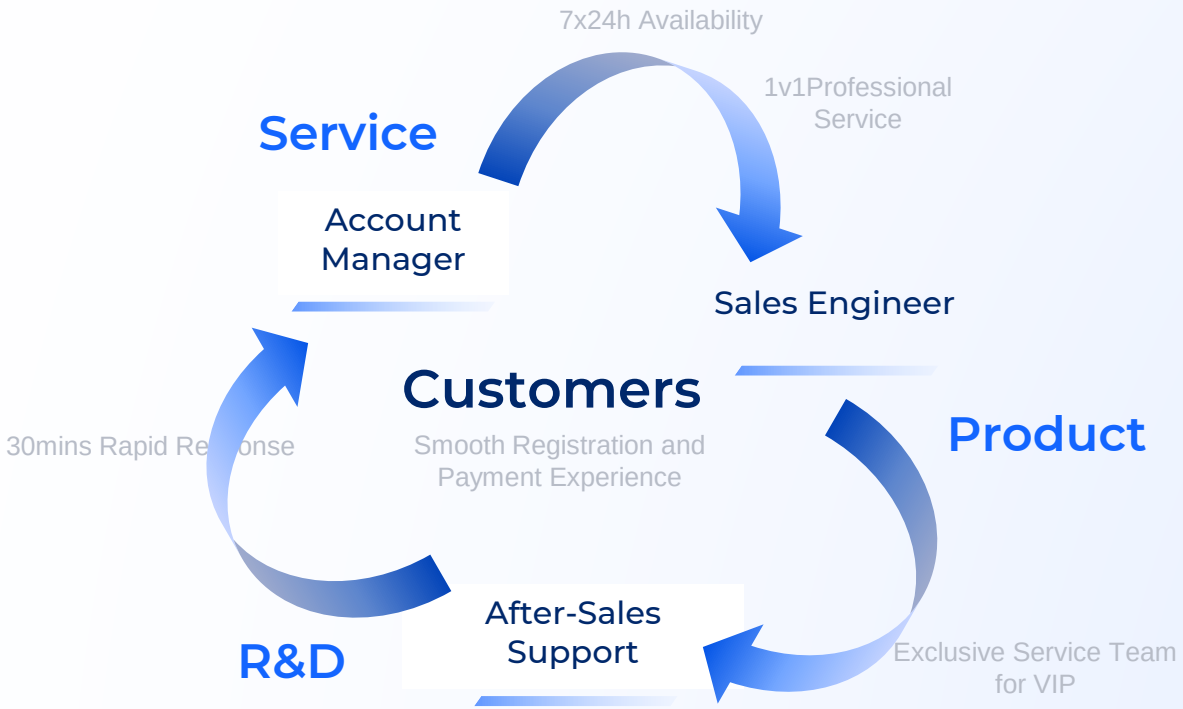
Reliable Service Guarantee, Simple Registration and Payment Methods



24h×7
Availability
Online support

30mins
Rapid Response
Rapid response after-sales problems within 30 minutes

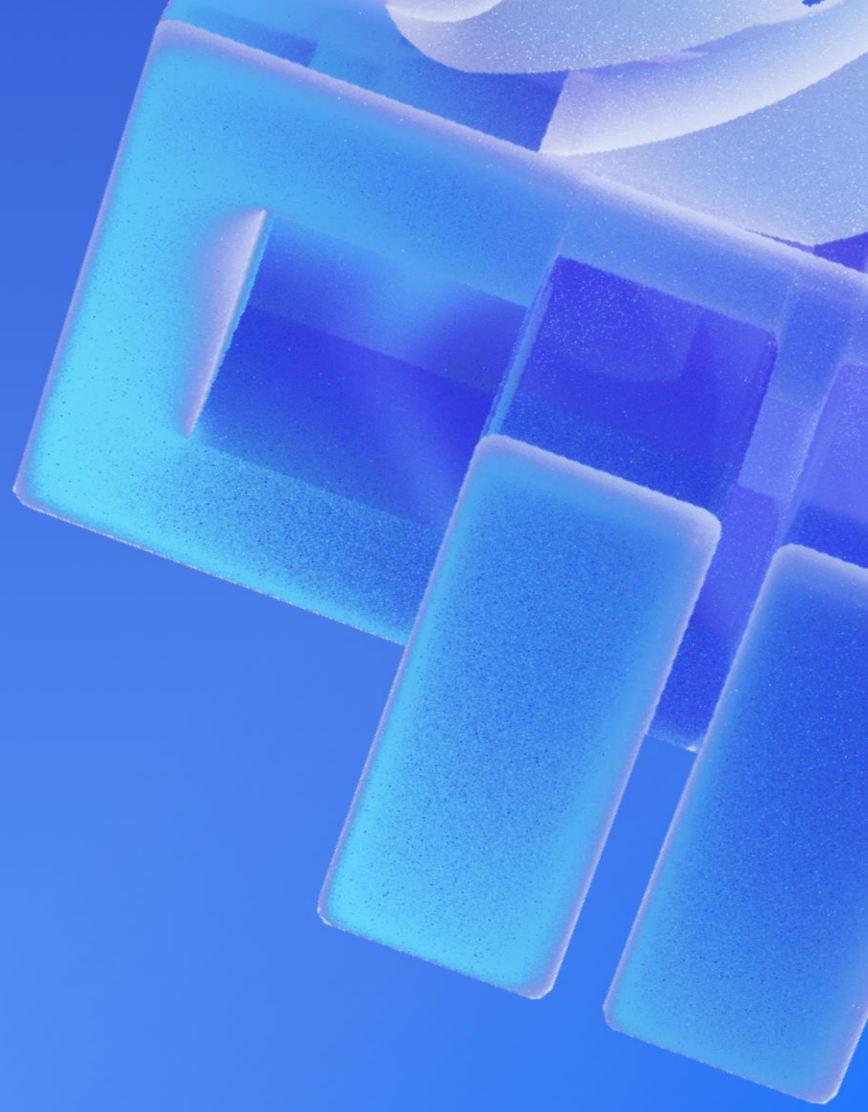
1v1
Professional Service
Professional consultancy service to provide suggestions

VIP
Cloud Support Experts
Dedicated technical service team to enable quicker responses for servere cases

Anonymous
Smooth User Experience
Registration via email only, and payments using credit card and cryptocurrency

03.

Main Products



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Uhost - Scalable Computing Services

Introduction

UHost is the core service of SurferCloud. Some services, such as IP, images, and UDisk, must be used in conjunction with UHost. It provides scalable computing services that can be expanded at any time. Each UHost runs in the form of a virtual machine, with host resources including the most basic computing components such as CPU, memory, and disk.

Features & Benefits

- **16+ globally distributed availability zones**
  covering five continents, high-quality cloud computing
- **Outstanding performance**
  up to 1.2 million IOPS of IO and 10 million PPS of network
- **Commitment to stable and reliable services**
  99.95% availability commitment, supporting kernel hot patching
- **Create in minutes**
  Streamlined host creation steps, empowered by proprietary Blockstreaming technology
- **Online hot migration**
  24/7 uninterrupted online migration
- **Kernel hot patch**
  supporting kernel hot patching technology

Specification

CPU	1Core	2Core	4Core	8Core	16Core	32Core	64Core
Memory	1G, 2G, 4G, 8G	2G, 4G, 8G, 16G	4G, 8G, 16G, 32G	8G, 16G, 32G, 64G	16G, 32G, 64G, 128G	32G, 64G, 128G, 256G	64G, 128G, 256G, 512G
System Disk	20~500GB Cloud Disk RSSD						
Data Disk	20~32000GB × (1~25) Cloud Disk RSSD						
Band-width	1~1000Mbps Dedicated Bandwith or 20~10000Mbps Shared Bandwith						

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ULightHost - Convenient, Efficient Cloud Building Services

Introduction

ULightHost is a lightweight cloud scanerver product, specifically designed to provide convenient and efficient cloud building services for small and medium-sized enterprises and developers. Users build applications with one click, without the need for a complex configuration process, making cloud adoption simpler.

Application Scenarios

Website building | Cross-border e-commerce | Cloud learning | Environment testing

Benefits

Fast Creation

Selling computing, storage, and network resources as bundled packages simplifies the concepts of advanced cloud computing functions and the creation of application systems.

Popular Applications

Pre-install software combinations required for website, blog, and other application systems, making them ready to use out of the box.

Cost Advantage

High-bandwidth traffic packages, offering a high cost-performance ratio by bundling computing, storage, and network resources.

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ULightHost - Convenient, Efficient Cloud Building Services

Plans

Configuration	1Core1G	1Core2G	2Core2G	2Core4G	1Core1G	1Core2G	2Core2G	2Core4G	4Core4G
System Disk	40GB	40GB	60GB	80GB	40GB	40GB	60GB	80GB	100GB
Peak Bandwidth	30Mbps	30Mbps	30Mbps	30Mbps	30Mbps	30Mbps	30Mbps	30Mbps	30Mbps
Traffic Package	200GB	400GB	600GB	800GB	1024GB	1024GB	2048GB	3072GB	3072GB
List Price	$4/Mo	$6/Mo	$7/Mo	$9/Mo	$5.5/Mo	$7.5/Mo	$9.5/Mo	$13/Mo	$26/Mo

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UK8S - Container Management Service for Kubernetes

Introduction

UK8S is a container management service based on Kubernetes. You can deploy, manage, and scale your containerized applications on UK8S without worrying about the setup and maintenance of the Kubernetes cluster itself. It is fully compatible with the native Kubernetes API and is built on SurferCloud's private network, integrating with cloud products such as ULB, UDisk, EIP, and VPC.

Functions & features

Automated cluster deployment and operations

One-click creation of Kubernetes clusters, supporting various specifications of cloud hosts, with dynamic addition and removal of worker nodes.

Deep integration with SurferCloud cloud products

Integrated with UDisk, ULB, VPC, and other cloud products based on Kubernetes extension interfaces.

High availability ensures uninterrupted business operations

Clusters with 3 Master nodes ensure high availability, and nodes and applications support cross-availability zone deployment to guarantee business continuity.

Compatible with native Kubernetes

Fully compatible with community native APIs and CLI, supporting multiple versions and keeping up with the latest community releases.

Fully controllable private clusters

Tenant isolation between different user clusters, with cluster resources visible to users and fully transparent.

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UNet - Basic Network Resource Service Package

Benefits

Multiple billing options

Fixed bandwidth billing, billing by flow, postpaid billing, and shared bandwidth billing methods.

On-demand flexible bandwidth

Purchasing bandwidths by hour, month or year, and upgrade, downgrade or release bandwidth or switch billing.

Functions & features

Elastic Internet IP Address

To be bound or unbound with cloud resources freely.

AnycastEIP

Allowing visitors to access services from the nearest declared entry to reduce public network jitters and delays.

Bandwidth package

Automatically enabling or temporarily improving EIP bandwidth based on specified activation time or period.

Shared bandwidth

A bandwidth mode where multiple EIPs share the total network bandwidths.

Internet firewall

Independent configurable software firewall function binds to cloud resources, which achieves simplified control and management of public traffic and sufficient protection for cloud resources.

IPv6 conversion

Generating a corresponding IPv6 address for the existing IPv4, converting IPv6 access traffic into IPv4 traffic. Then, external users will gain IPv6 access without changing the existing IPv4 network architecture.

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UDisk - Persistent Storage Space for UHost

Introduction

UDisk is a block disk with persistent storage space for UHost. UDisk features independent lifecycle and distributed networking, which can provide high data reliability and scalable hard disk for UHost.

Functions & features

Elastic Scaling

The size of every UDisk ranges from 10GB to 32TB, and a single cloud host can be expanded to tens of TBs by mounting multiple UDisks. It enables rapid data creation, loading and on-demand scaling at any time.

High data availability

All UDisk data have redundancy backup in the backend and can realize real-time synchronization, preventing influences from standalone failures.

Independent and persistent

UDisk can be mounted onto any cloud host, regardless of their perspective lifecycle, meaning its data remains and can be mounted onto another cloud host for access even when the cloud host is deleted.

Backup and recovery

Users can perform snapshot backup operations on data before storing them, which allows data restoration by snapshot points at any time. Data within the past 24 hours can be backed up at a second-level granularity.

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US3 - Mass File Storage Services

Introduction

US3 (formerly UFile) is a service that allows for cloud storage of unstructured files for Internet applications. Users can realize online file access and management via browser, HTTP RESTful API, SDK, and other methods. US3 offers on-demand cloud storage and supports unlimited capacity expansion, which helps users reduce the storage costs of massive files. It also supports high concurrency access to hot data, thus improving the end-user experience.

Application Scenarios

Massive Data Archiving and Backup

Big Data Analysis

Content Distribution and Data Sharing

Native Cloud App Connection

Multimedia Processing

Features & Benefits

Stable and Reliable Storage

Low-cost Elastic Storage Space

Versatile Cloud Application Scenarios

Streamlined and Efficient Service Access

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UDB - Database Services Based on Cloud Computing

Introduction

SurferCloud database services based on cloud computing technology offer an efficient, flexible, and scalable solution suitable for businesses of all sizes. UDB has four sub-products classified by database type:

UDB MySQL

UDB MongoDB

UDB PostgreSQL

UMem Redis

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UCDN - Optimized and Accelerated Networking Experiences

Introduction

UCDN (SurferCloud Content Delivery Network) can distribute the accelerated contents of users to over 200 service nodes and then carry out intelligent scheduling and buffering and calculate the nearest access nodes to provide optimized and accelerated networking experiences for users. Here is the distribution of UCDN global nodes:

Features & Benefits

- Monitoring Data Analysis
- Ease–to-use and Open API Supported
- Multi-application Scenarios
- Security Protection

SurferCloud Security Protection Suite

Introduction

UWAF serves as the sole entry and exit point for information between customer requests and web applications. It can control (allow, deny, monitor) the flow of information in and out of the network based on different enterprise policies and has strong attack resistance capabilities. UWAF can address the following issues: web page tampering, network CC attacks, website access management, and basic website protection (scanning, OWASP TOP 10, etc.).

Users can configure the **UDDoS** service to automatically and quickly defend against attacks such as SYN Flood, ACK Flood, ICMP Flood, UDP Flood, NTP Flood, SSDP Flood, and DNS Flood, ensuring the stability and reliability of the origin server.

UHIDS (Host Intrusion Detection System) is an application running on the host, designed to enhance overall host security, reduce current security risk events faced by the server, and provide operations and administrators with an easier way to manage host security, acting as a personal security steward!

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THANKS