

UCloudStack Virt

Secure, Stable, and Reliable Virtualization Platform

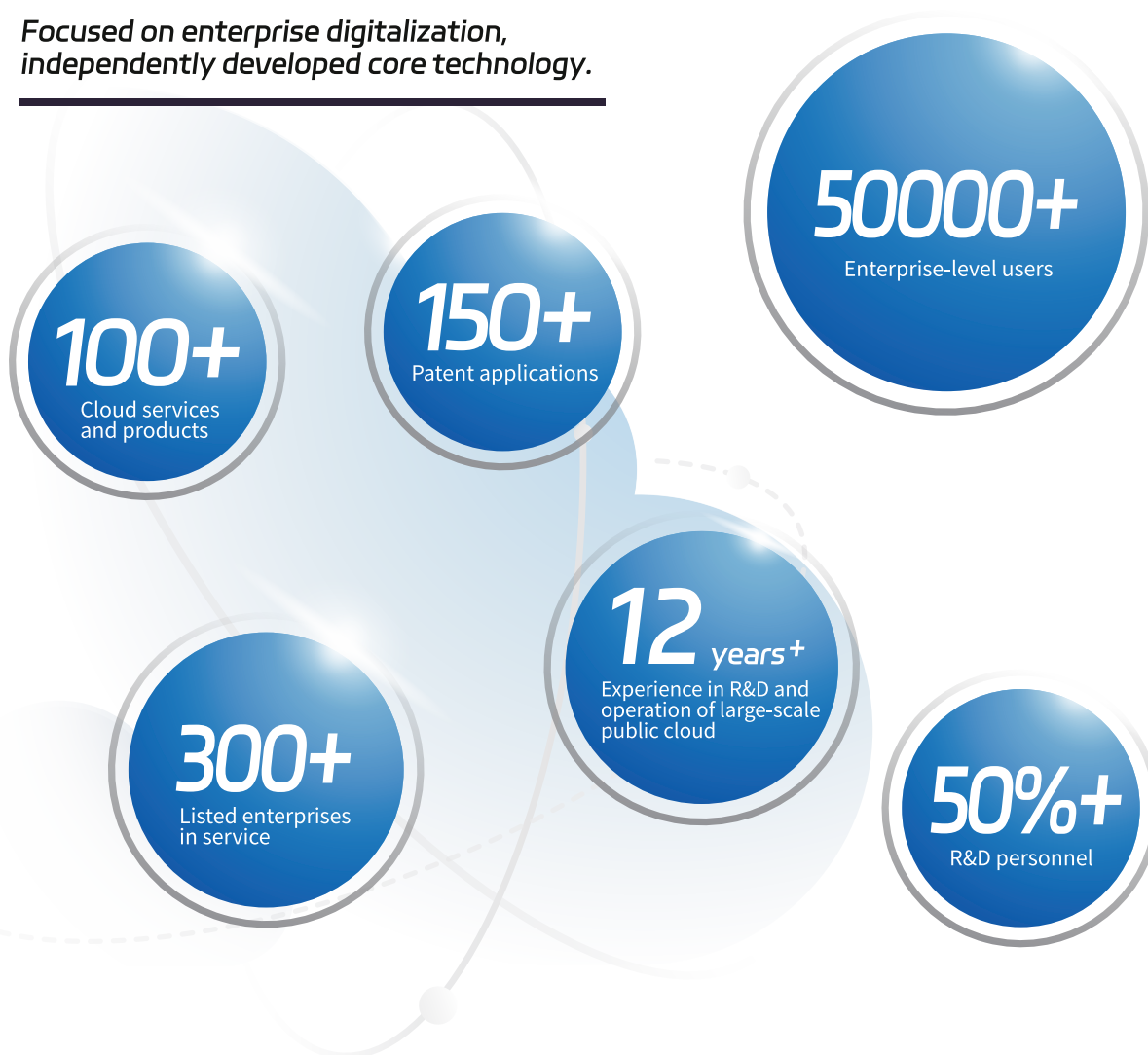
01 Company Introduction

Becoming a respectable cloud computing company, Empowering visionaries to drive human progress through cloud computing.

UCloud (UCloud Technology Co., Ltd.) is a neutral and secure computing service platform. We independently developed IaaS, PaaS, and the SafeHouse big data exchange platform, along with various AI terminals and service platforms. Continuously achieving breakthroughs in key and core technologies, UCloud offers a comprehensive range of cloud products, including public, private, hybrid, and edge cloud solutions. Catering to users in diverse sectors such as industrial internet, education, healthcare, retail and finance etc., UCloud aims to accelerate digital transformation and innovation, enhance total factor productivity, and advance industry digitalization and digital industrialization.

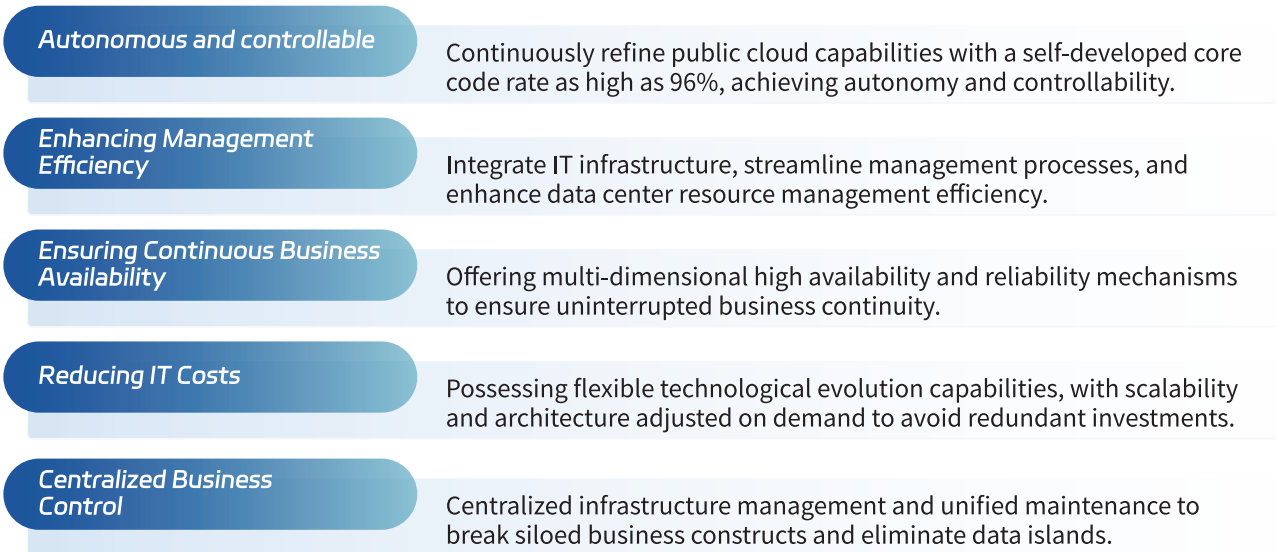
UCloud operates 31 cloud available zones globally, spanning 24 countries and regions such as China, Southeast Asia, Europe, North America, South America, and Africa, These data centers form the foundation of UCloud's digital information infrastructure, characterized by its seamless integration of cloud and network, security and stability, intelligent agility, and environmental sustainability.

Focused on enterprise digitalization, independently developed core technology.

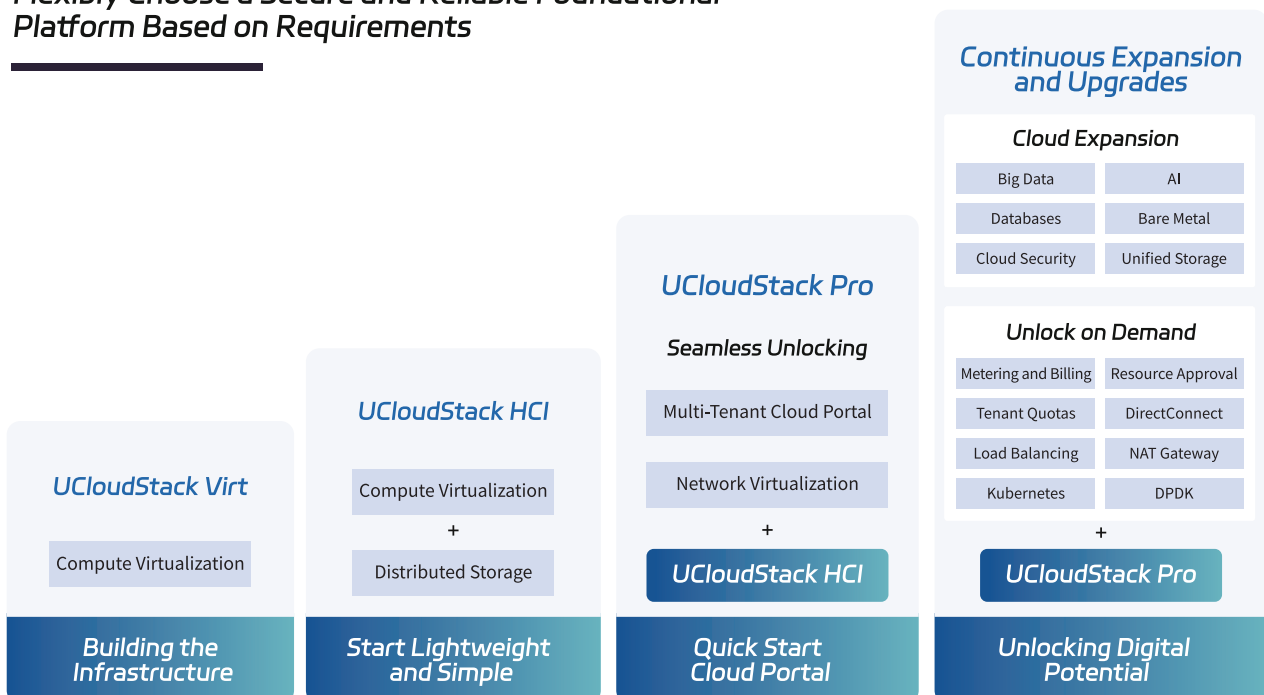


02 UCloudStack Virt Virtualization Platform

Virtualization Platform with Low Entry Barrier

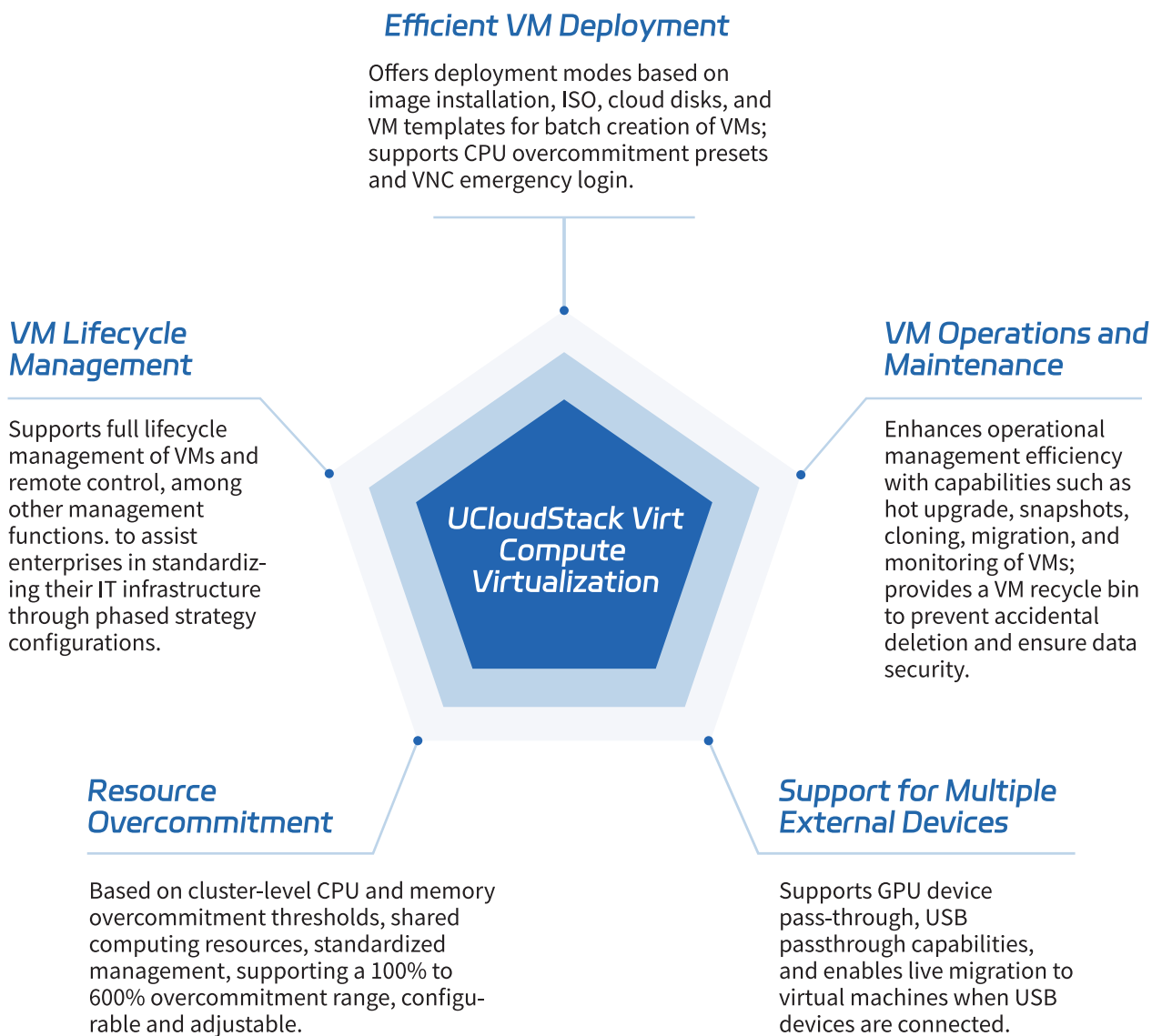


Flexibly Choose a Secure and Reliable Foundational Platform Based on Requirements



03 UCloudStack Virt Compute Virtualization

Mature Compute Virtualization Capabilities



04 UCloudStack Virt Compute Virtualization

Unleashing Computing Power Potential, Cost Control with Instant Results



Unleashing Computing Power Potential, Significant Cost Reduction



Cost Reduction of 70%



Electricity Consumption Reduced by 50%



12 Years of Public Cloud Capability Depth



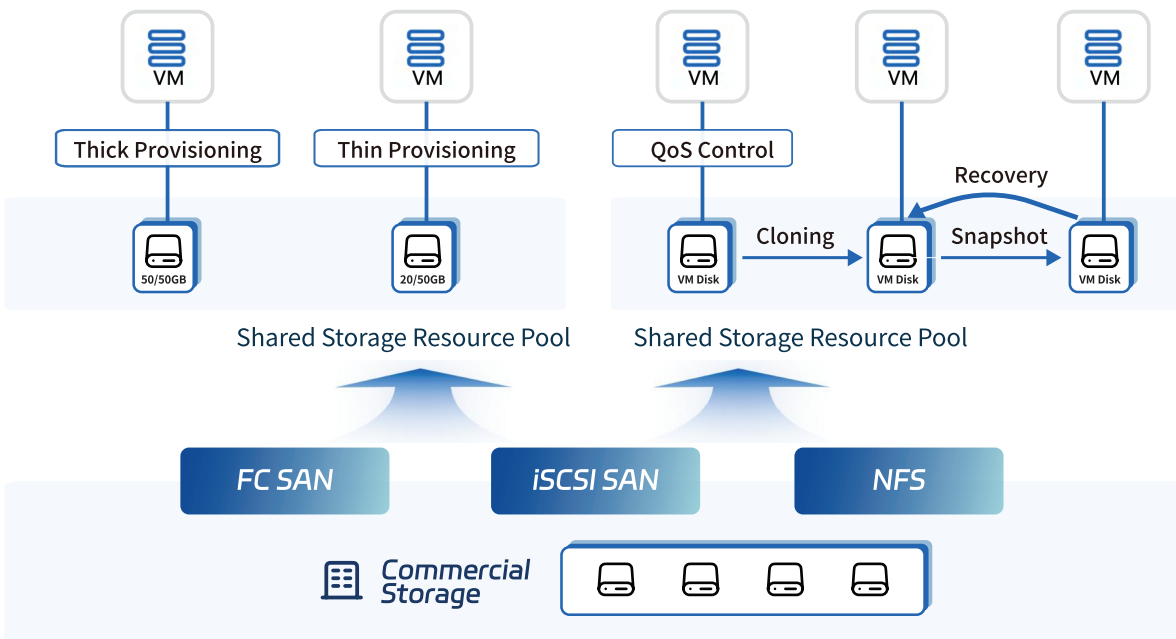
Self-Developed Core Code Rate Reaches 96%

05

UCloudStack Virt Storage Pool Management

Unified Shared Storage Pool for Stable Business Operations

- Shared Storage Resource Pool** Supports unified management of various storage types, masking differences between different storage solutions.
- Support for Multiple Storage Protocols** Provide iSCSI SAN, FC SAN, and NFS storage protocols, supporting the reuse of existing storage.
- Efficient Storage Resource Management** Supports automatic scanning, unified management, and formatting of storage devices.
- Disk Provisioning Policy Support** Supports both thin provisioning and thick provisioning strategies to improve storage capacity utilization.
- Storage QoS Control** Allows for setting IO policies for each virtual disk, providing a fine-grained storage performance management mechanism.
- Snapshot Cloning Mechanism** Supports snapshot cloning to protect business data security.



06 UCloudStack Virt Distributed Network

Upgradable Virtual Network, Simplified Network Configuration, Enhanced Security

Distributed Network Architecture

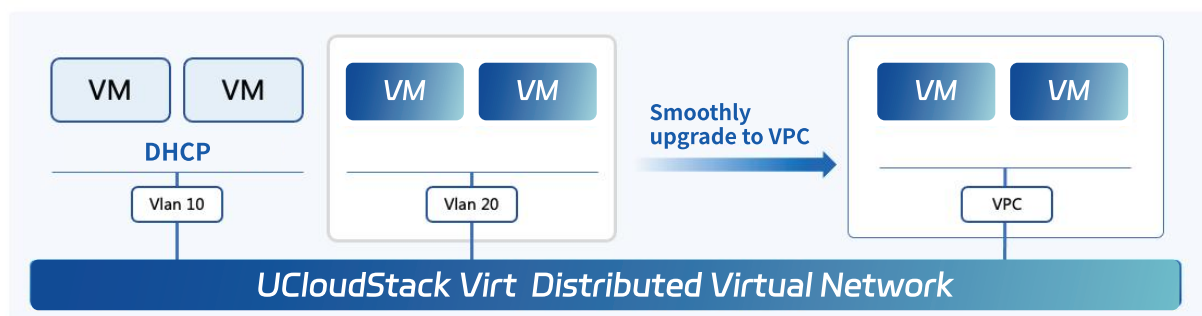
Distributed Network Forwarding Mechanism, Global Network Strategies, Simplified Configuration, and Enhanced Network Performance.

VLAN Network Isolation

Seamless integration into the enterprise's internal network, supporting virtual machines to smoothly transition from VLAN networks to the VPC cloud environment.

Dynamic IP Address Allocation

Supports IPv4 / IPv6 dual-stack IP distribution and DHCP services, offering a comprehensive network access solution.



Refined Network Security Strategy

Fine-Grained Access Control

VM-based network access control, multi-dimensional definition of security rules, precise traffic filtering.

Dynamic Security Policy Adjustment

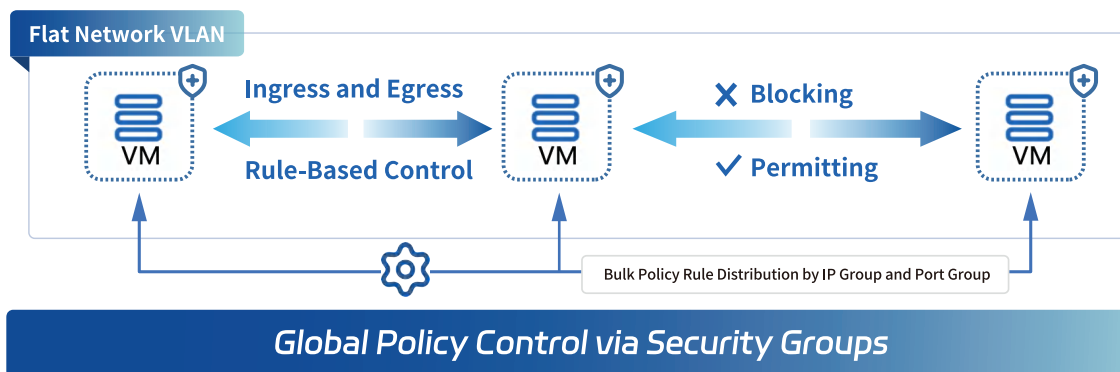
Dynamically adjust rules, execute strategies on demand, without interrupting virtual machine instances, making policy adjustments seamless.

Security Policies Tied to Virtual Machines

Real-time security policies follow virtual machines to ensure their network security, with a one-time configuration that remains effective indefinitely.

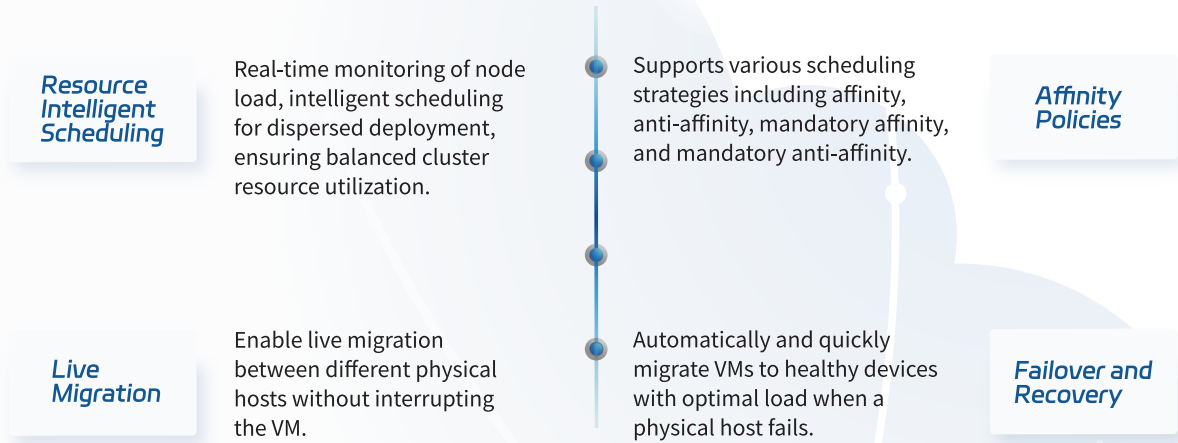
Efficient Management through Bulk Configuration

Manage security policies in bulk, with support for condition-based bulk binding of network targets for efficient management.

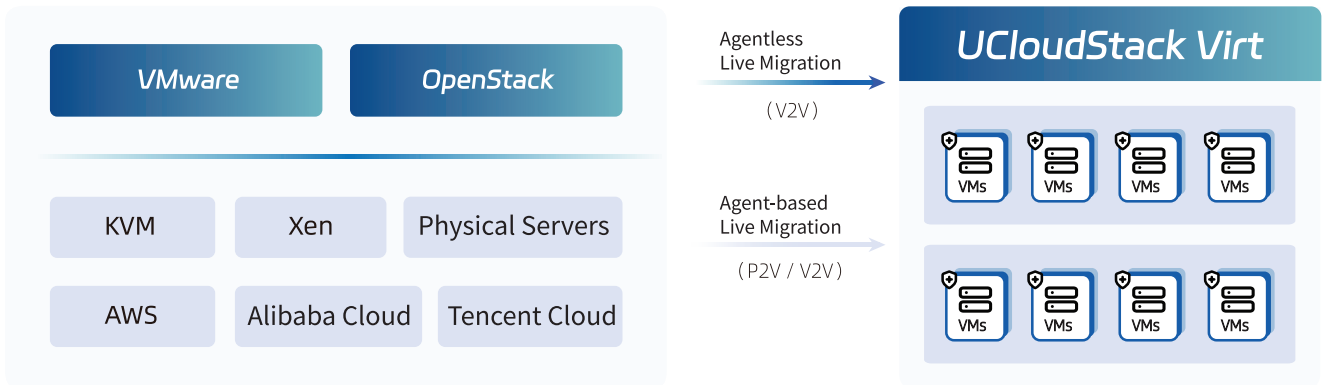


07 UCloudStack Virt High Availability and Smooth Upgrade

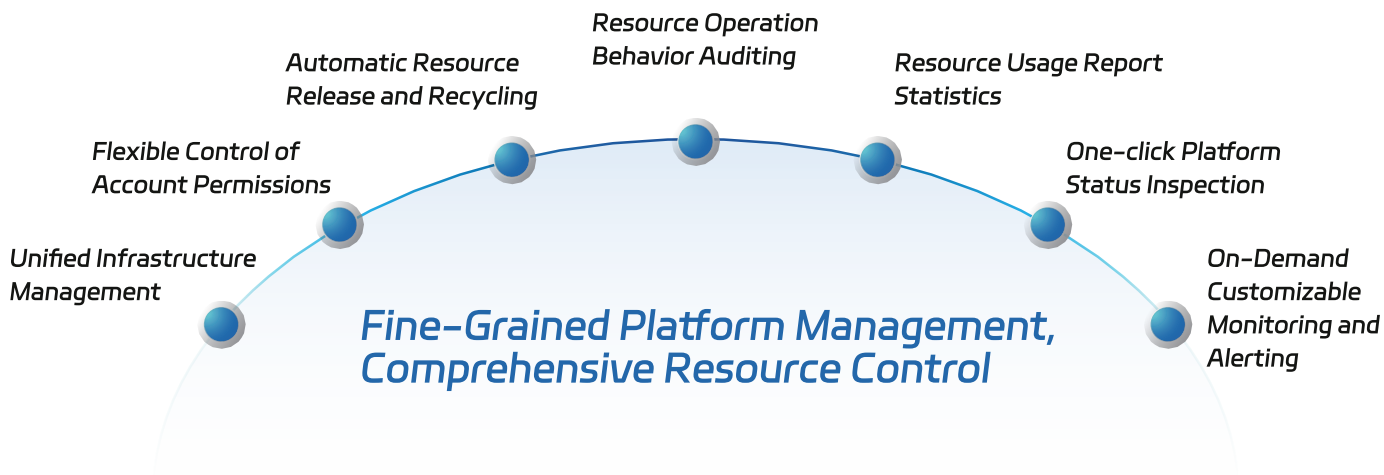
Rich Reliability Features Ensure Business Continuity



Smooth Migration in Heterogeneous Environments

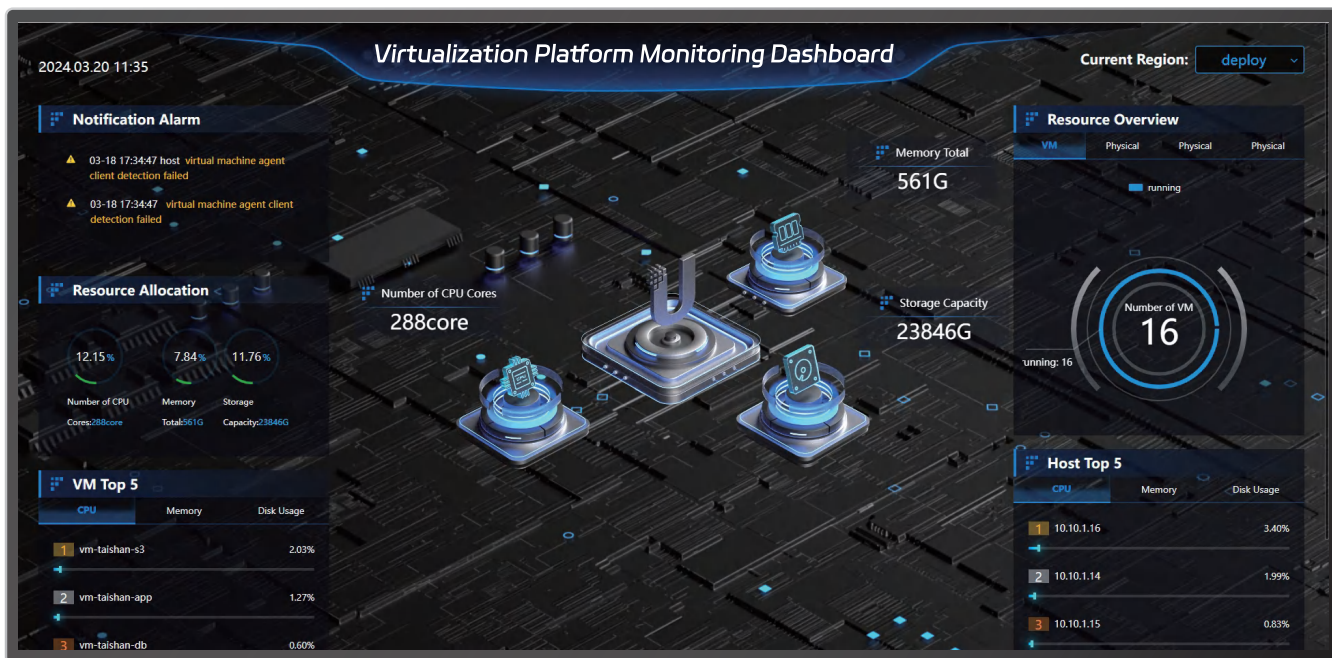


08 UCloudStack Virt Unified Management Platform



An impressive large screen displays key monitoring data, making platform status and operational management clearly visible.

Important notifications, alert messages, TOP displays of multi-type key resource consumption, dynamic resource optimization suggestion tips.



09

UCloudStack Virt Efficient Delivery and Use Cases

A Rich and Flexible Delivery Model to Help Enterprises Quickly Build Infrastructure



**Virtualization Appliance
Delivery**

Completed in as fast as 2 hours



Pure Software Delivery

Supports thousands of nodes in a cluster

Comprehensive and reliable service guarantee

30mins

Rapid Response
within 30 Minutes

7x24h

7x24-Hour Online
Support

VIP

Enjoy Professional
VIP Service

1v1

Business Expert 1v1
Dedicated Service

Usable Scenarios

**Software-Defined Data
Center Scenarios**

Unify the management of large-scale infrastructure resources, pool computing and storage resources to meet the business application needs of on-demand control, ease of expansion, and ease of maintenance. Build a stable, reliable, and high-performance overall solution for the data center.

Server Reutilization

Supports reutilization of existing servers, enabling easy expansion into a compute resource pool, flexible control over resource usage, and seamless integration with existing networks, commercial storage, and other infrastructure.

VMware Replacement

Replace VMware virtualization solutions to ensure business continuity, with options to choose UCloudStack Virt, UCloudStack HCI, or UCloudStack Pro on demand, gaining access to IaaS, PaaS, and cloud security services. Reduce costs, not just replacing but surpassing as well.

10

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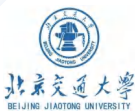
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Product Website
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