

# Sangfor Cloud Platform

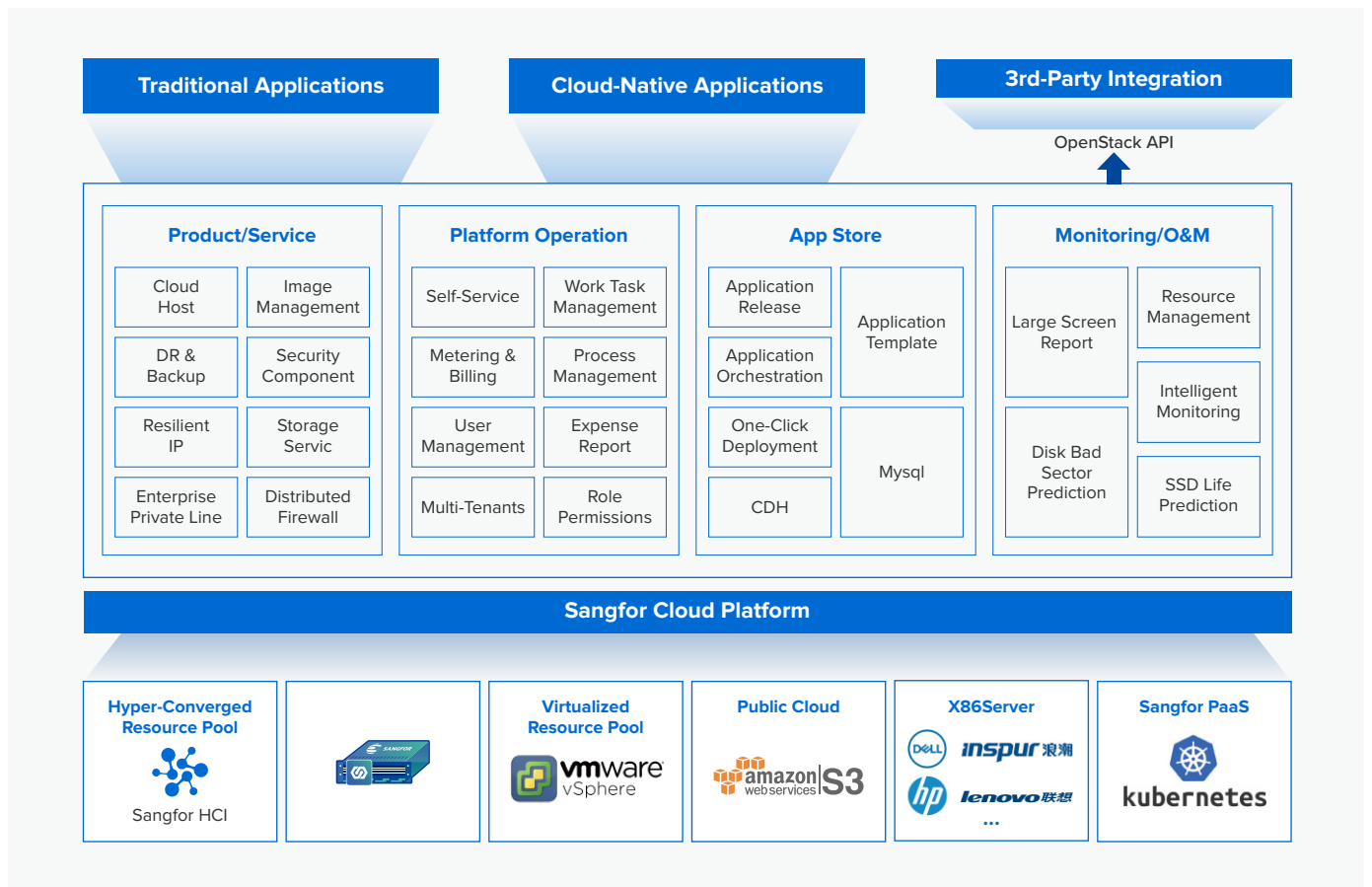


## Product Overview

Sangfor Cloud Platform (SCP) is a full-stack cloud management platform. It can uniformly manage multiple heterogeneous resources such as X86 clusters, ARM clusters, virtualization platforms, and public clouds. It can also provide users with a rich catalog of cloud services, covering basic IaaS services such as compute, storage, network and security, as well as PaaS services such as containers, DevOps and microservices. SCP has integrated advanced technologies like AI and big data to help users from all industries in their digital transformation.



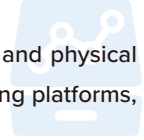
## Product Architecture



## Features

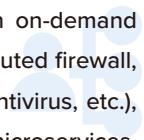
### Unified Resource Management

Sangfor Cloud Platform, as a unified resource management platform, can manage Sangfor HCI, VMware and physical servers. Users can easily conduct cloud host creation, power-on/off and backup operations without switching platforms, simplifying user experience and greatly improving O&M efficiency.



### Rich Service Catalog

Sangfor Cloud Platform turns the underlying IT resources into cloud services and provides users with on-demand applications. IaaS cloud services currently provided include: X86/ARM cloud hosting, block storage, distributed firewall, virtual security components (virtual firewall, application delivery, Internet access management, terminal antivirus, etc.), elastic IP, enterprise private line, hosting, physical Machines and PaaS services such as containers, microservices, DevOps, and application orchestration.

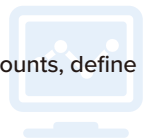


### Mature Operating System

Sangfor Cloud Platform has a complete set of operating systems such as multi-level user system, work tasks process, resource metering and billing, and consumption report export, to realize the O&M of cloud resources.

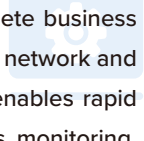
The admin has the ability to monitor, allocate and recycle all cloud resources, create subordinate tenant accounts, define approval procedures, and price the cloud resources.

Tenants can apply for cloud resources through work orders to quickly complete the creation and management of cloud hosts. They can also visually see the consumption of cloud resources (within a specific period of time) according to the consumption reports.



### Intelligent O&M Service

Sangfor Cloud Platform provides an intelligent O&M platform including intelligent monitoring, alarm management and other functions. It realizes the automatic collection of hardware and logical resources, and build a complete business topology system; quickly obtain the monitoring overview of the physical and virtual resources of the entire network and data center. It has rich monitoring indicators and sophisticated alarm strategies, 3D graphics modeling enables rapid positioning of fault resources and provides customers with an intelligent O&M platform that integrates monitoring, warning, and prediction.



### Self-Service Portal

Sangfor Cloud Platform provides tenants with a self-service portal. After logging in to the platform, they can apply, use and manage cloud services such as IaaS and PaaS.



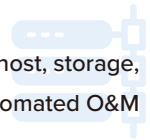
### Converged Security Capabilities

Sangfor Cloud Platform integrates Sangfor's entire category of virtualization security components and cloud security resource pool capabilities to build a closed loop of prevention, detection, defense and response, providing complete security protection for the cloud platform and tenant business systems on the cloud, and it has the ability to uniformly issue security services and apply for tenants' self-service.



### Standard Open Interface

Sangfor Cloud Platform provides 60+ standard OpenStack API interfaces, covering multiple types of cloud host, storage, network, mirroring, monitoring, etc., which can be connected to users' third-party cloud management or automated O&M platform, integrating with organization's existing IT management.



## Highlights



### Full-Stack Service Carrying

It supports the carrying of traditional applications and cloud-native applications and provides features such as high availability of cloud hosts, cross-data center backup, and disaster recovery in the same city to protect business continuity. Through the service-based access of ISV applications, it can quickly adapt to the customer's scenario-based business demands.



### Full-Stack Cloud Service

It provides multiple types of IaaS cloud services such as cloud hosting, image management, and heterogeneous resource management to support the cloudification of core applications. At the same time, it also provides PaaS and other services to support customer's transformation to innovative applications.



### Full-Stack Resource Management

Supports unified management of X86 servers and ARM servers, supports Kunpeng and Feiteng CPUs; the resource layer supports management of VMware and containers to achieve unified management and O&M of multiple resources.

## Typical Scenarios



### Data Center Construction/Renovation

Through the integration of resource management and unified resource scheduling, it solves the problems of high investment cost, heavy O&M workload, and poor scalability of data centers, protects IT investment and improves O&M efficiency.



### Business System Construction/Renovation

Construction/renovation of traditional business has issues such as high IT resource investment cost, slow business launch and complex expansion. SCP creates a more economical, flexible, efficient and flexible IT innovation through resource pooling and flexible business orchestration, empowering business innovation and development.



### Branch Cloud Construction

Solve the problems of decentralized autonomy of secondary branches in the process of the group's informatization construction. Through unified construction of a private cloud platform, it integrates with organization processes, work orders, and resource applications to build a service-centric management system, quickly and conveniently deliver cloud resources to secondary branches.



### Homogeneous Hybrid Cloud

Support the unified management of Sangfor private cloud and Sangfor Managed Cloud resource pools, establish a Homogeneous hybrid cloud for users, truly realize seamless connection between clouds, allowing users to obtain both "stable" and "agile" services.