



Sangfor PaaS Solution

-KubeManager

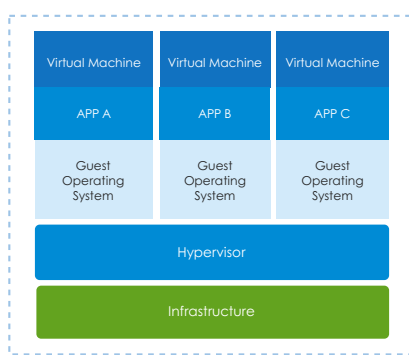
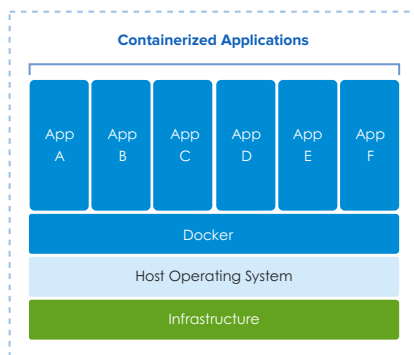




Solution Overview

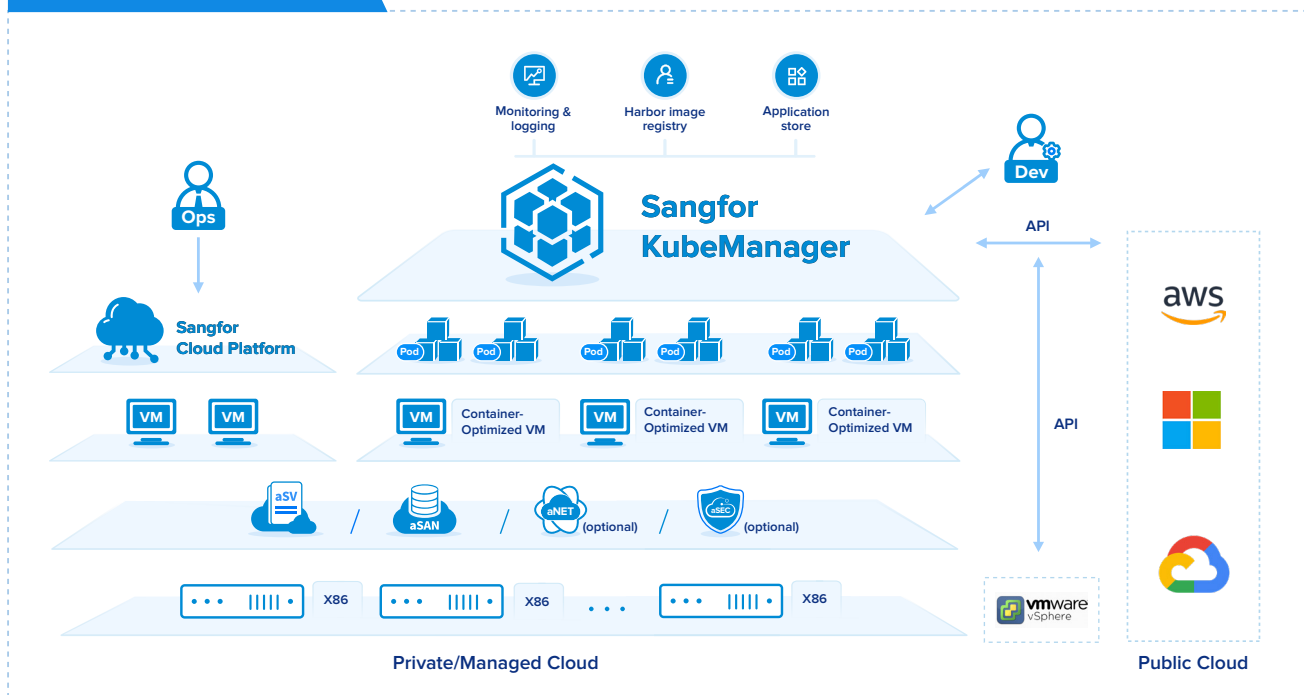
The number of applications that are going to be built in the next five years will exceed the total number of applications that were built in the past 40 years. There's no doubt that most of the new applications will be built on microservices architecture which is more resilient, efficient and agile. Container is deemed to be the optimal choice for running microservices.

In the past few years, Container and Kubernetes have reshaped the landscape of modern applications. Based on the world's most widely adopted container management and orchestration platform Kubernetes, Sangfor provides its PaaS solution to help customers easily build an enterprise-grade Kubernetes platform to run and manage containerized applications with simplicity, security and agility.



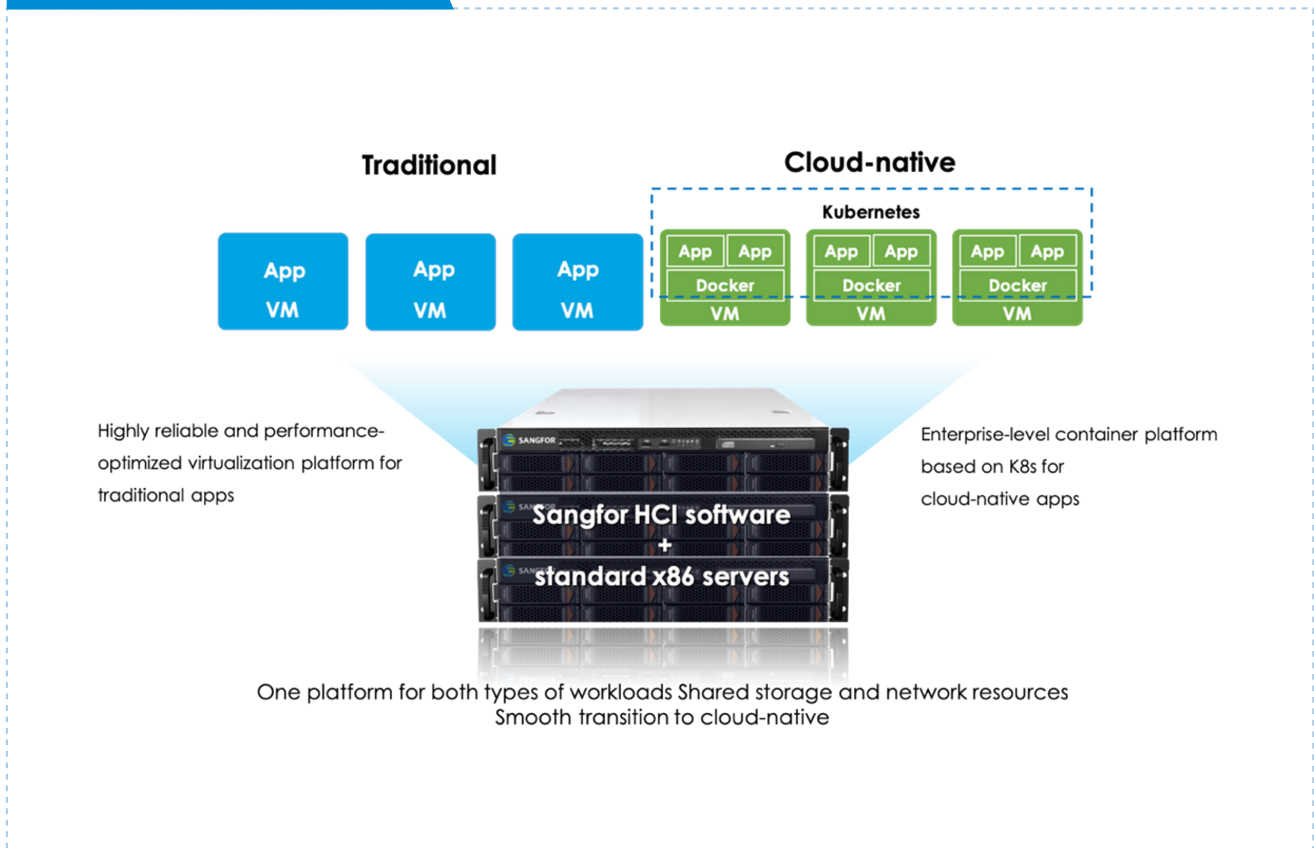
Compared to virtual machine, container consumes much less resource and can be started much more quickly

Overall Architecture





Sangfor PaaS architecture



Deployed on Sangfor's renowned hyper-converged infrastructure platform, Sangfor PaaS extends traditional virtualization to modern containerization. Based on HCI, KubeManager offers comprehensive and unified management for K8s clusters across private, managed and public cloud environments.

Sangfor PaaS Features

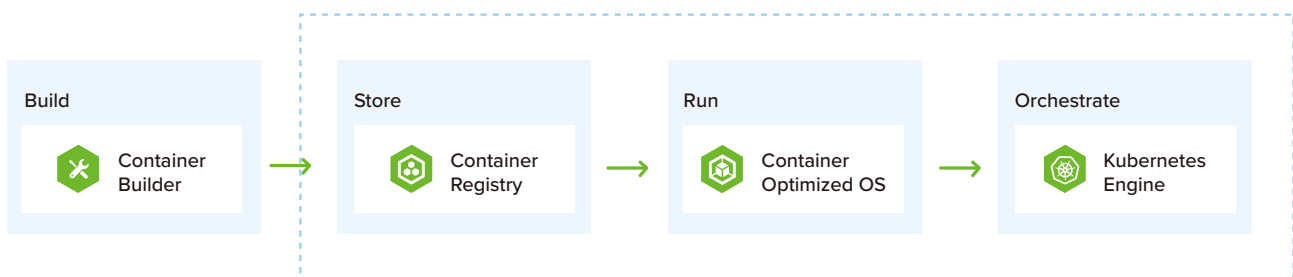
- | | |
|--|---|
| <ul style="list-style-type: none">• K8s multi-cluster management | <ul style="list-style-type: none">• LDAP integration |
| <ul style="list-style-type: none">• Declarative management | <ul style="list-style-type: none">• Automated rollouts and rollbacks |
| <ul style="list-style-type: none">• Horizontal Pod auto-scaling | <ul style="list-style-type: none">• Logging |
| <ul style="list-style-type: none">• Monitoring & alerting | <ul style="list-style-type: none">• Harbor image registry |
| <ul style="list-style-type: none">• App store | <ul style="list-style-type: none">• CSI (container storage interface) |
| <ul style="list-style-type: none">• Canary release | <ul style="list-style-type: none">• Multi-tenancy |
| <ul style="list-style-type: none">• And more... | |



Use Cases

Sangfor PaaS is designed to store container images, run containers and manage containerized workloads. Together with HCI, Sangfor PaaS targets the following use cases:

1. New containerized application deployment in addition to existing VM workloads
2. Refactoring existing VM-based applications to containerized applications with smooth transition
3. DevOps support, Sangfor PaaS streamlines DevOps process with the help of 3rd party tools such as Jenkins



Solution Values



Unified Platform



Lifecycle Management



Secure



Cost-Effective

- IaaS+PaaS, unified platform for both VMs and containers, offering smooth transition from VMs to containers
- Easy lifecycle management for traditional and cloud-native workloads
- Highly secure: provide image scanning and reuse security capabilities on HCI
- Cost-effective: start from 2 nodes and scale out on demand

SANGFOR PaaS (Platform as a Service)

SANGFOR INTERNATIONAL OFFICES

SANGFOR SINGAPORE

8 Burn Road # 04-09, Trivex,
Singapore (369977)
Tel: (+65) 6276 9133

SANGFOR HONG KONG (CHINA)

Unit 04, 6/F, Greenfield Tower, Concordia Plaza, No.1 Science
Museum Road, Tsim Sha Tsui East, Kowloon, Hong Kong
Tel: (+852) 3427 9160

SANGFOR INDONESIA

MD Place 3rd Floor, Jl Setiabudi No.7, Jakarta Selatan
12910, Indonesia
Tel: (+62) 21 2966 9283

SANGFOR MALAYSIA

No. 47-10 The Boulevard Offices, Mid Valley City, Lingkaran
Syed Putra, 59200 Kuala Lumpur, Malaysia
Tel: (+60) 3 2201 0192

SANGFOR THAILAND

6th Floor, 518/5 ManeeYa Center Building, Ploenchit Road,
Lumpini, Patumwan, Bangkok, 10330 Thailand
Tel: (+66) 22517700

SANGFOR PHILIPPINES

7A, OPL Building, 100 Don Carlos Palanca, Legazpi, Makati,
122 Metro, Manila, Philippines.
Tel: +63(0) 9175081244 / +63(0) 9171179346

SANGFOR VIETNAM

OTX2-0327 Sunrise City, 27 Nguyen Huu Tho,
Tan Hung Ward, Dist. 7, HCMC, Vietnam.
Tel: (+84) 28 62700133

SANGFOR SOUTH KOREA

Floor 17, Room 1703, Yuwon bldg. 116, Seosomun-ro,
Jung-gu, Seoul, Republic of Korea
Tel: (+82) 2 6261 0999

SANGFOR EMEA

C-80 (C-Wing), Dubai Silicon Oasis HQ Building, Dubai, UAE
Tel: +971-52-9606471

SANGFOR PAKISTAN

D203, Navy Housing Scheme, ZamZamma, Karachi, Pakistan
Tel: +92 3142288929

SANGFOR ITALY

Sede Legale ed Operativa via E. Berlinguer, 9 20834 Nova
Milanese MB Italia
Tel: +393400616767

SANGFOR USA

46721 Fremont Blvd, Fremont, CA 94538, USA
Tel: +1 (510) 573-0715

AVAILABLE SOLUTIONS

IAM

Simplify User & Network Management

NGAF

Smarter Security Powered By AI

Endpoint Secure

The Future of Endpoint Security

Cyber Command

Powerful Intelligent Threat and Detection Platform

SD-WAN

Boost Your Branch Business With Sangfor

WANO

Enjoy a LAN Speed on your WAN

HCI

Driving Hyperconvergence to Fully Converged

aCLOUD

Enterprise Cloud Built on HCI

VDI

Ultimate User Experience that Beats PC

SIER

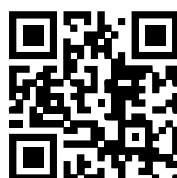
Sangfor Intelligent Edge Router

ACCESS

Cloud-based SASE for Branch Offices & Remote Users

PaaS

Platform as a Service



www.sangfor.com

Sales : sales@sangfor.com

Marketing : marketing@sangfor.com

Global Service Center : +60 12711 7129 (or 7511)

Our Social Networks :



<https://twitter.com/SANGFOR>



<https://www.linkedin.com/company/sangfor-technologies>



<https://www.facebook.com/Sangfor>



<https://plus.google.com/+SangforTechnologies>



<http://www.youtube.com/user/SangforTechnologies>