

Vinchin & Sangfor: High-performance Agentless Backup Solution for Sangfor HCI/SCP

Vinchin and Sangfor have joined forces to deliver backup and disaster recovery solution tailored for Sangfor HCI/SCP. This joint offering combines Sangfor's resilient hyper-converged platform with Vinchin's purpose-built backup technology to provide fast, reliable restores, ransomware-resilient immutability, and simple, scalable protection for mission-critical virtual workloads.

Contents

| | | |
|--|-------|----|
| About Vinchin | ..... | 1 |
| About Sangfor | ..... | 2 |
| Introducing the background of Sangfor HCI Backup | ..... | 3 |
| Vinchin x Sangfor partnership | ..... | 4 |
| Vinchin's backup solution for Sangfor HCI/SCP | ..... | 5 |
| Vinchin's Basic Features | ..... | 6 |
| Vinchin's Advanced Features | ..... | 7 |
| Vinchin x Sangfor Partnership | ..... | 8 |
| Customer Benefits | ..... | 9 |
| Customer Story: Zhongshan Lanju | ..... | 10 |
| Customer Story: The University of Lahore | ..... | 11 |
| Summary | ..... | 12 |
| Contact Sangfor | ..... | 13 |
| Contact Vinchin | ..... | 14 |

About Vinchin

Vinchin was founded in 2015 and began with a focus on virtual machine backup. Over time we have developed into a backup expert for various types of enterprise workloads — including VMs, databases, cloud and physical servers — with a focus on reliable protection, fast recovery, and easy management.

50+

Industries

170+

Countries

+30K

Clients

+6M

Protected VMs

Gartner®
Peer Insights™

VINCHIN Recognized Higher Performer in Gartner® Peer Insights™ "Voice of the Customer" Report for Enterprise Backup and Recovery Solutions

4.9/5



Willingness to Recommend

4.9/5



Product Capabilities

4.9/5



Deployment Experience

4.9/5



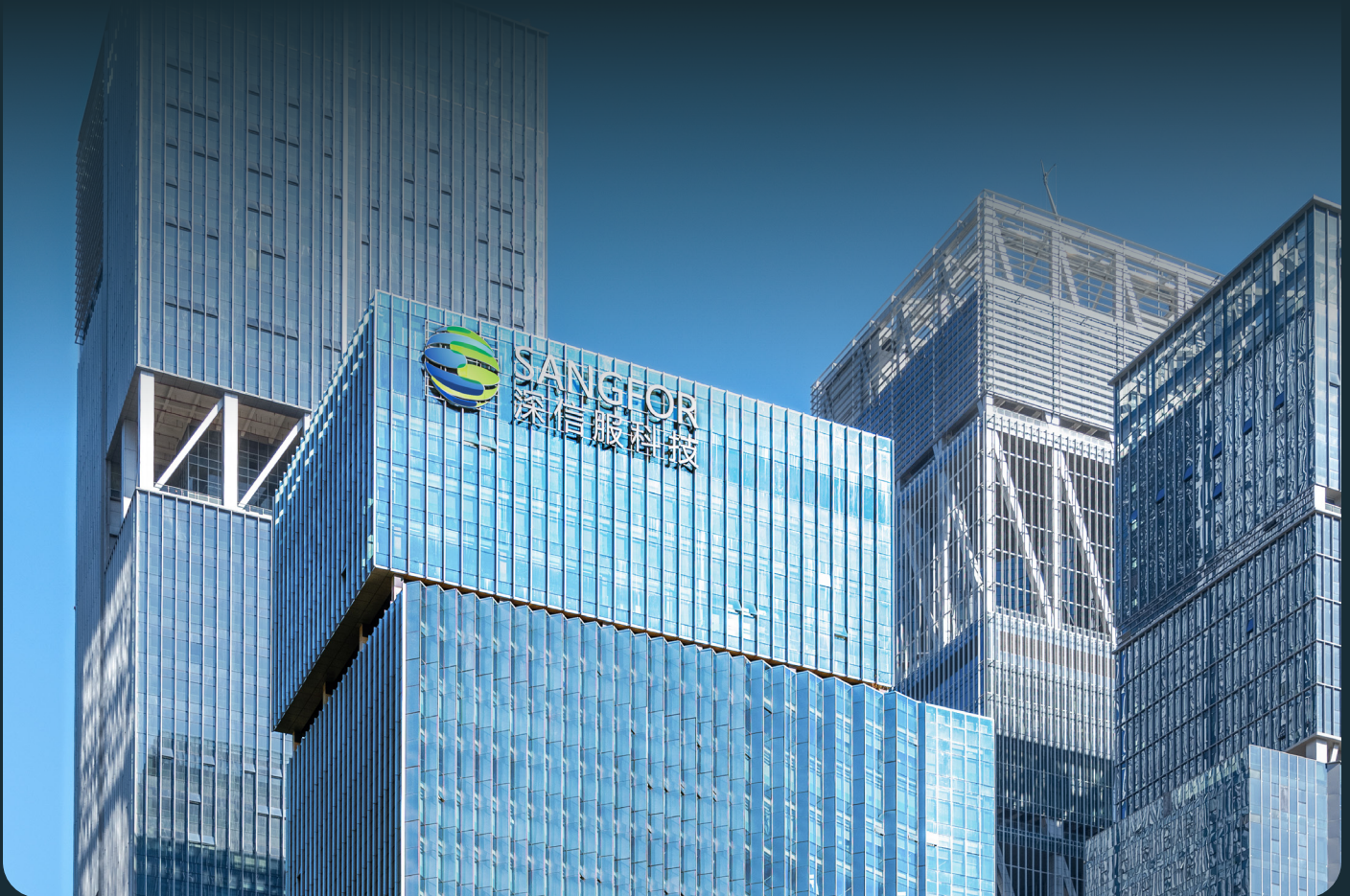
Support Experience

All-in-One Backup Solutions



| About Sangfor

Sangfor Technologies is a global leader in cybersecurity, cloud computing, and IT infrastructure, providing fully integrated and AI-driven solutions.



Founded in 2000 and publicly listed since 2018 (STOCK CODE: 300454.SZ), Sangfor serves over 100,000 customers worldwide, including 20,000+ organizations using its hyperconverged infrastructure (HCI) solutions – spanning Fortune Global 500 companies, government institutions, universities, and healthcare organizations.

With over 7000 employees and more than 70 branch offices across APAC, EMEA, and LATAM, the company is committed to delivering on its mission to Make Your Digital Transformation Simpler and Secure.

Why protecting Sangfor virtual environments matters?

With the rapid advancement of technologies such as cloud, IoT, AI, and big data, IT environments are becoming increasingly complex—and so are the risks to business systems. Sangfor HCI offers a highly available, integrated platform that simplifies IT operations and includes built-in backup capabilities to help keep workloads running smoothly.

However, even with robust infrastructure and native backup features, a dedicated and independent backup solution can provide an extra layer of protection. In today's landscape, safeguarding only databases or files is no longer sufficient. A complete business system involves hardware, operating systems, applications, and data—any of which can fail due to hardware issues, software errors, human mistakes, cyberattacks, or unpredictable disasters, leading to data loss or extended downtime.

That's why Sangfor HCI deployments can benefit from a well-planned, independent backup strategy to enhance data protection, reduce RTO/RPO, and ensure true business continuity.



Vinchin × Sangfor — Data Protection for Sangfor HCI

Vinchin and Sangfor have formed a strategic partnership to deliver a seamless, high-performance backup and disaster recovery solution for organizations running workloads on Sangfor HCI/SCP. This collaboration combines Sangfor's reliable, highly available virtual infrastructure with Vinchin's advanced, purpose-built backup technology to protect business-critical data from loss, corruption, or malicious attacks.



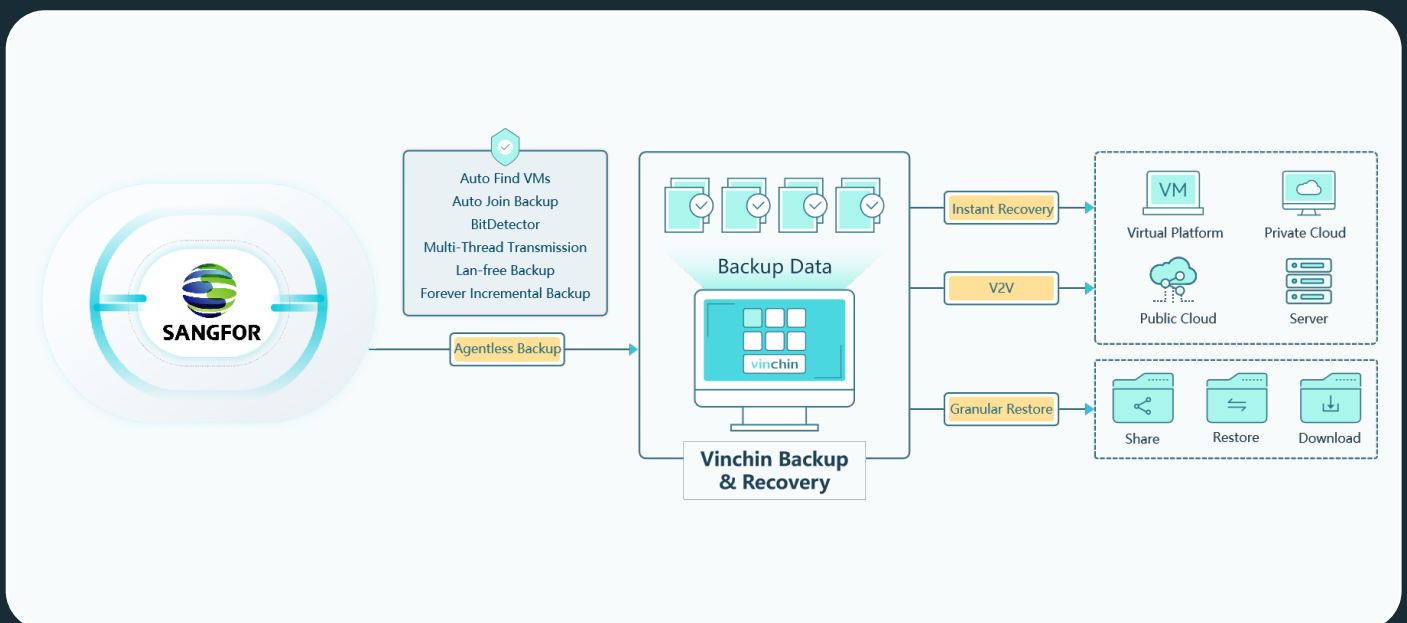
Vinchin Backup & Recovery

High-Performance Backup in Sangfor HCI/SCP Environments

Sangfor HCI/SCP integrates computing, storage, networking, and security resources through virtualization technology, creating a simplified, stable, and high-performance cloud data center platform. With advanced features such as unified operations management and intelligent monitoring, Sangfor HCI/SCP enables organizations to build efficient and reliable IT infrastructure. As VMware users are now seeking alternatives, it is considered one of the best replacement options.

Vinchin Backup & Recovery is a robust solution for virtual machine protection. Recognized for its stability and performance, it has achieved official compatibility certification with Sangfor HCI/SCP. This ensures that Vinchin can deliver reliable protection for VMs running in Sangfor environments, supporting seamless backup and rapid recovery when needed.

The Vinchin–Sangfor combination has already been deployed in many successful projects across various industries, demonstrating its ability to safeguard critical systems and data while maintaining business continuity.



Vinchin's VM Backup and Recovery Features for Sangfor HCI/SCP

| Feature | Description |
|----------------------------|--|
| Agentless Backup | Capture VM images via hypervisor APIs — no in-guest agents |
| Forever Incremental Backup | One full backup, then only incremental changes to save storage |
| SAN Backup | Use storage network to avoid host network load |
| Instant Recovery | Boot a VM from backup in seconds and optionally migrate it back to the production host after restore |
| Full VM Recovery | Restore an entire VM to original or alternate target |
| Granular Recovery | Recover individual files/folders without full VM restore, download directly, restore to the VM, or share via a file server |
| Cross-Platform Recovery | Restore and migrate workloads across hypervisors and between virtual and physical environments (V2V, P2V, C2V, V2C) |

Verified Backups, Ransomware Resilience & Performance

| Feature | Description |
|--------------------------------------|--|
| Built-in DR Lab | Run sandboxed recovery tests without affecting production |
| Recoverability Verification | Automated integrity + boot tests to confirm restorability |
| Backup Storage Protection | Safeguard backup repositories against alteration or deletion |
| Ransomware Protection | Use immutable backups and WORM storage to prevent tampering and enable ransomware recovery |
| Multithreaded Transmission | Use parallel threads to speed data transfer |
| Throttling Policy | Control bandwidth per job to limit production impact |
| Pre-Create/Serial /Parallel Snapshot | Flexible snapshot modes to optimize performance and consistency |
| Retention/Offsite Copy /Cloud Backup | Support for intelligent GFS retention, direct backup and archive to cloud or tape library, and offsite replication for DR. |

| Customer Benefits



Cost-Effective, All-in-One Solution

Permanent license model lets customers purchase once for long-term use. The platform provides multi-layer data protection (backup, DR, replication, archive) and supports easy horizontal or vertical scaling to reduce total cost of ownership.



Simple, Low-effort Operations

Quick installation and a unified web console with guided workflows make daily backup jobs easy to create and manage. Intuitive UI lowers operator training needs and reduces maintenance overhead, freeing IT staff for higher-value tasks.



Comprehensive Workload Coverage

The solution protects Sangfor HCI virtual machines and other mainstream virtualization platforms (VMware, Hyper-V, Xen, Inspur, etc.) as well as major databases (Oracle, SQL Server, MySQL, etc.). This unified approach meets complex data-center backup needs across systems.



Secure, Tamper-Resistant Backups

Data is encrypted in transit and at rest. Built-in safeguards (immutable/WORM options and backup-storage protection) prevent unauthorized modification or encryption of backup data, strengthening resilience against leakage and ransomware.

Customer Story: Zhongshan Lanju



Zhongshan Lanju Daily Chemical Industrial Co., Ltd.

Founded in 1982, Zhongshan Lanju is a recognized player in the global mosquito-repellent/home-insecticide market. The group operates multiple production bases, serves dozens of overseas markets.

Customer Needs

- Protect more than 35 TB of critical Sangfor-hosted virtual machines
- Reduce backup windows and minimize impact on production networks
- Ensure fast, verifiable recovery to avoid production interruptions
- Defend backup data against ransomware and accidental deletion

Vinchin's Solution

- Agentless Backup: Protects Sangfor VMs without needing agents installed, simplifying deployment and reducing overhead.
- Forever Incremental Backup: Continuously backs up only changed data after the initial full backup, saving storage and speeding up backups.
- Business Continuity: Supports VM instant recovery so operations can resume quickly after disruptions.
- VM Backup Verification: Automatically tests backup integrity by verifying VM recoverability to ensure reliable restores.
- Ransomware Protection: Provides protected storage to prevent data tampering and enable recovery from ransomware attacks.

Customer Story: The University of Lahore



The University of Lahore

The University of Lahore, founded at collegiate level in 1999, located in Lahore, Punjab, Pakistan, is one the largest private university in Pakistan. It is regarded as one of the premier private sector Universities of Pakistan.

Customer Needs

- Replace an inefficient backup to avoid network overload
- Shorten backup windows for Sangfor HCI
- Achieve faster VM recovery to support teaching and administrative services
- Support cross-platform recovery between Sangfor HCI and VMware

Vinchin's Solution

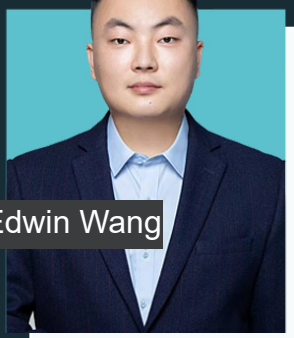
- Simple Backup Job Creation: Web console lets IT staff create backup jobs in clear steps, reducing operational complexity.
- SpeedKit (fast incremental): A changed-block tracking alternative that accelerates incremental backups in Sangfor HCI.
- Lan-free Backup: Isolates backup traffic to shorten backup windows and protect production performance.
- Instant Recovery: Restores failed VMs to operation in about 15 seconds to ensure business continuity.
- Cross-platform recovery: Restore backups between Sangfor HCI and VMware to support maintenance and migration without data loss.

Summary

Sangfor HCI/SCP is a modern hyper-converged infrastructure platform that integrates compute, storage, networking and security to deliver high availability, simplified operations, and scalable cloud data-center capabilities. It is designed to keep applications running smoothly and to reduce operational complexity for enterprises and public organizations.

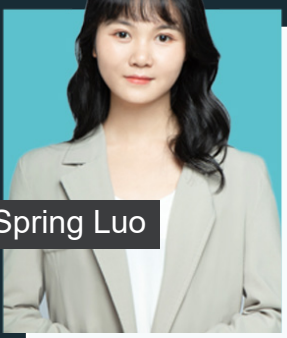
Vinchin complements Sangfor HCI with a SCP reliable and easy-to-manage backup and disaster recovery solution. Built for performance and security, it ensures that critical workloads on Sangfor HCI/SCP are protected against data loss and downtime. With its straightforward deployment, centralized management, and flexible protection strategies, Vinchin helps organizations safeguard their IT infrastructure while keeping operations efficient and costs under control.

Authors



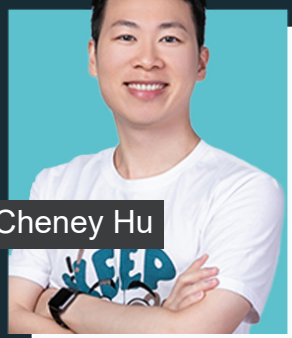
Edwin Wang

Vinchin
Senior Product Manager



Spring Luo

Vinchin
Senior Solution Architect



Cheney Hu

Sangfor
Senior Product Marketing Manager

Find more Features of Vinchin Backup & Recovery:

<https://www.vinchin.com/sangfor-hci-backup.html>

Find more Features of Sangfor HCI:

<https://www.sangfor.com/cloud-and-infrastructure/products/hci-hyper-converged-infrastructure>

| Contact Sangfor

● Head Office

No. 16 Xiandong Road, Xili Street, Nanshan District,
Shenzhen City, Guangdong Province,
518055, China

● Sales

Tel: (+852) 3845-5410
Email: sales@sangfor.com



Watch us on YouTube

● Support

Tel: +60 12711 7129
Email: tech.support@sangfor.com



Follow us on LinkedIn

| Contact Vinchin

● Head Office

F4, Block 8, National Information Security
Industry Park, No.333 YunHua Road, High-Tech
Zone, Chengdu, China. P.C.610015

● Sales

Tel: +86-135-5029-3426
Email: sales@vinchin.com

● Support

Tel: +86-199-3803-3260
Email: customer.service@vinchin.com



Visit our Website



Download Free Trial