



# VINCHIN BACKUP & RECOVERY

Next-Generation Backup Software  
Protect Your Business Data



**vinchin**

# “ BACK IT UP ”

Vinchin, headquartered in China, specializes in the Backup and Disaster Recovery field. Over the past decade, we have been dedicated to delivering the most user-friendly and cost-effective data protection solutions with exceptional performance for global enterprise users. Our comprehensive solution ensure the protection of the entire critical workloads across on-premises, off-site, hybrid, and multi-cloud environments.

Choose a tailored backup service that aligns perfectly with your business needs, all on a high-performing platform. Rest assured with our robust data resilience solutions, ensuring uninterrupted business operations at all times.

# VINCHIN BACKUP & RECOVERY V8.0

Datasheet

Vinchin Backup & Recovery provides enterprise-level users with comprehensive, cost-optimized, and highly scalable backup and disaster recovery solutions for virtual machines, cloud platform, applications, files, physical servers, and NAS devices in multiple environments.

## #1 Easy to Use

One platform with a user-friendly web interface allows for a quick and effortless start within 10 minutes, with no learning curve and minimal administration or maintenance required.

## #1 Environment Compatibility

Provide reliable backup for 15+ mainstream virtualizations, multiple applications, cloud platform, files, physical servers and NAS devices in private cloud, public cloud, and hybrid cloud environments.

## #1 Cost-Effective Solution

Provide highly competitive pricing without compromising excellent performance of the product, saving up to 50% compared to other backup vendors in the market.

20+

Platforms Protected

100+

Countries Implemented

30K+

Worldwide Clients

3M+

Workloads Protected

## We Protect Your Entire IT Infrastructure



## Supported Environments

### VM Backup & Recovery

- Citrix Hypervisor: 8.0, 8.1, 8.2
- Citrix XenServer: 6.x, 7.x, 8
- H3C CAS: E0506, E0526, E0530, E0535, E0706, E0709, E0710, E0718, E0730
- H3C UIS: E0606, E0611, E0716, E0720, E0721, E0750, E0881
- Huawei FusionCompute (KVM): 6.5.1, 8.0.0, 8.0.1, 8.5.1, 8.6.1
- Microsoft Hyper-V on Windows Server: 2012 R2, 2016, 2019, 2022
- Microsoft Hyper-V Server: 2012R2, 2016, 2019, 2022, Windows 8.1 (Desktop), Windows 10 (Desktop), Windows 11 (Desktop)
- OpenStack: Mitaka to Zed
- Oracle Linux Virtualization Manager (OLVM): 4.3, 4.4, 4.5
- oVirt: 4.0, 4.1, 4.2, 4.3, 4.4, 4.5
- Proxmox VE: 7.2, 7.4, 8.0, 8.1, 8.2
- RHV: 4.0, 4.1, 4.2, 4.3, 4.4
- Sangfor Cloud Platform (SCP): 6.10.0
- Sangfor HCI: 5.x, 6.0.1, 6.0.1R1, 6.2.0, 6.3.0, 6.7.0, 6.7.0R2, 6.8.0, 6.8.0R1
- VMware vSphere: 5.0, 5.1, 5.5, 6.0, 6.5, 6.7, 7.0(U1, U2, U3), 8.0(U1, U2)
- XCP-ng: 7.4, 7.5, 7.6, 8.0, 8.1, 8.2
- ZStack: 3.5, 3.7, 3.8, 3.9, 3.10, 4.0.1, 4.3.0, 4.3.28, 4.4.16, 4.5.1, 4.6.11, 4.7.11, 4.8.0

### Cloud Backup & Recovery

- AWS EC2

### Application Backup & Recovery

- Microsoft Exchange Server: 2013, 2016, 2019
- Microsoft Exchange Online

### Database Backup & Recovery

- Oracle Database (Windows and Linux): 10g, 11g, 12c, 18c, 19c, 20c, 21c
- Oracle RAC: 11g R2 RAC, 19c RAC
- MS SQL Server (Windows): 2008, 2012, 2014, 2016, 2017, 2019, 2022
- MS SQL Server Failover Cluster (Windows): 2019
- MySQL (Linux): 5.5, 5.6, 5.7, 8.0
- PostgreSQL (Linux): 12, 13, 14
- Postgres Pro (Linux): 13.10, 14.5, 14.7
- MariaDB (Linux): 10.5 to 10.10.2

### Server Backup & Recovery

- Windows Desktop: Windows XP, Windows 7, Windows 8, Windows 10, Windows 11
- Windows Server: Windows Server 2003/2003 R2, Windows Server 2008/2008 R2, Windows Server 2012/2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022
- Red Hat Enterprise Linux (RHEL): 5.4, 6, 7, 8, 9
- CentOS Linux: 5.4, 6, 7, 8
- CentOS Stream: 8, 9
- Debian: 8, 9, 10, 11
- Ubuntu Linux: 14.04, 16.04, 18.04, 20.04
- Rocky Linux: 8, 9
- Oracle Linux: 6, 7, 8, 9
- SUSE Linux Enterprise Server (SLES): 11, 12, 15
- openSUSE: 15

### File Backup & Recovery

- Windows Desktop: Windows XP, Windows 7, Windows 8, Windows 10, Windows 11
- Windows Server: Windows Server 2003/2003 R2, Windows Server 2008/2008 R2, Windows Server 2012/2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022
- Red Hat Enterprise Linux (RHEL): 5.4, 6, 7, 8, 9
- CentOS Linux: 5.4, 6, 7, 8
- CentOS Stream: 8, 9
- Debian Linux: 8, 9, 10, 11
- Ubuntu Linux: 14.04, 16.04, 18.04, 20.04, 22.04
- SUSE Linux Enterprise Server (SLES): 11, 12, 15
- openSUSE: 15
- Oracle Linux: 6, 7, 8, 9
- Rocky Linux: 8, 9

### Server CDP (Continuous Data Protection)

- Windows Desktop: Windows 7 SP1, Windows 8, Windows 10, Windows 11
- Windows Server: Windows Server 2008 R2 SP1, Windows Server 2012/2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022
- CentOS Linux: 6, 7, 8
- Red Hat Enterprise Linux (RHEL): 5.4, 6, 7, 8
- Oracle Linux: 6, 7, 8
- Rocky Linux: 8

### NAS Backup & Recovery

- CIFS: v2.0, v3.0
- NFS: v3.0, v4.0, v4.1

## Vinchin Safeguards Your Critical Workloads

### Easy Deployment & Management

#### Quick to Deploy

Easy and quick to deploy and get first job started in 10 minutes

#### Flexible Deployment

Flexible to deploy software on physical servers or virtual machines

#### Simple Administration

Streamlined job operations on intuitive interface, no learning curve

#### All-in-One Solution

One solution for your entire IT infrastructure

#### Highly Scalable Solution

Multi-node expansion to easily backup PB-level data size environment

#### 24/7 Technical Support

Superior fast 24/7 response technical support

### Robust Protection for Virtual Platforms

#### Agentless Backup

True agentless backup for market mainstream virtualizations

#### Automated Backup

A few clicks of initial setups for the backup jobs auto-running

#### Forever Incremental Backup

Support initial full backup and thereafter incremental backups

#### LAN-free Transmission

Highly efficient SAN transmission, no impact on production area

#### Multi-threaded Transmission

Self-defined number of threads for efficient data transmission

#### Powerful Data Reduction

Support high-efficiency data compression, deduplication, and BitDetector

#### Data Encryption

Advanced data encryption for backups both in-transit and at-rest

#### Data Consistency

Guaranteed backup data consistency at the instant of crash

#### Throttling Policy

Support both global throttling and single job based throttling policy

#### Flexible Retention Policy

Support both short-term and GFS longterm retention policy

#### CBT/SpeedKit

Support CBT/SpeedKit for fast incremental detection

#### Backup Data Verification

Ensure data availability, always ready for clean recovery

## Vinchin Safeguards Your Critical Workloads

### Backup to Cloud

Direct backup to multiple cost-effective cloud storages

### Full Recovery

Support fast and batch full VMs recovery in one job

### Instant File-level Recovery

Support restoring specific business-core files just in seconds

### Instant VM Recovery

With RTO<15s to resume business operation

### Agentless V2V Migration

Agentless cross-platform migration among all Supported Virtualizations

### Agentless V2C/C2V Migration

Agentless cross-platform migration between Virtualizations and AWS Cloud

## Robust Protection for AWS EC2

### Agentless Backup

True agentless backup for market mainstream virtualizations

### Automated Backup

A few clicks of initial setups for the backup jobs auto-running

### Incremental Backup

Support fast and efficient incremental backup

### Multi-threaded Transmission

Self-defined number of threads for efficient data transmission

### Powerful Data Reduction

Support high-efficiency data compression, deduplication, and BitDetector

### Data Encryption

Advanced data encryption for backups both in-transit and at-rest

### Data Consistency

Guaranteed backup data consistency at the instant of crash

### Throttling Policy

Support both global throttling and single job based throttling policy

### SpeedKit

Support SpeedKit for fast incremental detection

### Full Recovery

Support fast and batch full EC2 instances recovery in one job

### Instant File-level Recovery

Support restoring specific business-core files just in seconds

### Agentless V2C/C2V Migration

Agentless cross-platform migration between AWS Cloud and Virtualization

## Vinchin Safeguards Your Critical Workloads

### Robust Protection for Physical Servers

#### Automated Backup

A few clicks of initial setups for the backup jobs auto-running

#### Application Consistent Backup

Take application-aware snapshot for guaranteed data consistency

#### Forever Incremental Backup

Support initial full backup and thereafter incremental backups

#### Specified Disk Backup

Select or exclude specified disk to backup

#### Powerful Data Reduction

Support high-efficiency data compression, deduplication, and valid data extraction

#### Multi-threaded Transmission

Self-defined number of threads for efficient data transmission

#### Data Encryption

Advanced data encryption for backups both in-transit and at-rest

#### Throttling Policy

Support both global throttling and single job based throttling policy

#### CBT

Support CBT for fast incremental detection

#### Full Recovery

Support full machine recovery to original server or new server

#### Partition-level Recovery

Restore particular business-critical data disks instead of full machine

#### Bare-metal Recovery

Provide dedicated bootable media for P2P bare-metal recovery

### Robust Protection for Exchange Server & Exchange Online

#### Automated Backup

A few clicks of initial setups for the backup jobs auto-running

#### Forever Incremental Backup

Support initial full backup and thereafter incremental backups

#### Data Compression

Advanced data compression to minimal data size and save storage space

#### Data Encryption

Advanced data encryption for backups both in-transit and at-rest

#### Data Consistency

Guaranteed backup data consistency at the instant of crash

#### Multi-threaded Transmission

Self-defined number of threads for efficient data transmission

## Vinchin Safeguards Your Critical Workloads

### Exclude Directories to Backup

Support exclude directories to backup certain items

### Throttling Policy

Support both global throttling and single job based throttling policy

### Retention Policy

Flexible retention policy based on number of restore points or time span

### Full Recovery

Support full Exchange recovery to original organization or different organization

### Granular Recovery

Support restoring specific business-critical items just in seconds

### Flexible Recovery Destinations

Support restoring to the original path, newly created path, or to the specified users

## Robust Server Continuous Data Protection (CDP)

### Server CDP Backup

Continuous server data protection to achieve RPO≈0

### Server Replication

Always ready-to-use standby server to achieve RTO≈0

### Guaranteed Data Consistency

Ensure application-aware data consistency for Server CDP

### Efficient Data Transmission

Support proprietary data compressed transmission and multi-threaded transmission

### Point-in-Time Recovery

Support rollback to any point in time recovery with intervals as short as 1 second

### Automatic Failover

Seamless business takeover for uninterrupted business operations

### Resume from a Breakpoint

Resume data transmission from a breakpoint in case of certain anomalies

### One-Click Failback

Support post-disaster one-click failback without any interruption to business running

### Real-Time Data Migration

Seamless data migration to a new data center

## Robust Protection for Database

### Automated Backup

A few clicks of initial setups for the backup jobs auto-running

### Incremental Backup

Support fast and reliable incremental backup

### Log Backup

Support fast and reliable log backup for all databases



## Vinchin Safeguards Your Critical Workloads

### Powerful Data Reduction

Support high-efficiency data compression and deduplication

### Data Encryption

Advanced data encryption for backups both in-transit and at-rest

### Data Consistency

Ensure application-consistent backup for all databases

### Throttling Policy

Support both global throttling and single job based throttling policy

### Full Recovery

Support full database recovery to original host or new host

### Point-in-time Recovery

Support rollback to any time point in the past for recovery

## Robust Protection for File Servers/NAS Device

### Massive Files Backup

Highly-efficient billion-level files backup for both file servers and NAS devices

### Automated Backup

A few clicks of initial setups for the backup jobs auto-running

### Incremental Backup

Support fast and efficient incremental backup

### Data Compression

Advanced data compression to minimal data size and save storage space

### Data Encryption

Advanced data encryption for backups both in-transit and at-rest

### Efficient Transmission

Support multi-thread transmission up to 32 threads, and merge small files transmission

### Wildcard Filter

Support wildcard filter for fast backup of specific files

### Throttling Policy

Support both global throttling and single job based throttling policy

### Retention Policy

Flexible retention policy based on number of restore points or time span

### Full Recovery

Support full recovery to original or new server/NAS

### Instant File-level Recovery

Support restoring specific business-core files just in seconds

### Cross-server Recovery

Cross-server recovery between File server and NAS device

## Vinchin Safeguards Your Critical Workloads

### Agile Disaster Recovery

#### Offsite Recovery

Resume business promptly by utilizing offsite backup data

#### Cloud Disaster Recovery

Send backups to cloud and restore from cloud, or resume business directly on cloud for DR

#### Environment Rebuild

Rebuild production environment by utilizing offsite/cloud backup data

### Advanced Monitoring & Reporting

#### Real-Time Monitoring

Real time monitoring of job status, storage resources, system status, etc

#### Reports and Notifications

Provide comprehensive reports and timely notifications for fast and proactive response

#### Data Visualization

Real-time data visualization with large screen, born for conferences

### Enhanced Data Security

#### Ransomware-Free

Real-time IO monitoring and whitelist policy, stay secure

#### Self-Configuration Backup

Backup and restore system configurations

#### Role-Based Access Control

Assign preset, custom roles, and associated permissions to users

## You Can Always Rely On Us

Vinchin is an official technical partner with market mainstream platforms



## Vinchin Earns Trust from Our Valued Users

Vinchin Earns Unwavering Trust and Admiration from our valued users





## | Contact Us

### Head Office

F4, Building 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](mailto:sales@vinchin.com)

### Support

Tel: +86-199-3803-4070  
Email: [technical.support@vinchin.com](mailto:technical.support@vinchin.com)

