



# 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 V8.1

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

vmware

citrix



oVirt

Red Hat

ORACLE



openstack



HUAWEI

H3C

ZStack

PROXMOX

AWS EC2

Windows



Microsoft SQL Server

ORACLE DATABASE

MySQL

PostgreSQL

MariaDB

Exchange

NAS

File Server

S3 Objects

## Supported Environments

### VM Backup & Recovery

- Citrix Hypervisor: 8.0, 8.1, 8.2, 8.2.1, 8.3
- 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, E0802P01
- 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, 4.5
- Sangfor Cloud Platform (SCP): 6.10.0, 6.10.0R1
- 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, 8.2.1
- 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, 5.0.0

### Cloud Backup & Recovery

- AWS EC2
- Huawei ECS

### S3 Objects Backup & Recovery

- AWS S3
- Alibaba Cloud
- Azure Blob
- Huawei Cloud
- Ceph S3
- Tencent Cloud
- Wasabi
- Other S3 compatible
- MinIO

### 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, 15, 16
- 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 (SELS): 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
- Ubuntu 18.04.2LTS

### Application Backup & Recovery

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

### 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

Easily set up automatic backup jobs in just a few clicks

#### 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

#### 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

## Vinchin Safeguards Your Critical Workloads

### 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 Virtualization and Public Cloud

### Job Orchestration

Support orchestration of backup, recovery, copy, archive, and backup verification processes

### Tape Support

Support backup, copy, and archive VM data to tape library (Beta version)

### Built-in Disaster Recovery Lab

Support instant VM recovery with embedded KVM virtualization in Vinchin when disaster strikes

## Robust Protection for Public Cloud Instance

### Agentless Backup

Support true agentless backup for AWS Cloud EC2 and Huawei Cloud ECS

### Automated Backup

Easily set up automatic backup jobs in just a few clicks

### 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

### Flexible Retention Policy

Support both short-term and GFS long-term retention policy

### Job Orchestration

Support orchestration of backup, recovery, copy, and archive processes

### Tape Support

Support backup, copy, and archive data to tape library (Beta version)

### Full Recovery

Support fast and batch full cloud 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 Public Cloud and On-premise Virtualization

## Vinchin Safeguards Your Critical Workloads

### Robust Protection for Physical Servers

#### Automated Backup

Easily set up automatic backup jobs in just a few clicks

#### 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

#### Retention Policy

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

#### Job Orchestration

Support orchestration of backup, recovery, copy, and archive processes

#### Tape Support

Support backup, copy, and archive data to tape library(Beta version)

#### 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

Easily set up automatic backup jobs in just a few clicks

#### Forever Incremental Backup

Support initial full backup and thereafter incremental backups

#### Data Compression

Built-in data compression tools to minimize 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

### Backup Granularity

Support backing up users, user groups, and organizations

### 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

### Job Orchestration

Support orchestration of backup, recovery and copy processes

### Tape Support

Support backup and copy data to tape library (Beta version)

### Recovery Authentication

Authenticate the user's identity before initiating Exchange data recovery to improve data security

### 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

Easily set up automatic backup jobs in just a few clicks

### 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

### Retention Policy

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

### Job Orchestration

Support orchestration of backup, recovery and copy processes

### Tape Support

Support backup and copy data to tape library (Beta version)

### 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

Easily set up automatic backup jobs in just a few clicks

### Incremental Backup

Support fast and efficient incremental backup

### Data Compression

Built-in data compression tools to minimize data size and save storage space

### Data Encryption

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

### Efficient Data Transmission

Support up to 32 threads for multi-threaded transmission and merges small files to boost backup speed

### Wildcard Filter

Supports wildcard filtering to quickly select and back up 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

### 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

## Robust Protection for S3 Objects

### Agentless Backup

Agentless backup of all object storages that based on S3 protocol

### Automated Backup

Easily set up automatic backup jobs in just a few clicks

### Incremental Backup

Support fast and efficient incremental backup

### Data Compression

Built-in data compression tools to minimize data size and save storage space

### Data Encryption

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

### Efficient Data Transmission

Support up to 32 threads for multi-threaded transmission and merges small files to boost backup speed

### Wildcard Filter

Supports wildcard filtering to quickly select and back up 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

### Network Reconnection

Configurable network auto-reconnect settings for backup jobs failed due to network issues

### Job Orchestration

Support orchestration of backup, recovery and copy processes

### Tape Support

Support backup and copy data to tape library (Beta version)

### Recovery granularity

Recovery granularity can be a single object or the entire object storage

### Flexible Recovery Destinations

Support restoring to either original path or new path

### Cross Platform Recovery

Cross platform restore to another object storage, file server, 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, 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

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