



VINCHIN BACKUP & RECOVERY

Next-Generation Backup Software
Protect Your Business Data

“ 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



Exchange

NAS



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
- InCloud Sphere: V5, V6
- KAYTUS

Cloud Backup & Recovery

- AWS EC2
- Huawei ECS

S3 Objects Backup & Recovery

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

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





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