



VINCHIN BACKUP & RECOVERY V9.0

Release Note

2025/10



Release Notes

Product: Vinchin Backup & Recovery

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System

- Added viewing timepoint detail feature;
- Added cross-platform recovery job type;
- Added the download of service logs related to virtualized transmission agents;
- Optimized the process of driver replacement;
- Fixed the issue of the customer was transferred to the admin user after upgrading the client of the sub-user.
- Added cluster feature: backup system cluster, computing resource pool, storage resource pool, agent resource pool, network resource pool;
- Added node feature: management function, computing function, resource limitation;
- Added data verification function;
- Added retry policy;
- Added immutable storage (WORM);
- Added integrity verification;
- Added virus scan;
- Added script management;
- Added driver library management;
- Added download of node log;
- Added regular archiving of backend log;
- Added third-party syslog push UDP protocol and custom port;
- Optimized ransomware protection;
- Optimized flexible authorization;
- Optimized storage purposes;

- Optimized backup data unified management;
- Optimized automatic bridge network, no longer automatically bridge prod_bridge;
- Optimized log safety;
- Optimized historical job log;
- Optimized installation and deployment, the installation of master node and slave node use the same ISO;
- Optimized license authorization customize product name;
- Optimize support for users to assign administrators and then cancel assignments;
- Optimized homepage data;
- Optimized report display.
- Fixed the issue where administrators could not view user VM resources after being assigned administrator permission.
- Fixed the issue where cloud storage capacity could not be modified.
- Fixed an issue where the advanced search storage did not filter based on the corresponding node.
- Fixed the issue when the name of a global throttling policy contained space the creation failed.
- Fixed the issue where the Monitoring Center - historical job page cannot display all historical jobs again after searching by job name.
- Fixed the issue in Report Data Statistics.
- Fixed the loading error on the report overview page.
- Fixed the issue of invalid job navigation on the system homepage history in a multi-tenant environment.
- Fixed the issue where the alert display style was incorrect in the upper-right corner of the sub-account page.
- Fixed the issue of Data Management- Backup Data when viewing backup data by object, the filter selection function does not take effect.
- Fixed the issue of inconsistency between the logs for archived jobs on the historical jobs page and the execution logs in the job details.
- Fixed the issue when setting the GFS tag for the backup time point failed but the page displayed a success message.
- Fixed the issue when reset password successfully and failed to send emails.
- Fixed the issue where one subnode was configured with a bridged network, while the first network adapter on other nodes was not displayed.
- Fixed the issue where the backup data management page displayed job details in incorrect

order and sorted backup objects by last run time incorrectly.

- Added the support for setting the point in time for the replication GFS tag when add a replica to tape
- Added the backup system upgrade options, allowing selection of whether to update web configuration files, web certificate files, and firewall rules.
- Optimize the virus database management menu by moving it from the Infrastructure to the Backup Resources page.
- Optimize display method of System Setting - Notification, Backup Resources - Throttling Policy.
- Optimize password input fields across different pages with supporting for special character detection: !@\$%^&*,.
- Optimize historical jobs and add execution duration statistics.
- Optimize syslog message delivery with support for custom port numbers.
- Optimize if a node fails to enable an error description, it will prompt the specific node and roll back the status of the enabled node when ransomware protection activation.
- Fixed the issue where chain retention policies appeared in the retention policy for archiving jobs.
- Fixed the issue when creating a replica job specify the transfer network but when modifying the transfer network for the replica job would revert to automatic selection.
- Fixed the issue where modifying copy jobs caused the Advanced Configuration > Storage Configuration > Redundancy Ratio to become 0.
- Fixed the issue where the target host step node and storage were not displayed correctly when deploying a drill room on the DR lab.
- Fixed the issue where modifying the virus scan thread in data validation jobs would revert to default values upon subsequent changes.
- Added granular client download to preserve original file permissions.
- Optimize the retention type description information in the current job copy/archived job expansion details.
- Optimize job scheduling strategies When full backup and incremental backups conflict in startup timing, prioritize running full backup.
- Optimize the speed of copying to tape.
- Optimize backup replica archiving jobs by configuring the maximum number of copies and retention period up to 9999.

Virtual Machine Backup & Restore

- Added number display of selected backup object;
- Added automatic/manual migration completion methods. After migration is complete, the instant recovery job switch and startup script function are automatically stopped;
- Added cross-platform recovery allows you to select multiple different virtualization time points, and the recovery target will exclude the selected time point platform;
- Cross-platform recovery target types can be divided into virtualization, private cloud, public cloud, and server, with a disaster recovery drill platform added under virtualization;
- Added backup data file fragment size, merge redundant data ratio;
- Restore new CPU architecture settings, operating system type and version selection, IP address settings, reset host name settings, reset BIOS UUID (VMware);
- Optimized granular web page download speed, allowing multiple files/folders to be downloaded simultaneously, with new client transfer and network sharing features(SMB);
- When a virtual machine backup fails during the backup job execution, an alert is immediately generated;
- Added functionality to modify jobs in pending/failed states;
- Added functionality to directly remove virtual machines from job details. Cannot remove all virtual machines; only virtual machines in error state can be removed while the job is running;
- Optimized virtual machine filtering to keyword matching, and decoupled from the auto-join backup switch;
- Huawei KVM now supports adding domain users and local users to the Virtualization Center;
- Huawei KVM introduces parallel backup functionality—enabling parallel backup of multiple virtual machines, as well as parallel backup and recovery of multiple disks within a single virtual machine;
- OpenStack Ceph SAN transfer now uses the AIO interface to enhance transfer rates;
- OpenStack Ceph optimizes resource cleanup logic when enabling consistency for backup jobs, preventing residual platform volume groups and snapshot resources;
- Hyper-V incremental mode now includes a disable option. After disabling incremental mode, only full backups are supported.
- Fixed the issue where duplicate entries in Virtual Machine Configuration -> CPU Working Mode Configuration when restoring to embedded mode.
- Fixed the issue where the job stops when the instant restore fails to start, with the job status showing as failed.

- Fixed the issue where Sangfor SCP managed VMware, causing CPU architecture acquisition to fail.
- Fixed the issue where Linux VM backup excluded data tape, and the restored virtual machine cannot start normally.
- Fixed the issue where Hyper-V tape backup exclusion and resolves incorrect tape list display during job modification.
- Fixed the issue where cross-platform Full restore to Hyper-V fail and the job display error.
- Fixed the issue where the virus scan option was not displayed when Cross-Platform server restore to a virtual machine.
- Fixed the issue where the “Shared Storage is Offline” page did not display offline status when selecting a backup destination.
- Fixed the issue where job pend during recovery to VMware embedded resources due to insufficient resources, yet the status remains as error.
- Fixed the issue where, after selecting a virtual machine in Job Details > Objects Type Search and clicking Remove from job, the page displays an error stating it cannot remove all virtual machines under the job.
- Added snapshot deletion rate configuration capability on the Huawei Fusion Compute KVM Virtualization Backup Job.
- Optimized backup exclusion of system disks for point-in-time instant restore to the DR Lab with fail job log information.
- Optimized virtual machine cross-platform instant restore, granular restore, full restore and cross-platform restore jobs entering pending job, with status color indicators displayed on the details page and current job page.
- Fix for AWS Backup Job Creation: Automatic Selection of Transfer Agent Security Group.
- Added zVirt 4.4.

Public Cloud Platform Backup & Restore

- Fixed the issue when create AWS Backup job Automatic Selection of Transfer Agent Group, if modify the job will cause change to AWS agent security.
- Fixed the issue where the password input field was missing when modifying backup jobs manually encrypted in public cloud.

Private Cloud Platform Backup & Restore

- Added private cloud entrance, ZStack Cloud migrated to private cloud.
- Fixed the issue Virtual Machine Startup failures on backup compute codes in the ZStack Series.
- Added specified instance recovery function.

File Backup & Restore

- Added support for file forever incremental backup;
- Added support for handling file replacement when restoring files with identical names;
- Added support for point-in-time backup retention/merge functionality;
- Added support for point deletion of any data at any location within point-in-time management;
- Optimized file backup data structure;
- Optimized file error log information.
- Fixed the issue where the number of files restored at the file copy point was inconsistent with the actual number of restored files.
- Fixed the issue where the running log description was inaccurate when starting the backup chain while merging.

Database backup & Restore

- Added support for TiDB database backup and restore;
- New feature for MySQL and MariaDB database backups: Processing threads;
- New feature for MySQL and MariaDB database backups: Source-side compression;
- Added functionality to modify scheduled restore jobs;
- Fixed an issue where backup jobs did not execute according to the configured retention policy when the backup destination was a sub-node cloud storage;
- Fixed an issue where the display area was too small to show all information when multiple instances existed during restoration;

- Optimized the process for restoring database drill jobs using backup points encrypted with custom passwords;
- Fixed an issue where the archive log backup job type displayed incorrectly on the database history jobs page;
- Added a database file bad block skip feature for Oracle databases;
- Added multi-segment transfer functionality for Oracle databases;
- Added custom RMAN command functionality for Oracle databases;
- Added parallel backup capability for Oracle database archive logs;
- Added Oracle database new instance recovery functionality;
- Added Oracle database full recovery functionality;
- Optimized Oracle database partial recovery functionality;
- Optimized Oracle database RMAN log viewing functionality;
- Optimized Oracle database RMAN log generation rules;
- Fixed an issue in Oracle RAC backup where, upon restarting an incomplete job after an application failure on Node 1, the job failed to downgrade and instead proceeded as a complete backup;
- Optimized Oracle RAC instance authentication process when Oracle users cannot query listener status;
- Fixed the issue where operators failed to modify DR jobs.
- Fixed the issue where the integrity verification backup point in the security policy fails to retain the previous configurations after modifying the database backup job page.
- Fixed the issue where the throttling policy information for database backup jobs using global throttling policies was not saved after modifying the job configuration.
- Fixed the issue where Oracle Authentication instance failure caused by non-default monitor names.
- PostgreSQL System Repair Exercise Job: Issue with SQL Script Executing Twice.
- PostgreSQL fixes an issue where, after resetting the default value for the archive storage alert threshold, input could not start from the first character.
- TiDB fixes an issue where log backups did not correctly apply the global throttling policy when it was enabled.
- After TiDB repairs and modifies jobs, the log backup job details show the problem of full backup job strategy configuration information.
- Fixed an issue where missing user profiles during export caused user import failures.

- Oracle now supports using the SYS user for instance authentication.
- New support for Oracle database backup and recovery in Kylin V10 operating system environment.

Server Backup & Restore

- Added support for server (disk) backup;
- Added support for server (disk) restore (restore to LiveCD/WinPE, restore whole server);
- Added support for whole server (disk) instant recovery (instant restore to disaster recovery drill platform, instant restore to third-party virtualization platform, instant restore to whole server);
- Added support for server (disk) granular restore;
- Added support for cross-platform recovery of server (disk) (to third-party virtualization platform or to physical servers);
- Added support for creating backup data copies and archiving for servers (disks).
- Fix the issue of failed execution of bat script in scheduled backup of Windows server.
- Fixed the issue where the target host was displayed as empty when restoring data to a server scheduled sub-user.
- Fixed the issue where the Windows system would instantly restore to the embedded identification operating system version error.
- Fixed the issue that the scheduled instant recovery to embedded and the migration to the server valid data display error.
- Fixed the problem of clamav virus database and granular recovery job virus detection failure.
- Fixed the issue where the folder directory after the search could not be expanded in the scheduled granular file recovery job for the server.
- Fixed the issue of abnormal host startup when restoring the backup time point of the XenServer virtual machine to server across platforms.
- Fixed the issue that caused abnormal job startup when selecting multiple virtual machine time points and restoring to server across platforms.
- Added the function of scheduled recovery of server and automatic deployment.

NAS backup and restore

- Added support for NAS forever incremental backup;
- Added support for handling file replacement when restoring files with identical names;
- Added support for backup point retention/merge function;
- Optimized file backup data structure;
- Fixed the issue where the number of files restored at the file copy point was inconsistent with the actual number of restored files.
- Fixed the issue where the running log description was inaccurate when starting the backup chain while merging.
- Fixed an issue where parameter configurations were not echoed during NAS device modifications.
- Fixed an issue where protocol version and mount parameter priority were not properly applied when adding NAS devices.
- When adding or modifying a NAS device, you can now change the “Protocol Version”.
- Optimize NAS Device Management: “Mount Parameters” and “Protocol Version” Configuration.

Object storage backup and restore

- Added support for handling file replacement when restoring files with identical names;
- Added support for backup point retention/merge function;
- Optimized file backup data structure;
- Added support for point deletion of any data at any location within time point management.

Application backup and restore

- Optimized email backup performance by batch-reading smaller emails for faster processing;
- Optimized large email reading method by implementing streaming read for large emails, reducing memory usage during backup of emails with large attachments and large emails;

- Optimized display of imported data details in the M365 module;
- Optimized backend log display by adding info logs at critical steps and processes;
- Optimized Exchange Server organization adding process by hiding offline clients during organization addition.
- Added functionality to skip certificate validation when the domain name on the Exchange Server certificate does not match the actual domain name.

Hadoop backup and restore

- Added support for Hadoop forever incremental backup;
- Added support for handling file replacement when restoring files with identical names;
- Added support for Hadoop backup point retention/merge function;
- Added support for point deletion of any data at any location within time point management;
- Optimized Hadoop backup data structure;
- Optimized Hadoop snapshot function;
- Fixed an issue where Hadoop email notifications displayed incorrectly after job completion.
- Adapted for Hadoop backup, enabling normal selection of special symbols in applicable scenarios.

Kubernetes backup and restore

- Added Kubernetes protection module, supporting backup, restore and copy.
- Added compatibility data validation (integrity check).

Server CDP

- Added real-time disk-based server backup;
- Added real-time disk-based data disk backup;

- Added disk-based server recovery at any point in time;
- Added disk-based data disk (volume) recovery;
- Added disk-based granular recovery at any point in time;
- Added cross-platform recovery based on disk at any point in time (restore to server, restore to third-party virtualization platforms);
- Added automatic embedded takeover and failback based on disk at the latest point in time for server;
- Added automatic mounting takeover and failback based on disk at the latest point in time for data disks;
- Added manual mounting takeover and failback based on disk at any point in time;
- Added disk-based manual embedded server takeover and failback at any point in time;
- Added disk-based verification at any point in time (full recoverability verification, backup data verification, and security scanning);
- Added virus scanning during server takeover;
- Added resource detection and degradation mechanism based on memory resources.
- Fixed the issue where the standby machine did not take over the application normally after waiting for takeover after the automatic takeover was turned on.
- Fixed the issue where the current host backup set is not displayed at the server recovery and server takeover after the host is disconnected from the network.
- Fixed the issue where after configuring the security policy for the server takeover job->scanning for an exception, the takeover was interrupted, and the security configuration did not take effect after starting the job.
- Fixed the issue where some disks would be missing from the display when configuring takeover and failback when there are more than 5 disks.
- Fixed the issue in Ubuntu 18.04.2 where the IP address could not be correctly attached during embedded takeover or after the server recovery.
- Fixed the issue where the UUID of the script library script and the manually entered script were the same, causing the scripts to not be executed correctly.

Server Replication

- Added disk-based server replication;
- Added disk-based data disk replication;

- Added server replication with automatic takeover and failback for standby machines running in-memory operating systems;
- Added server replication data for point-in-time server recovery;
- Added server replication data, enabling point-in-time mounting, takeover, and rollback;
- Added server replication data, enabling point-in-time server embedded takeover and rollback;
- Added server replication data with granular recovery at any point in time;
- Added server replication data with cross-platform recovery at any point in time (recovery to physical machines or third-party virtualization platforms);
- Added server replication data with verification at any point in time (full recoverability verification, backup data validation, and security scanning);



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