VINCHIN BACKUP & RECOVERY V8.1

Release Notes

2024/12

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Product: Vinchin Backup & Recovery
Version: 8.1
Release date: 2024-12-04

System:

- Added job orchestration feature;
- Added support for tape storage as backup/backup copy/backup archive storage;
- Added backup on demand feature;
- Added support for syslog message pushing;
- Added network card bridging configuration for nodes;
- Optimized multi-process implementation for the agent;
- Optimized the merging of agent installation packages;
- Improved the agent management webpage to display added IP information;
- Added Access Key feature for agent installation, which is assigned to the corresponding user after installation;
- Added support for online uninstallation of agent version 8.0 and above via the agent management webpage;
- Added functionality for manually added agent to automatically switch to available networks;
- Added support for remote deployment where the "agent connects to server" network mode allows selecting the server's listening address;
- Reporting reconstruction and display optimization;
- Unified optimization of web table formatting;
- Optimized the speed of copying incremental points in backup copy module.

Virtual Machine Backup & Restore

- Added support for creating storage snapshot backups on ZStack virtualization with OceanStor;
- Added support for adding ZStack tenants to the virtualization center;
- Added automatic backup data verification feature based on embedded virtualization;
- Optimized scanning speed for adding VMware virtualization platform to the virtualization center;
- Optimized the functionality for resetting CBT (Changed Block Tracking) in VMware backup;
- Added the functionality for specifying the data transfer network segment for Hyper-V;

Public Cloud Platform Backup & Restore

- Added support for backup and recovery of Huawei public cloud ECS;
- Optimized volume operation configuration for AWS instance recovery;
- Added KMS (Key Management Service) key configuration option for AWS instance recovery.

File Backup & Restore

- Optimized file permission backup performance;
- Added cross-platform recovery to object storage;
- Compatibility extensions.

Database Backup & Restore

- Added a feature to schedule recovery of the latest database backup point;
- Added a feature for Oracle database backups to skip inaccessible/offline files;
- Added support for custom recovery content for Oracle databases;
- Optimized the process of restoring Oracle RAC to a single Oracle instance;
- Optimized Oracle's dependency on environment configuration files during backup and recovery;
- Fixed an issue where Oracle backups occasionally failed to produce correct backup data under certain scenarios;
- Fixed an issue where Oracle backups occasionally failed to read backup files under certain scenarios;
- Optimized the SCN retrieval logic during Oracle database backups;
- Optimized the process for SQL Server to authenticate instances using Windows identity;
- Added support for PostgreSQL to restore new instances;
- Optimized the functionality for PostgreSQL to specify a folder recovery;
- Added a feature to open the database after a PostgreSQL recovery;
- Optimized MySQL recovery by removing the temporary directory option;
- Optimized MySQL original instance overwrite recovery, and adding a feature to open the database after full and incremental recovery;
- Added support for MySQL to start the database using methods other than the service name;
- Compatibility extensions.

Server Backup & Restore

- Added support for backing up server in BIOS + GPT mode;
- Optimized the cloud storage data deduplication for server;
- Optimized the speed of mounting large disks during instant recovery of server;
- Compatibility extensions.

NAS Backup & Restore

- Optimized the search functionality on the NAS recovery source page;
- Added cross-platform recovery to object storage.

S3 Objects Backup & Restore

- Added support for S3 objects backup and recovery;
- Added support for S3 objects backup copy.

Application Backup & Restore

- Added support for Microsoft Exchange backup copy;
- Added a bulk user selection feature for Microsoft Exchange backup;
- Added a feature to restore Microsoft Exchange to a specified client;
- Optimized Microsoft Exchange backup and recovery interface for loading and displaying large numbers of users.

Server CDP (Continuous Data Protection)

- Added full machine failover functionality based on embedded virtualization;
- Added backup data import functionality;
- Added the option to disable failover;
- Added a breakpoint resume switch functionality;
- Optimized the progress display for breakpoint resume verification;
- Optimized the connection time limit for breakpoint resume;
- Optimized the display of backup sets, adding job names;
- Optimized breakpoint resume with server-side Bitmap verification scheme;
- Optimized job processing mechanism on Linux production hosts when memory is critically low, with error reporting;
- Optimized the Windows Volume Shadow Copy Service (VSS) logic;
- Optimized the Windows file cache processing logic.

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