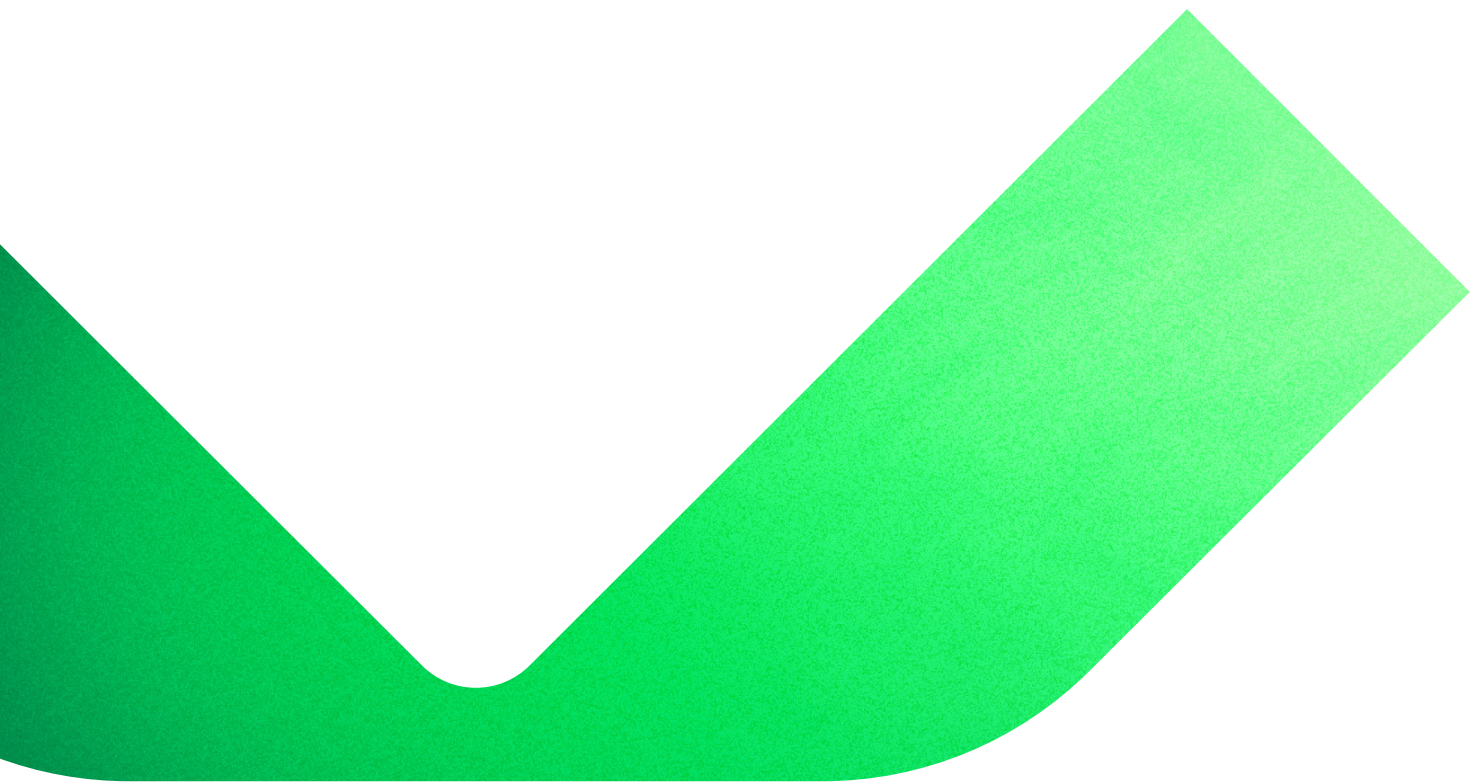# Veeam Agent for *IBM AIX* v4.6

What's New

Added in v4.6

Restore

File-level recovery direct to target — streamline file recoveries by transferring restored files from backups directly to the target host. The feature minimizes recovery time, enhances efficiency and improves security by reducing potential vulnerabilities in helper appliances.

Publish backup— instantly access backup content by mounting disks from backup directly to the target system and letting system administrators interact with it directly. This enables several use cases such as performing bulk file recoveries using native tools, scanning backup content with 3rd party tools, and more with minimal involvement from backup administrators. Any accidental changes made to the content of published disks are discarded once the backup is unpublished.

Added in v4.5

General

Flexible bare metal recovery (BMR) — you can now restore your backup to a system with a different combination of disks from the original system or restore only selected volumes.

IPv6 support — the new version of Agents now support operation in IPv6-enabled and IPv6-only networks.

Backup

New compression algorithm — agents will now use a modern and highly efficient compression algorithm that was first adopted in Veeam Backup & Replication v12 for High and Extreme compression levels to improve data reduction ratios by up to 20%, lower CPU usage by up to 3x and increase restore performance by up to 2x over the previously used algorithm.

Backup performance improvements — parallel compression and other under-the-hood tweaks should make your AIX and Solaris backups run significantly faster.

Restore

Read-write backup mount — the new ability to publish AIX backup content directly from the backup repository enables several interesting use cases, such as performing database restores using native tools directly from the mounted backup.

List backup content — you can now easily list all files contained in the selected restore point using CLI, without having to mount a backup first.

Added in v4.1

Backup

Backup engine improvements — reduced RAM consumption by agents by over 5x while improving the backup speed when backing up a large number of files.

GFS retention — you can now specify GFS retention for the created full backups.

Hardware accelerated CRC — the new agent version uses hardware-assisted checksum calculation to boost backup speed.

Restore

Recovery tokens — a simplified way to provide users who are performing a Bare Metal Recovery with access to a particular backup that was first introduced in V12 has now made its way to our AIX and Solaris agents as well. Backup administrators are now able to generate time-limited access keys, or recovery tokens, that can be shared with users and enable them to connect to a Veeam repository when performing Bare Metal Recovery.

Recovery media as OVA — the recovery media is now available in an OVA format to allow performing restores in production infrastructures and systems that do not support ISO mount.

File-level recovery TUI — added a new text-based user interface (TUI) that dramatically simplifies day-to-day file restore activities by allowing you to search for and restore individual files from backups.

Added in v4.0

v4 brings Bare Metal Recovery with fully automated disk mapping on the new system.