
Veeam Agent *for Microsoft Windows* v5

What's new in v5?

- **Full integration with latest Microsoft technologies:** Now Veeam Agent *for Microsoft Windows* supports the latest Microsoft Windows 10 version 20H2.
- **Backup from Storage Snapshots.** Microsoft Windows servers with volumes that are hosted on supported storage arrays can now be backed up with "managed by server" agent-based backup jobs from native Storage Snapshots. This approach moves data processing that's associated with agent-based backup from the protected server to the dedicated backup proxy. This functionality requires using an agent managed by Veeam® Backup & Replication™ v11 through a "managed by server" job type.
- **Protection group for pre-installed agents.** This protection group (PG) provides a convenient way to install agents using third party software distribution solutions, when deploying from a backup server is not possible due to security and network connectivity restrictions. The PG wizard creates a custom agent installation package that enables agents to connect to the backup server automatically with the PKI-based authentication and a single-use certificate. The backup servers then place an incoming agent into the protection group that created their installation package, and issues a new permanent authentication certificate, at which point you can use the agents in "managed by agent" backup policies normally. This functionality requires deploying the agent installation package from Veeam Backup & Replication v11.
- **Microsoft Active Directory-based tenants.** To simplify remote workstations and laptop protection with standalone Veeam Agent *for Microsoft Windows* in an enterprise environment, Veeam Cloud Connect now includes support for tenant quotas based on Active Directory (AD) accounts. This allows end users to leverage their existing AD account to connect a cloud repository with the Cloud Connect infrastructure authenticating the tenant through the AD. Ongoing authentication during backups uses a secondary password to prevent missed backups caused by password changes. However, bare-metal recovery from a cloud repository always requires that the account be successfully authenticated with AD using the current password before allowing access to backups. Also, if the AD account is locked out, neither backup nor restore operations will be possible.
- **Wider Microsoft .NET framework:** Veeam Agent *for Microsoft Windows* in all editions now relies on Microsoft .NET Framework version 4.5.2 or above. The presence of the previously installed .NET components is detected during the setup and whenever supported .NET version is detected during setup won't install the required prerequisite, which eliminates unnecessary reboots and solves compatibility issues with third-party applications that rely on old .NET versions.
- **Daily and GFS retention options for servers:** This is the ability to set retention in just days and define GFS retention for Veeam Agent *for Microsoft Windows* when licensed for servers.
- **User profiles backup in the file-level mode:** Specific user profile folders now can be selected as a source for file-level backup jobs.
- **Improved VPN connection detection:** Cisco AnyConnect, Fortinet, OpenVPN and any Microsoft Windows TAP-9 VPN adapters are now recognized by the Veeam Agent *for Microsoft Windows*. As a result, a backup won't be triggered whenever backup over VPN is disabled in the agent settings.

- **FIPS compliance.** Veeam Agent *for Microsoft Windows/Linux* now uses FIPS-compliant encryption modules by SafeLogic for backup data and network traffic encryption.
- **Resume download backups from Microsoft OneDrive:** In case of connectivity issues, you can resume downloading backups from Microsoft OneDrive with a special add key command line utility.
- **Backup auto-detection:** Backup wizards are automatically populated with the most recent backup files for faster recovery if the backup agent has just one backup job.
- **Increased backup job lifetime:** Backup jobs will stay alive for up to one week to process data over slow network links or to transfer large data sets.
- **Low space notifications update:** system volumes will no longer report annoying warning notifications during backups.
- **Multiple UI enhancements:** Refreshed Veeam Agent *for Microsoft Windows* UI with more readable graphics, colors and icons.

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