



Unitrends Virtual Backup Release Notes Version 8.0

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This document provides an overview of new features, enhancements, and changes made in Unitrends Virtual Backup for the version 8.0 release.

This document contains the following sections:

- [Updates on page 3](#)
- [System Requirements on page 8](#)

To get the latest version of Unitrends Virtual Backup, including product updates and patches, visit the [Unitrends](#) website.

For installation and configuration information refer to the documentation included with the installation package.

For additional information, including known issues related to this release, instructional videos, the latest installation guides, and instructions on how to use the product, refer to the [Knowledge Base online](#).

Updates

Unitrends Virtual Backup v8.0 is a major release that includes many new features and enhancements.

- **Powered by all-new v8 architecture!** – The latest and greatest purpose-built VM data protection architecture provides a unique approach to scalability and enterprise management.
 - New architecture provides two virtual disks with the Virtual Backup Appliance (VBA). The first disk is the OS disk and the second disk houses important configuration data for the VBA. You will add a third disk for the backup target, after the VBA is deployed. The reason we added the second disk to the VBA, is so that a VBA and its OS disk could be discarded, and a new VBA can connect to the data disk, to preserve all necessary configuration information. If you'd like to change the virtual CPU or memory settings, you can easily do that, after the VBA is imported into the environment.
- **Major enhancements were made to inventory and backup catalog management**, to improve performance for those huge environments, by leveraging new database and caching algorithms within the management and UI components of the VBA.
- Added full support for on-premise and offsite protection for VMware vSphere™, Citrix XenServer, and Microsoft Hyper-V.
- **Updated Web-Based Interface** - A new web-based user interface replaces the previous Windows-based client, allowing for even more flexibility and ease-of-use. Manage all three hypervisors types from the single web-based interface. The new interface includes many new features and options for viewing the protection status of your environment, including:
 - **Dashboard** – “Single Pane of Glass” overview of protection status including graphs that display trending data, storage details, jobs in progress, and alerts. Dashboard widget additions included for Replication, Instant Recovery, and an enhanced Active Jobs widget.
 - **Protect page** – see all of the VMs in all of your virtual environments, apply VM-level settings, and view details for recent backups for each. New tabs added for Replication (which displays all VM replicas within the inventory) and Sync (which displays all Sync storage backup processes).
 - **Jobs** - View job details including progress down to the task level including VM, disk, and snapshot create and destroy tasks.
 - **Reports** – create detailed, customizable reports based on specific date ranges with new Reporting categories including overall protection summaries and storage reports.

- **Configure** - Manage all of your hypervisor environment's protection configurations from a single page. Add additional VBAs, manage storage, and configure SMTP settings.
- Set it and forget it. **Backup** your data how and when you want to:
 - VM-level backup job options, including verify, log truncation, post backup scripts and changed block tracking.
 - Virtual Full or Full/Incremental mode backups.
 - Schedule backups to run nightly or as frequently as every 15 minutes.
 - Emailed job reports keep you apprised of the each job's completion status.
- Convenient and fast **Recovery** options:
 - Restore your VMs back to where they were backed up from by default.
 - Rollback recovery restores data fast right back to the existing VM.
 - Support was added for recovering distributed virtual switches.
 - Recover files and folders with support for LVM.
- Introduces new **Replication** features for all hypervisor types.
 - Automatically trigger replication jobs to run when a backup job completes.
 - Replicate to a location or use replica mapping to replicate to an existing VM in inventory.
 - Granular control – VM configuration and disks, disks only, or VM settings only.
 - Hardened VM replication to avoid re-seeding when source VM configurations are modified.
- Keep everyone up to date with per-job email reports.
- Manage your licensing and select the hosts (per socket) you want to license using the License page of the Configure tab.
- Global deduplication – Built-in, multi-stage deduplication technology cuts storage to the bone with an average dedupe ratio up to 25:1 typically reducing storage requirements by more than 90%.
- Block level verification – Reliable data transfer can detect corrupted data during backup and automatically correct it.
- New Archiving feature: Create triggered Archive jobs to create copies of selected VM backups.
- Parallel processing for archiving – up to 8X faster offsite backup archiving depending on your bandwidth.
- Hypervisor client Plug-in for vSphere Client and Citrix XenCenter.

- Configurable VM-level protection settings:
 - Set VM priority to ensure business critical VMs are backed up first.
 - Define Custom Retention policies for VMs to store just the backups you need.
 - Store Application Aware Credentials for log truncation and other post backup scripts.
 - Define Block Size and Compression type to use when storing a VM's backup data.
- Synchronize backup data stores and view the status of sync processes from the Protect page.
- Archive individual backups using the Backups tab Archive option.
- Expanded File Recovery support to include iSCSI and NFS options.
- Protect page updated to include at-a-glance status from backup, archive, and replication jobs, per VM.
- Sort on recent backup archive, and replication status column to find problem VMs and immediately create new jobs based on those selections from the Protect page.
- Enhanced backup catalog tab now includes a Storage view to let you see all backups on each storage target.
- Updated Jobs Details table now displays additional hypervisor tasks.
- New Post Process tab displays pending and in-progress post processing tasks per VM backup.

System Requirements

The following requirements must be met to run Unitrends Virtual Backup version 8.

System Requirements	
Browsers	Mozilla Firefox
(For web-based interface)	Google Chrome
	For optimal performance, the web interface should be accessed from a machine with at least 1 dedicated CPU, 1GHZ or faster Intel or AMD processor, at least 1 GB of available memory, a gigabit or faster network connection, and viewed with a minimum resolution of 1280x1024.
Hypervisor	VMware vSphere™ 5.0 and later

	Windows Server 2012 or Windows Server 2012 R2 (Standard and DataCenter editions) with the Hyper-V role enabled
	Hyper-V Server 2012 and Hyper-V Server 2012 R2 (free versions)

	Citrix XenServer 6.x and later

