

FEATURE	PRO / PRO ESSENTIALS	ENTERPRISE / ENTERPRISE ESSENTIALS	ENTERPRISE PLUS	DESCRIPTION
DEPLOYMENT				
Install on Windows and Linux	●	●	●	Install on a physical or virtual machine running Windows or Linux.
Deploy as a VA or AMI	●	●	●	Deploy as a pre-configured VMware or Nutanix virtual appliance. Can also be deployed in Amazon EC2 as a pre-configured Amazon Machine Image.
Install on NAS	●	●	●	Install on supported NAS (Synology, QNAP, ASUSTOR, Western Digital, NETGEAR) to build a high-performance and cost-effective backup appliance.
Install on Raspberry Pi	●	●	●	Install on Raspberry Pi devices to create a miniature yet fully functional backup appliance.
DATA PROTECTION				
VM Backup	●	●	●	Create agentless, image-based, incremental backups of VMware vSphere, Microsoft Hyper-V, Proxmox VE, and Nutanix AHV VMs.
Physical Machine Backup	●	●	●	Back up Windows-based and Linux-based physical servers and workstations.
Backup for Microsoft 365	● **	● **	● **	Create full and incremental backups of Microsoft 365 data — Exchange Online mailboxes, OneDrive for Business accounts, SharePoint Online sites, and Microsoft Teams — and store them in various locations, including public clouds.
File Share Backup	●	●	●	Create fast and efficient backups of unstructured data in SMB/NFS shares hosted on NAS devices and Windows and Linux machines and send them to various storage destinations, including public clouds.
Immutable Repository	●	●	●	Enable immutability for backups and backup copies sent to local Linux-based repositories, to cloud and S3-compatible platforms and to deduplication appliances based on NEC HYDRAsstor storage systems.
Application Support	●	●	●	Ensure the consistency of applications and databases, such as Microsoft Exchange, Active Directory, SQL, Oracle, SharePoint, etc.

FEATURE	PRO / PRO ESSENTIALS	ENTERPRISE / ENTERPRISE ESSENTIALS	ENTERPRISE PLUS	DESCRIPTION
Backup Copy				Create copies of existing backups and automatically send them to tape, offsite or to a public cloud (Azure Blob, Amazon EBS, Amazon S3, Wasabi or Backblaze B2).
Instant Verification	*	*	*	Instantly verify VMware vSphere and Microsoft Hyper-V VM backups; get a report with screenshots of test-recovered machines.
Backup Encryption				Encrypt data using AES-256 encryption at the source, in transit, and at rest in the repository for ultimate security at every stage and integrate with AWS KMS for password loss protection.
Amazon EC2 Instance Backup				Create image-based, incremental backups of Amazon EC2 instances.
Deduplication Appliance Support				Send backups to deduplication appliances such as NEC HYDRAsstor, Dell EMC Data Domain (with DD Boost support) and HPE StoreOnce (with Catalyst support).
Backup to Cloud				Send backups and backup copies of all workloads to public clouds, including Amazon S3, Azure Blob, Wasabi, and Backblaze B2. Enable immutability for backups stored in public clouds.
Backup to S3-Compatible Storage				Send backups and backup copies of all workloads to object storage platforms (from public and private cloud vendors) that use the S3 API and enable immutability.
Policy-Based Backup				Automatically back up machines that match policy rules, which can be based on machine name, tag, size, location, and so on.
Native Backup to Tape				Send backup copies to physical tape libraries and AWS VTL; easily manage tape devices and cartridges.
Backup for Oracle RMAN				Create backups for Oracle databases running on Windows and Linux systems via RMAN, the Oracle built-in backup and recovery functionality.
VMware Cloud Director Backup				Back up Cloud Director objects, such as vApps and individual VMs, including vApp metadata.
Backup from Storage Snapshots			*	Back up your VMware vSphere VMs hosted on HPE 3PAR, Nimble, Alletra, Primera and NetApp Storage devices directly from storage snapshots.
Federated Repository			*	Aggregate multiple standalone repositories into one centralized, tiered storage pool repository that automatically scales to meet your growing storage needs.

FEATURE	PRO / PRO ESSENTIALS	ENTERPRISE / ENTERPRISE ESSENTIALS	ENTERPRISE PLUS	DESCRIPTION
DATA RECOVERY				
Full Recovery				Fully restore VMware vSphere, Microsoft Hyper-V, Proxmox VE, and Nutanix AHV VMs directly from deduplicated backups to the same or to a custom location.
Bare Metal Recovery				Restore entire physical machines from backups to the same or other identical hardware without having to reinstall the OS or reconfigure the settings.
Direct Recovery from Tape				Restore full VMs, instances and physical machines as VMs directly to your infrastructure from backups stored on tape media.
Instant File Recovery to Source				Instantly browse, search, and restore files and folders to source directly from deduplicated backups. Download items to the browser or forward via email as an attachment, as well as recover items to a local folder or CIFS/NFS share.
Instant VM Recovery (Flash VM Boot)	*	*	*	Instantly boot VMware vSphere and Microsoft Hyper-V VMs directly from deduplicated backups; migrate booted VMs to production if necessary.
Instant Object Recovery for Microsoft Exchange				Instantly browse, search and recover individual emails and other Exchange objects directly from deduplicated backups. Restore what you need back to the source, to a custom location, or export objects to a CIFS share or local folder.
Instant Object Recovery for Microsoft Active Directory				Instantly browse, search, and recover individual users, user groups and other Active Directory objects directly from deduplicated backups. Restore what you need back to the source or export to a CIFS share or local folder.
Instant Object Recovery for Microsoft SQL				Instantly recover SQL objects (Microsoft SQL Server 2008 and later) directly from compressed and deduplicated backups. Restore what you need back to the source, to a custom location, or export objects to a CIFS share or local folder.
Universal Object Recovery				Instantly recover objects of any application by mounting disks from a backup directly to production machines. Restore what you need back to the source or any custom location.
Cross-Platform Recovery				Export VM data across different virtualization platforms, enabling seamless VM migration and recovery of VMware, Nutanix AHV, and Hyper-V VMs to any of the other environments.
Physical to Virtual (P2V)	*	*	*	Recover physical machines from backups to VMware VMs.

Feature	Pro / Pro Essentials	Enterprise / Enterprise Essentials	Enterprise Plus	Description
Microsoft 365 Recovery	**	**	**	Restore entire backups or specific Microsoft 365 items, including user, shared, and group mailboxes, In-Place archive mailboxes and public folders, OneNotes, In-Place hold and litigation hold items, contacts, calendar events, emails, drives, communication, team, personal sites, document libraries, lists, list items, channels, posts, tabs, teams, and individual files and folders to the original or a different account.
File Share Recovery				Recover the contents of an entire share or specific files and folders within the share to a custom location, send it via email, or download it using a web browser.
Backup Malware Scan				Scan backup data for signs of malware or ransomware infection and ensure it can be safely used for recovery.
Disaster Recovery				
Real-Time (Beta) Replication for VMware	***	***	***	Instantly replicate VMware VMs (including the latest vSphere 8 update) as changes are being made to the source VM with RPOs as low as 1 second. Fail over to the replica quickly in case a VM fails to ensure continuous operations and minimize downtime.
VMware VM Replication				Create and maintain VMware VM replicas, which are identical copies of your source VMs.
Hyper-V VM Replication				Create and maintain Hyper-V VM replicas, which are identical copies of your source VMs.
Replication From Backup	*	*	*	Offload the production environment by replicating VMware and Hyper-V VMs directly from backups.
Automated VM Failover				Recover from a disaster by running a single job in a VMware or Hyper-V environment. Specify which VM replicas should be powered on and create rules for reconfiguring VM networking to be able to resume your business-critical operations almost instantly.
Replica Verification	*	*	*	Instantly verify VMware and Hyper-V VM replicas; get a report with screenshots of test-recovered machines.
Encryption				Protect your data in flight and at rest with AES 256 encryption.
Policy-Based Replication				Automatically replicate machines that match policy rules, which can be based on machine name, tag, size, location, and so on.
Amazon EC2 Instance Replication				Create and maintain exact copies (replicas) of your original Amazon EC2 instances and fail over to the replicas for near-instant disaster recovery.
Site Recovery Orchestration				Create recovery workflows and perform scheduled non-disruptive site recovery testing, planned failover, emergency failover, failback, and datacenter migration with a single click.

FEATURE	PRO / PRO ESSENTIALS	ENTERPRISE / ENTERPRISE ESSENTIALS	ENTERPRISE PLUS	DESCRIPTION
PERFORMANCE				
Native Change Tracking	●	●	●	Use native change tracking technologies (VMware CBT, Hyper-V RCT, Nutanix AHV CRT, Proxmox VE change tracking) to instantly identify modified data, and send only changed data (increments) to the destination.
Global Data Deduplication	●	●	●	Deduplicate backups across the entire Backup Repository, regardless of the platform.
LAN-Free Data Transfer	●	●	●	Use the HotAdd or Direct SAN access modes to increase data transfer speed while offloading production networks.
Advanced Bandwidth Throttling	●	●	●	Limit the speed of data transfer by configuring global or per-job bandwidth rules.
Network Acceleration	●	●	●	Increase performance in busy LAN and WAN environments with built-in Network Acceleration.
Swap Data Exclusion	●	●	●	Automatically exclude swap data in VMware VMs, Hyper-V VMs, Proxmox VMs, Nutanix AHV VMs, and Amazon EC2 instances.
Log Truncation	●	●	●	Truncate Exchange and SQL log files after a successful machine backup or replication so they don't consume all the free disk space on the server.
External Database	●	●	●	Switch from the built-in H2 database used in NAKIVO Backup & Replication to an external PostgreSQL database to prevent corruption in large environments.
ADMINISTRATION				
Overview Dashboard	●	●	●	Get a status summary of all your data protection activities, solution components, and issues to address in simple widgets.
Auto-Update	●	●	●	Get automatic notifications of available updates. Click the notification link in the product's UI to install necessary updates.
Live Chat with Tech Support	●	●	●	Contact NAKIVO technical support directly from the web interface.
Job Chaining	●	●	●	Link jobs so that they run one after another to optimize the data protection process.

Feature	Pro / Pro Essentials	Enterprise / Enterprise Essentials	Enterprise Plus	Description
Self-Backup				Automatically back up entire configuration, including all jobs, inventory, information about connected transporters, repositories, etc.
Calendar				View all past, current, and future jobs in a simple calendar view to easily find open time slots for new jobs and identify possible job overlaps.
Global Search				Instantly find VMs, backups, replicas, jobs, repositories, Transporters, and other objects; act on search results. Quickly search and recover files and folders within backups based on criteria like name, type, recovery point date, and location.
Active Directory Integration				Integrate with Microsoft Active Directory and map user groups to NAKIVO Backup & Replication user roles.
HTTP APIs				Integrate NAKIVO Backup & Replication with monitoring, automation, and orchestration solutions via HTTP API.
Role-Based Access Control				Assign preset and custom roles and associated rights and permissions to users.
Two-factor Authentication				Enable two-factor authentication (2FA) to prevent unauthorized access to your data protection activities.
Monitoring				
Monitoring for VMware	***	***	***	Monitor CPU, RAM, and disk usage of VMware vSphere hosts and VMs, as well as disk usage of vSphere datastores in real time. Create custom alerts to detect suspicious activity and get comprehensive reports about VMware VMs, hosts and datastores.
BaaS and DRAAS				
MSP Console				Deliver full BaaS/DRaaS services to clients or manage client environments with standalone instances of NAKIVO Backup & Replication from the advanced MSP dashboard.
Tenant Overview Dashboard				View the current status and activities of all existing tenants, track usage trends, and identify issues early on without the need to check each one individually.
Multi-Tenancy				Create or add up to 100 isolated tenants within a single copy of the product. Tenants can represent business units, branch offices, departments, customers or any other entities.
Self-Service				Offload data protection and recovery tasks to tenants via the self-service portal.

FEATURE	PRO / PRO ESSENTIALS	ENTERPRISE / ENTERPRISE ESSENTIALS	ENTERPRISE PLUS	DESCRIPTION
Branding				Customize the appearance of customers' interfaces to match your company's branding.
Tenant Resource Allocation				Assign infrastructure resources (host, clusters, VMs, Transporters, Backup Repositories, etc.) to tenants.
Direct Connect				Access remote resources of tenants via a single port connection, without requiring a VPN.

*Available only for VMware and/or Hyper-V

**Purchased separately with a subscription license. Can be combined with any other license type (perpetual or subscription) and with any NAKIVO Backup & Replication edition.

***Purchased separately with a subscription or perpetual license. Can be combined with any other NAKIVO Backup & Replication license type (perpetual or subscription) and edition.