

Competitive Advantage

Barracuda Backup

Easy Cloud-Connected Backup



Barracuda Backup at a Glance

Purchase

- No per-server or per-application fees
- Free 30-day evaluation
- Flexible purchasing options

Deployment

- Available as a physical or virtual appliance
- Can be up and running in as little as 30 minutes
- Flexible cloud-connected and private deployments
- Globally distributed enterprise-grade data centers

Protection

- Agent and agentless backups
- Incremental forever (CBT)
- NAS/SAN protection
- Inline, source- and target-based deduplication
- Direct-to-cloud backup of Office 365

Replication

- Real-time inline replication to offsite storage
- 256-bit AES encryption in-flight and at rest
- Built-in WAN acceleration

Management

- Cloud-based central management
- Seamless multi-site administration
- Comprehensive reporting and email notifications
- Role-based user management
- Simple interface requires less time to manage

Recovery

- LiveBoot and Cloud LiveBoot instant VMware recovery
- LiveBrowse granular recovery for VMware and Hyper-V
- Physical-to-virtual restoration to VMware and Hyper-V
- Bare metal restoration of Windows systems
- Granular Exchange email recovery
- Next business day hardware replacement*
- Pre-loaded data and configs on replacement appliance*

Retention

- Storage efficiency enables more recovery points
- Offsite Vaulting enables up to 7 years of retention
- Export data to external media for compliance and extended retention periods

Data Growth

- Hardware refresh every 4 years*
- Scalable solutions that grow with your business

Support

- 24/7 live technical support with no phone trees
- Industry recognized with award-winning customer support



Barracuda Backup is a comprehensive cloud-integrated solution that protects physical, virtual, and SaaS environments. Barracuda Backup is simple to deploy, offers built-in offsite replication, and is easy to manage through our centralized cloud administration. With an extensive range of supported environments, Barracuda Backup can replace multi-vendor piecemeal backup solutions with an all-in-one backup appliance, while the Barracuda Backup Vx virtual appliances provide organizations the flexibility to leverage their existing infrastructure. Barracuda Backup supports replication to a remote Barracuda Backup appliance, virtual appliance, or secure transfer to Barracuda Cloud Storage using 256-bit AES encryption.

Barracuda Backup has taken a complex and vital function of our business and streamlined it. It has given us peace of mind that we have a robust disaster recovery plan in place for all situations.

Brian Burns
IT Director
High Sierra Sport Company

*With a current and maintained Instant Replacement subscription.

The Barracuda Backup Advantage

FEATURE	BARRACUDA ADVANTAGE	BARRACUDA BACKUP	VEEAM
Flexibility	Barracuda Backup appliances provide an all-in-one, integrated solution with software, storage, and offsite replication right out of the box, while the Barracuda Backup virtual appliance provides a software-based solution for organizations that prefer to use their own hardware.	●	
Source-based Deduplication	Only block-level changes to files are transferred to Barracuda Backup, providing shorter backup windows, reduced network load, and less storage required for the backup.	●	●
Incremental Forever	After the initial full backup, every backup is incremental, shortening backup windows and reducing network usage.	●	●
Global Deduplication	Barracuda's block-level, global deduplication provides significant storage reduction across the entire environment, not just on a per-job or per-schedule basis.	●	
Real-time Inline Replication	Replication of data offsite begins immediately as new, unique data reaches the appliance, reducing bandwidth consumption and rapidly achieving "DR Readiness."	●	Partial
Cloud-based Central Management	Provides seamless multi-site administration, the ability to securely manage backups from anywhere, and maintains access to data even during a site disaster.	●	
LiveBoot and Cloud LiveBoot for VMware	Instant recovery of VMware virtual machines both locally and in Barracuda Cloud Storage. Cloud LiveBoot enables a virtual sandbox and provides enhanced backup verification.	●	Partial
LiveBrowse for VMware and Hyper-V	Granular file recovery from agentless, deduplicated VMware and Hyper-V virtual machine backups without the need for rehydration.	●	●
Mixed Environments	Barracuda Backup not only provides agentless, host-based virtual machine protection for VMware and Hyper-V, but can protect physical servers, Citrix XenServer VMs, Red Hat KVM VMs, and NAS/SAN devices as well.	●	
Offsite Vaulting	Reduces local storage on the backup appliance while enabling up to 7 years of data retention in Barracuda Cloud Storage. This also reduces the amount of labor required for managing external media such as disk or tape.	●	
Globally Distributed Data Centers	Barracuda Cloud Storage is hosted on globally distributed enterprise-grade datacenters for fast replication and in-region disaster recovery.	●	Partial
Proven Solution	Barracuda Backup has over 23,000 active solutions in the field, continuously winning the title as the most shipped integrated backup appliance in the world according to IDC's Purpose Built Backup Appliance Tracker.	●	

Substantiation

1. Flexibility

Barracuda Backup appliances provide an all-in-one, integrated solution with software, storage, and offsite replication right out of the box, while the Barracuda Backup virtual appliance provides a software-based solutions for organizations that prefer to use their own hardware.

[Datasheet - Barracuda Backup](#)

Veeam Backup & Replication is a partial solution that is only available as software. To complete the solution, you must add third-party hardware to store backups, third-party cloud storage or external media for disaster recovery. Additional backup software for physical devices is also needed.

2. Source-based Deduplication

Only block-level changes to files are transferred to Barracuda Backup, providing shorter backup windows, reduced network load, and less storage required for the backup.

[Whitepaper - Barracuda Backup Deduplication](#)

3. Incremental Forever

Leveraging source-based deduplication using the Barracuda Backup Agent and Changed Block Tracking (CBT) for VMware, Barracuda is able to run permanent incremental backups after an initial full backup has been completed.

4. Agentless Backup

Barracuda Backup provides a comprehensive disaster recovery option by utilizing the vStorage APIs for Data Protection (VADP) from VMware. It also uses Barracuda Backup Agent for Hyper-V to backup and restore a virtual machine's configuration and disks.

5. Real-time Inline Replication

Barracuda's inline deduplication process is able to both deduplicate and replicate instantly as new data reaches Barracuda Backup, reducing bandwidth consumption and rapidly achieving "DR Readiness."

Veeam's replication is job-driven, meaning you must schedule a time for replication to occur or start the job manually. If a disaster were to occur before the replication job is started, that data is lost.

[Veeam Backup Guide for VMware - Replication](#)

6. Cloud-based Central Management

Provides seamless multi-site administration, the ability to securely manage backups from anywhere, and maintains access to data even during a site disaster.

Veeam offers central administration of multiple backup servers, but lacks the advantages of a cloud-based management interface and readily available access to data at all times. Devices are linked together and can create an abundance of network traffic by sending queries and updates to one another.

[Veeam Backup Guide for VMware - Distributed Deployment](#)

7. LiveBoot and Cloud LiveBoot for VMware

Access instant recovery of VMware virtual machines both locally and in Barracuda Cloud Storage. Cloud LiveBoot enables a virtual sandbox and provides enhanced backup verification.

[Solutions Brief - Understanding LiveBoot Recovery](#)

[Solutions Brief - Understanding Data Verification and Disaster Recovery Using Barracuda Cloud LiveBoot Recovery](#)

Veeam offers local instant recovery of virtual machines.

However, unlike Barracuda, customers replicating to the cloud cannot access their virtual machines "on-demand."

[User Guide for VMware vSphere - Instant VM Recovery](#)

8. LiveBrowse for VMware and Hyper-V

Granular file recovery from agentless, deduplicated VMware, and Hyper-V virtual machine backups without the need for rehydration.

9. Mixed Environments

Barracuda Backup not only provides agentless, host-based virtual machine protection for VMware and Hyper-V, but can protect physical servers, Citrix XenServer VMs, Red Hat KVM VMs, and NAS/SAN devices as well.

Veeam only supports VMware and Microsoft Hyper-V. They offer no method of protection for physical servers or NAS/SAN devices. Additionally, disks that prevent snapshots, such as Physical RDMs or Independent Disks in VMware, are unable to be protected by Veeam.

[VMware Knowledge Base](#)

10. Offsite Vaulting

Reduces local storage on the backup appliance while enabling up to 7 years of data retention in Barracuda Cloud Storage. This also reduces the amount of labor required for managing external media such as disk or tape. [Learn More](#)

11. Globally Distributed Datacenters

Barracuda Cloud Storage is hosted on 7 globally distributed enterprise-grade data centers for fast replication and in-region disaster recovery.

12. Proven Solution

Barracuda Backup has over 23,000 active solutions in the field, continuously winning the title as the most shipped integrated backup appliance in the world according to IDC's Purpose Built Backup Appliance Tracker.

[Barracuda Backup IDC Brief](#)

