

# NetBackup Self-Service 9

Backup made simple.



Empower IT operations, application owners and even individual business users with an easy-to-use web portal, Veritas NetBackup™ Self-Service, to perform backup and restore jobs independently without having to pick up the phone or join the queue at your help desk.

Your backup team defines the catalog of backup and recovery policies and comprehensive, automated workflows to enforce standards and ensure frictionless governance that lets you sleep at night.

## UNLOCK AGILITY AND BOOST PRODUCTIVITY

Enable your organization with quick, on-demand access to backup copies and push-button recovery, removing delays and the manual, routine work of existing processes. With granular role-based access controls (RBAC) and policy-based options available to each user or group, you're in complete control.

NetBackup Self-Service 9 lets enterprises and service providers experience comprehensive multi-tenancy and orchestration capabilities for managing backup as a service (BaaS). (See Figure 1.)

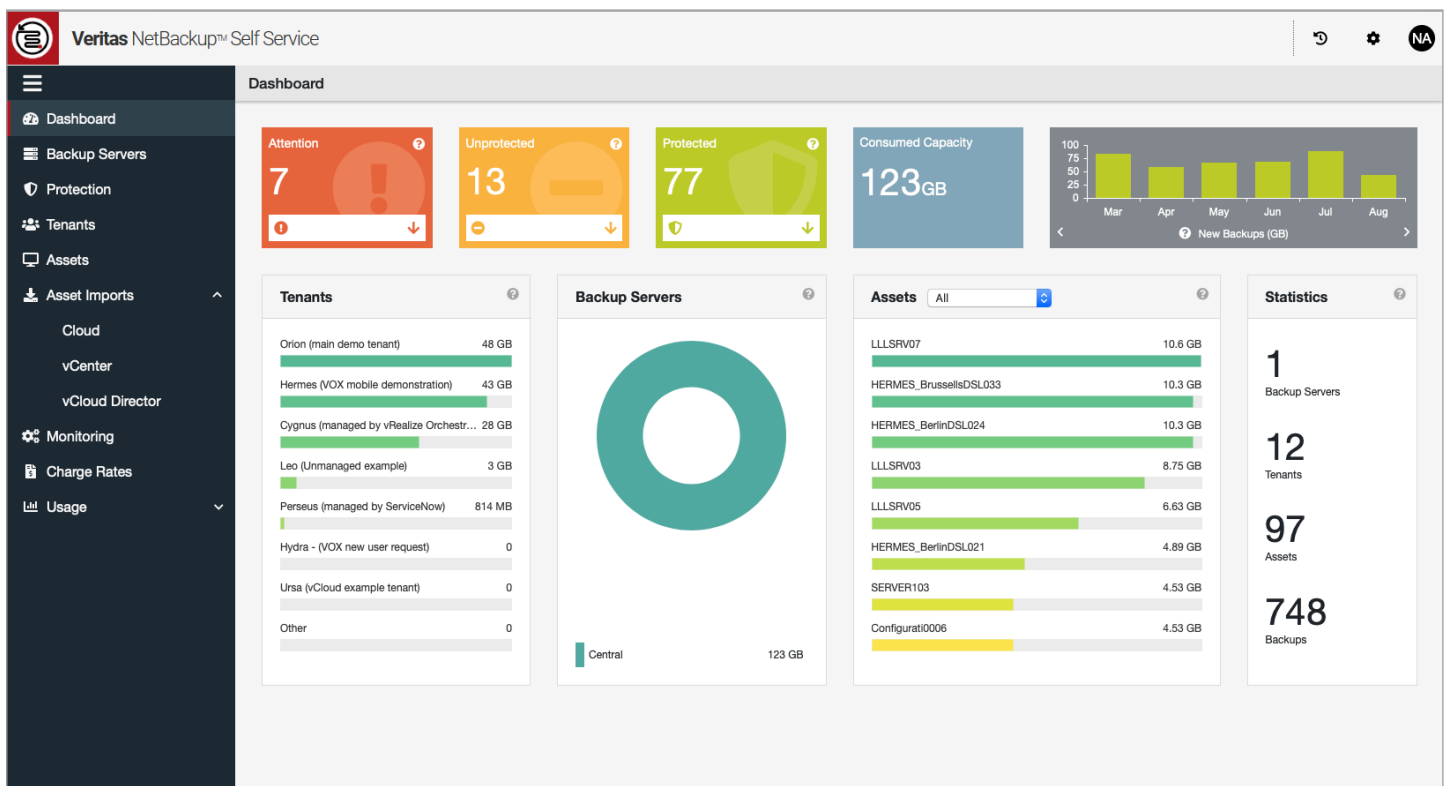


Figure 1. The NetBackup Self-Service web UI dashboard showcases an overview of your system, tenant allocation and vital information in one place.

## WHY NETBACKUP SELF-SERVICE?

### Multi-tenancy with secure separation of assets

Deploy any type of multi-tenant architecture based on your customers' requirements—shared all, shared compute with private storage architecture or shared nothing. The NetBackup Self-Service gateway abstracts the infrastructure complexity of the back end from your customers while keeping their data secure. Using NetBackup Self-Service, tenants can:

- Protect or unprotect machines.
- Restore files, virtual machines (VMs), SQL and Oracle or use Agentless Restore File.
- Control backup expiration.
- Track usage reporting.

To view more capabilities, visit the [NetBackup Self-Service Configuration Guide](#).

### Compelling and intuitive UI integrations

NetBackup Self-Service gives organizations the freedom to use a UI portal for desktops and laptops as well as a phone administrative interface. Integration with Slack, Microsoft Teams, vRealize and ServiceNow provides greater administrative flexibility, allowing NetBackup Self-Service to deliver advanced orchestration. NetBackup Self-Service also provides:

- An easy-to-use, customizable portal.
- Integration with IT service management (ITSM) solutions, cloud management platforms, enterprise directory services and more.

### Simplified management

Embrace agility and boost employee productivity by increasing efficiency with NetBackup Self-Service. By consolidating backup tools, it reduces complexity and drives down cost. Multi-tenancy and automation let it eliminate manual jobs, reduce risk through policy-based user option controls and provide the comfort of knowing your data is protected. By automating the workflow of common backup and recovery requests and processes, NetBackup Self-Service allows your teams to reduce time-consuming routine operations while improving user satisfaction with the self-service portal. Automatic discovery and registration of new servers and VMs helps you shorten setup time and mitigate the risk of unprotected servers. With NetBackup Self-Service you can:

- Define and maintain backup schedules.
- Define and maintain backup policies.
- Run on-demand backups.
- Run on-demand restores of files and VMs.

### Efficient backup policy for accurate notifications

A new option is added to exclude protected clients that have no backups from triggering an attention alert state by the traffic light system. This option is configured within protection policies (see Figure 2).

This option is useful for script-based applications where the policies are created automatically but never used, meaning that no backup is made. The benefit of excluding one or more unused policies is that you no longer receive incorrect notifications, which lets you concentrate on the issues that require your attention.

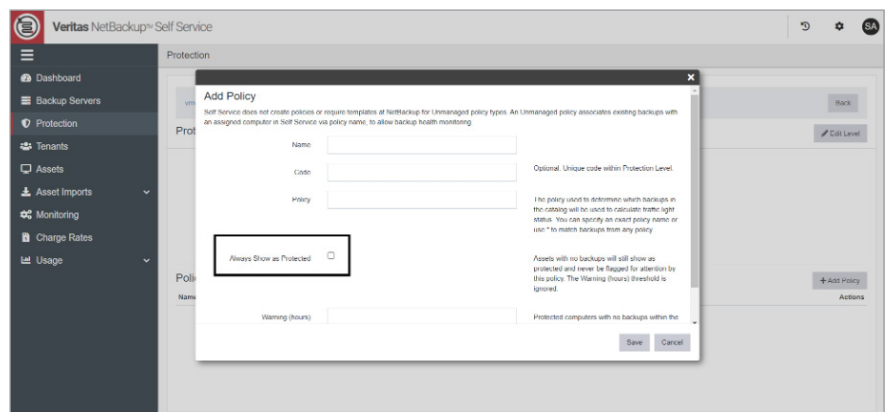


Figure 2. NetBackup Self-Service provides an option to never show a flag for protected clients with no backups.

## Simplified installation and configuration

The installation and configuration improvement provide access to the API connection string through a new option in the installation wizard called Edit Directa API Connection String (see Figure 3).

## Cost-effective

NetBackup Self-Service's multi-tenancy option can help maximize your infrastructure and storage resource use. Combined with automated policies that guide retention schedule and storage tier choices, for example, NetBackup Self-Service helps you balance service-level objectives (SLOs), compliance requirements and spend. Cost tracking and proactive notification options in the self-service portal can deliver educational benefits to your users, potentially change their behavior and drive down waste. NetBackup Self-Service helps you:

- Increase efficiency and eliminate manual jobs.
- Automate discovery and protection of new servers and VMs.
- Catalog with automated workflows and policies.
- Manage cost reporting and tracking.

## Complete visibility and control

With NetBackup Self-Service, you maintain a centralized service catalog for all backup and recovery workflows and policies, so you can confidently meet your corporate compliance guidelines. You can create users with different levels of access, taking advantage of predefined sets of user roles that you can customize and then assign to individual users or groups, according to your organization's security policies. Or simply extend your corporate user controls and policies to the self-service portal by integrating your existing LDAP or Active Directory servers with NetBackup Self-Service. With one central user administration console, you have real-time access to reporting on all aspects of your backup and recovery environment—from usage reporting and cost tracking to a dashboard with actual protection-level status:

- Assign role-based access.
- View a single dashboard with real-time protection and restoration status.
- Set on-demand and threshold usage alerts.
- Control expiration of backups.

## Extensive backup retention

Previous versions of NetBackup and NetBackup Self-Service only supported retention periods to 2038. That date was also the limit for infinite retention. The maximum retention period is now extended to the year 3000. This change provides greater flexibility for users who want longevity for their backups. Further information about this change is available in the [NetBackup Release Notes](#).

## Enhanced security support with UNIX and Linux NetBackup primary servers

NetBackup Self-Service communicates with UNIX and Linux NetBackup primary servers using SSH. This release adds support for the following new Key Exchange Algorithms to allow for more secure communications:

- curve25519-sha256
- curve25519-sha256@libssh.org
- ecdh-sha2-nistp256
- ecdh-sha2-nistp384
- ecdh-sha2-nistp521
- diffie-hellman-group14-sha256
- diffie-hellman-group16-sha512

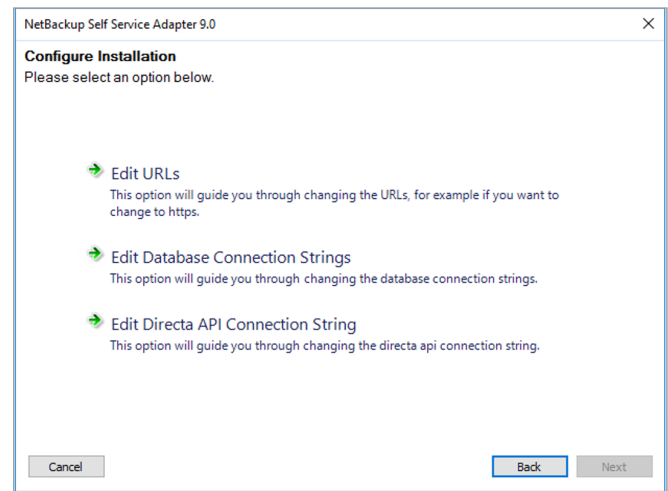


Figure 3. The installation wizard for NetBackup Self-Service Adapter.

## Designed with VMware for VMware

### VMware Agentless Restore

In addition to full VM restores, NetBackup Self-Service lets you recover individual files or folders along with security attributes without the need for NetBackup agent software on guest VMs:

- Recovery is handled via VMware vSphere APIs.
- Recovery can be either to the original or an alternate VM (see Figure 4).
- VM Restore allows granular control over disk provisioning options (see Figure 5).
- Selective in-place disk restores allow retention of the Managed Object Reference (MoRef) ID.

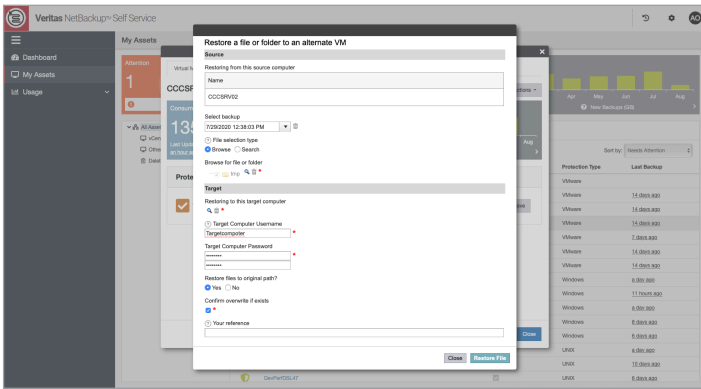


Figure 4. NetBackup Self-Service enables direct restores to the original or an alternate VM.

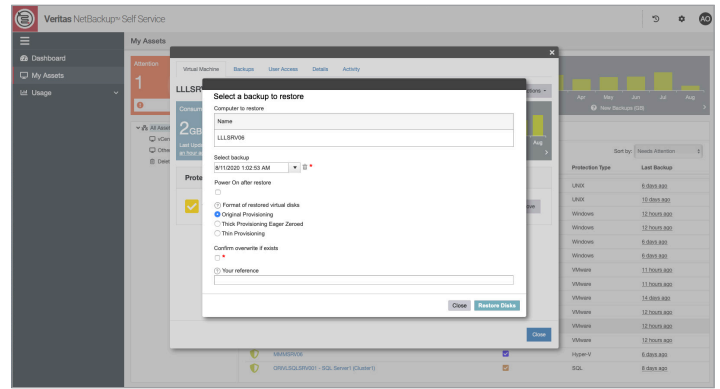


Figure 5. With NetBackup Self-Service, you get granular control over disk provisioning options when restoring VMs.

### VMware Auto-Discovery

NetBackup Self-Service auto-discovers VMware vCenter-based assets from multiple primary servers, allowing you to:

- Assign assets to tenants and Protection Types via flexible import filters (see Figure 6).
- View new vCenter nodes in the asset browser (see Figure 7).

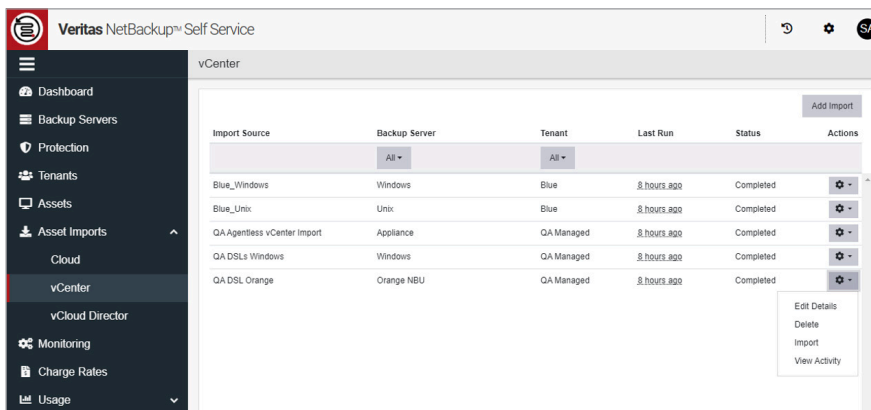


Figure 6. The flexible import filters available in NetBackup Self-Service.

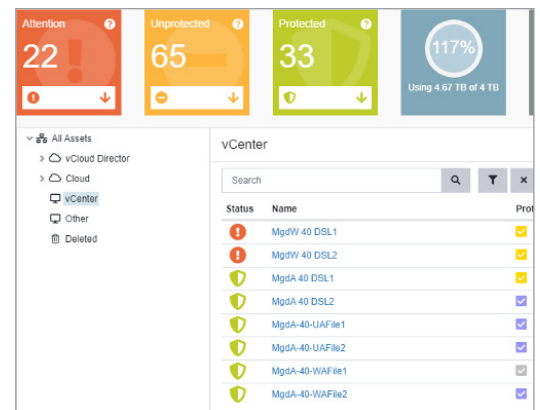


Figure 7. An overview of new vCenter nodes in the asset browser.

## NetBackup Self-Service plug-in for VMware vCloud Director

The new NetBackup Self-Service plug-in for vCloud Director extends the vCloud Director portal to enable BaaS operations using a REST API (see Figure 8). With the plug-in you can:

- Carry out protect and recovery actions of virtual data centers, vApps and VMs.
- Access a dashboard view that displays the NetBackup protection status of VMware assets.
- Follow simple, wizard-based configuration.

## Strengthened VMware Cloud Director import

New VMware Cloud Director 10.2 APIs are used to improve import performance. The API provides the vSphere name so NetBackup Self-Service no longer needs to also connect to vCenter.

This performance improvement has an added benefit whereby all imports from VMware Cloud Director 10.2 no longer require vCenter credentials, allowing you to seamlessly import. The credentials are only required for VMware Cloud Director versions 9.5 to 10.1.

## HOW IT WORKS

Figure 9 illustrates NetBackup Self-Service in action.

Other NetBackup Self-Service improvements include:

- Support for SQL Server TDE (transparent data encryption) and TLS (Transport Layer Security).
- Ability for administrators to easily change the NetBackup Self-Service database connection string using the Self-Service Configurator.

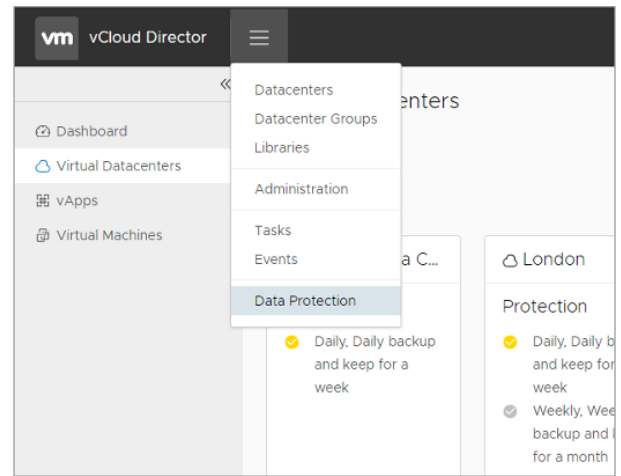


Figure 8. The new Data Protection menu prompt in vCloud Director lets you view the status of all vCloud assets.

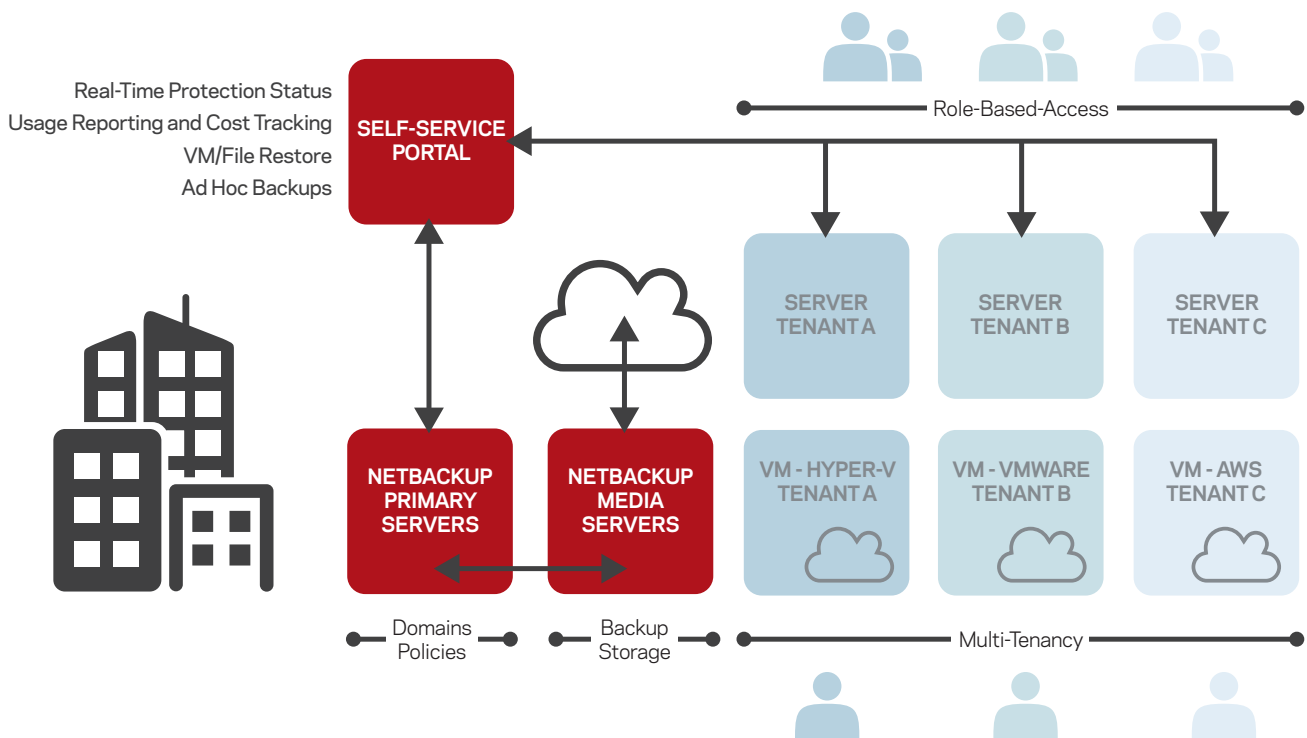


Figure 9. An overview of how NetBackup Self-Service works to protect your customers' data, no matter where it resides.

## GETTING STARTED IS EASY

Getting started with NetBackup Self-Service is easy and intuitive. No modifications are required to your existing NetBackup environment. All you need is two servers or VMs—one for the web portal and one for the Microsoft SQL database. From there, you simply use the portal to administer your users and policies.

Request a free trial by completing a simple registration form and we'll be happy to help you get started quickly.

[Start Today](#)

---

## ABOUT VERITAS

Veritas Technologies is a global leader in data protection, availability and insights. Over 80,000 customers—including 87 percent of the Fortune Global 500—rely on Veritas to abstract IT complexity and simplify data management. The Veritas Enterprise Data Services Platform automates the protection and orchestrates the recovery of data everywhere it lives, ensures 24/7 availability of business-critical applications, and provides enterprises with the insights they need to comply with evolving data regulations. With a reputation for reliability at scale and a deployment model to fit any need, the Veritas Enterprise Data Services Platform supports more than 800 different data sources, over 100 different operating systems, more than 1,400 storage targets, and more than 60 different cloud platforms. Learn more at [www.veritas.com](http://www.veritas.com). Follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

---

2625 Augustine Drive, Santa Clara, CA 95054  
+1 (866) 837 4827  
[www.veritas.com](http://www.veritas.com)

For specific country offices and contact numbers, please visit our website.  
[www.veritas.com/company/contact](http://www.veritas.com/company/contact)

**VERITAS™**