



NetVault

Azure Marketplace Deployment Guide

July 2019



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Legend

 **WARNING:** A WARNING icon indicates a potential for property damage, personal injury, or death

 **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

 **IMPORTANT, NOTE, TIP, MOBILE, or VIDEO:** An information icon indicates supporting information.

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Overview

Introduction

This document outlines the recently introduced NetVault Backup 12.3 image on Microsoft Azure. Quest provides this as a way to simplify deployment of NetVault in Microsoft Azure.

The document includes steps to download and deploy the Virtual Machine image.

Scope

This document outlines only the basic steps to access and deploy the Virtual Machine image to the point where NetVault can run. Azure infrastructure configuration including networking is outside the scope of this document.

Supporting Infrastructure

Quest Data Protection also provide the following Virtual Machine images on the Azure Marketplace. These can be used in conjunction with NetVault to extend data protection capabilities;

[QoreStor 5.1](#) - Software-defined secondary storage platform for backup

[Foglight for Virtualization](#) - Visualize, analyze and optimize your infrastructure, including backup.

[Rapid Recovery](#) - Fast backup and instant recovery for demanding RTOs and RPOs

Azure Marketplace Image

The Virtual Machine image can be found here;

https://azuremarketplace.microsoft.com/en-us/marketplace/apps/quest.netvault-windows-12-3?tab=Overview&es_p=9665026

NetVault® Backup 12.3 (Windows) (0) Write a review

Overview **Plans + Pricing** **Reviews**

Cloud Ready Data Protection for Hybrid Data Centers

Protect your applications and data in complex IT environments — from one intuitive console — with this scalable backup and recovery solution. NetVault® Backup supports multiple server and application platforms in both physical and virtual environments. That means you can ensure the availability of your critical data across all of your IT infrastructure.

With NetVault, you can protect a massive number of servers containing petabytes of data — from one web-based console. It supports multiple operating systems, applications, databases and storage devices. Such cross-platform versatility makes it easy for you to tailor NetVault Backup to match the ever-changing and growing landscape of your IT infrastructure.

NetVault can be deployed on Microsoft Azure public cloud services using this application, as well as on-premises on a physical or virtual system.

NetVault supported server platforms:

- Microsoft Windows Server 2012, 2016, 2019; Linux (RHEL 7.x, SLES 12 SP3) and other Windows and Linux platforms

NetVault supported client platforms:

- Windows (hybrid and pure 64-bit), most Linux platforms, AIX, Solaris (SPARC and x86/x64-64), HP-UX and MAC

NetVault supported applications and databases:

- Oracle, SQL Server, Exchange Server, SharePoint, DB2, Domino, MySQL, PostgreSQL, Sybase, Teradata, SAP

NetVault supported virtualizations platforms:

- VMware and Hyper-V

[Learn more](#)

NetVault® Backup 12.3 (Windows) (0) Write a review

Overview **Plans + Pricing** **Reviews**

The cost of running this product is a combination of the selected software plan charges plus the Azure infrastructure costs for the virtual machines on which you will be running this software. Your Azure infrastructure price might vary if you have enterprise agreements or other discounts.

To view pricing in a different currency, change the [billing country/region](#). Costs might vary by deployment region.

Software plan details

NetVault® Backup 12.3 (Windows)
Enterprise data protection simplified

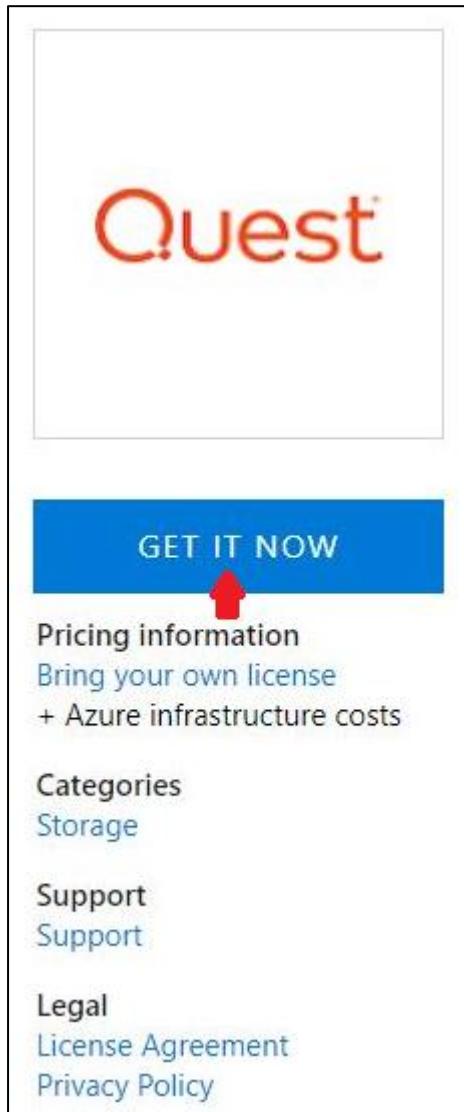
Pricing by virtual machine instance [Download table as CSV](#)

Virtual Machine		Configuration			Cost per hour		
Instance	Category	Cores	RAM	Disk Space	Drive Type	Infrastructure Cost	Software Cost
D5SV2*	General Purpose	4	14GB	28GB	SSD	\$0.504	BvOL
D5AV2*	General Purpose	8	28GB	56GB	SSD	\$1.008	BvOL
D5SV2*	General Purpose	16	56GB	112GB	SSD	\$2.016	BvOL
D8SV3*	General Purpose	8	32GB	64GB	SSD	\$0.752	BvOL
D96SV3*	General Purpose	16	64GB	128GB	SSD	\$1.504	BvOL

*Premium storage is available for this type of virtual machine. [Learn more](#)

Deploying the Image

Click on “Get it now” to start the deployment of the Virtual Machine Image into an Azure instance



Then click “continue”.

The cost of running this product is a combination of the selected software plan charges plus the Azure infrastructure costs for the virtual machines on which you will be running this software.

Create this app in Azure

NetVault® Backup 12.3 (Windows) By Quest

Software plan
NetVault® Backup 12.3 (Windows)
Pricing: Bring your own license + Azure infrastructure costs
Details: Enterprise data protection simplified

I agree to the provider's terms of use and privacy policy and understand that the rights to use this product do not come from Microsoft, unless Microsoft is the provider. Use of Azure Marketplace is governed by separate terms.

Continue

Instance	Category	Cores	RAM	Disk Space	Drive Type	Infrastructure Cost	Software Cost
DS3V2*	General Purpose	4	14GB	28GB	SSD	\$0.504	BYOL
DS4V2*	General Purpose	8	28GB	56GB	SSD	\$1.008	BYOL
DS5V2*	General Purpose	16	56GB	112GB	SSD	\$2.016	BYOL
DS8V3*	General Purpose	8	32GB	64GB	SSD	\$0.752	BYOL
DS16SV3*	General Purpose	16	64GB	128GB	SSD	\$1.504	BYOL

*Premium storage is available for this type of virtual machine. [Learn more](#)

The marketplace will link to your Azure portal. Click “Create” to go with the smallest recommended platform. Click “Start with a pre-set configuration” to select a platform based on Azure’s workload profiles.

Microsoft Azure

Home > NetVault® Backup 12.3 (Windows)

NetVault® Backup 12.3 (Windows) Quest

Create Start with a pre-set configuration

Want to deploy programmatically? [Get started](#)

Protect your applications and data in complex IT environments — from one intuitive console — with this scalable backup and recovery solution. NetVault® Backup supports multiple server and application platforms in both physical and virtual environments. That means you can ensure continuous availability of your business-critical systems, applications and data.

With NetVault, you can protect a massive number of servers containing petabytes of data — from one web-based console. It supports multiple operating systems, applications, databases and storage devices. Such cross-platform versatility makes it easy for you to tailor NetVault Backup to match the ever-changing and growing landscape of your IT infrastructure.

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NetVault supported virtualizations platforms:

- VMware and Hyper-V

Useful Links

- [NetVault: Enterprise Backup and Restore Solution](#)
- [NetVault Compatibility Guide](#)
- [Quest Support Offerings](#)

On the basics page, set the instance details and administrator account information. You can also change the instance type by clicking on “Change Size”

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

* Subscription: Visual Studio Enterprise

* Resource group: (New) NV-test

Instance details

* Virtual machine name: NetVault-test

* Region: (Asia Pacific) Japan East

Availability options: No infrastructure redundancy required

* Image: NetVault® Backup 12.3 (Windows)

* Size: Standard DS3 v2
4 vcpus, 14 GiB memory
Change size

Administrator account

* Username: [REDACTED]

* Password: [REDACTED]

* Confirm password: [REDACTED]

Review + create < Previous Next : Disks >

Next choose the disk type for system disks, and add any additional disks if required. The choice of disk type modifies the operating cost of the instance. Additional disks may be required to store NetVault VTL

Disk options

* OS disk type: Premium SSD

Enable Ultra SSD compatibility (Preview)

LUN	NAME	SIZE (GiB)	DISK TYPE	HOST CACHING

Create and attach a new disk Attach an existing disk

Advanced

Review + create < Previous Next : Networking >

Next configure the Network settings. The NetVault Virtual Machine image comes with some pre-configured rules.

The screenshot shows the 'Networking' tab of the Azure VM creation wizard. It includes fields for selecting a virtual network (NV-test-vnet), subnet (new NetVault-test-ip), and a pre-configured network security group (new NetVault-test-nsg). Accelerated networking is set to 'Off'. Load balancing options are also present.

Next configure any management settings appropriate for your Azure environment.

The screenshot shows the 'Management' tab of the Azure VM creation wizard. It includes options for enabling the Azure Security Center basic plan (selected), monitoring (boot and OS guest diagnostics), identity (system assigned managed identity off), and auto-shutdown settings (shutdown time at 7:00:00 PM, UTC Coordinated Universal Time, notification off).

Add any additional extensions.

The screenshot shows the Microsoft Azure portal interface for creating a new virtual machine. The left sidebar contains a navigation menu with various service icons. The main content area is titled 'Create a virtual machine' and is currently on the 'Extensions' tab. A note states: 'Add additional configuration, agents, scripts or applications via virtual machine extensions or cloud-init.' Below this, there's a section for 'Extensions' with a link to 'Select an extension to install'. Another section for 'Cloud init' notes that it's not supported for the selected image. At the bottom, there's a note about 'VM generation' (Gen 1 vs Gen 2) and a warning that Generation 2 VMs do not support certain Azure features like VM backup, Site Recovery, or Disk Encryption.

Add any tags.

This screenshot shows the 'Tags' step in the Azure virtual machine creation wizard. The interface includes a table for defining tags, with columns for 'NAME', 'VALUE', and 'RESOURCE'. A note explains that tags are used for categorizing resources and consolidating billing. It also mentions that tags will automatically update if resource settings change. At the bottom, there are navigation buttons for 'Review + create' and 'Next : Review + create >'.

And review the configuration.

Click “Create” to create the instance.

Azure will begin the deployment

And show you the output of the deployment once it is complete.

Your deployment is complete

RESOURCE	TYPE	STATUS	OPERATION DETAILS
shutdown-computevm-N	Microsoft.DevTestLab/scenario	Created	Operation details
NetVault-test	Microsoft.Compute/virtualMachineScaleSets	OK	Operation details
netvault-test796	Microsoft.Network/networkWatchers	Created	Operation details
NetVault-test-nsg	Microsoft.Network/networkSecurityGroups	OK	Operation details
NV-test-vnet	Microsoft.Network/virtualNetworks	OK	Operation details
NetVault-test-ip	Microsoft.Network/publicIPAddresses	OK	Operation details
nvtestdiag	Microsoft.Storage/storageAccounts	OK	Operation details

At this point, the Virtual Machine image is booted, and NetVault automatically starts.

Review the instance

View the Virtual Machine instance in the Azure portal to see all the information about the instance.

The screenshot shows the Azure portal interface for a virtual machine named "NetVault-test". The left sidebar contains navigation links for creating resources, home, dashboard, and various services like App Services, SQL databases, and Storage accounts. The main content area shows the "Overview" tab selected, displaying basic details such as Resource group (changed), Status (Running), Location (Japan East), Subscription (Visual Studio Enterprise), and Subscription ID (d7fa67d-c3a9-4f03-9a0f-14a2c15fd74). It also shows computer name (not available), operating system (Windows), size (Standard D53 V2 (4 vcpus, 14 GiB memory)), public and private IP addresses, virtual network/subnet (NV-test-vnet/default), and DNS name (Configure). Below this, there are four performance charts: CPU (average), Network (total), Disk bytes (total), and Disk operations/sec (average). Each chart includes a time range selector from 1 hour to 30 days.

If required, configure remote access to the operating system of the instance according to your company policies.

The NetVault Virtual Machine Image comes with some pre-configured Network rules. In this example, RDP is also configured. Your network policy may not allow RDP access enabled, this is just an example.

PRIORITY	NAME	PORT	PROTOCOL	SOURCE	DESTINATION	ACT
1010	NVUI	8443	TCP	Any	Any	✓
1020	NVControl	20031	Any	Any	Any	✓
1030	Port_3389	3389	TCP	Any	Any	⚠
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	✓
65001	AllowAzureLoadBalancerInBound	Any	Any	AzureLoadBalancer	Any	✓
65500	DenyAllInBound	Any	Any	Any	Any	✗

Using RDP to access the Virtual Machine, you can see that the OS is configured and NetVault already deployed.

And finally, access the NetVault UI.

The screenshot shows the Quest NetVault Server Monitor interface. At the top, there's a navigation bar with links for 'About' (which is underlined) and 'Contact'. Below the navigation bar, the Quest logo and 'NetVault' are prominently displayed, along with the text 'Version 12.3.0.15'. To the left, there's a chart titled 'Client Transfer Rate (MB / Sec)' showing data over a 1-hour period. A legend indicates the count of different job types: Active (blue), Waiting (orange), Pending (green), and Scheduled (purple). The chart shows a single active job with a rate of approximately 10 MB/sec. On the right side, there's a section for 'Running Job Count' with a graph showing one job running from 04:30. Below the graphs, there are sections for 'Events' and 'Logs'.

About us

We are more than just a name

We are on a quest to make your information technology work harder for you. That is why we build community-driven software solutions that help you spend less time on IT administration and more time on business innovation. We help you modernize your data center, get you to the cloud quicker and provide the expertise, security and accessibility you need to grow your data-driven business. Combined with Quest's invitation to the global community to be a part of its innovation, and our firm commitment to ensuring customer satisfaction, we continue to deliver solutions that have a real impact on our customers today and leave a legacy we are proud of. We are challenging the status quo by transforming into a new software company. And as your partner, we work tirelessly to make sure your information technology is designed for you and by you. This is our mission, and we are in this together. Welcome to a new Quest. You are invited to Join the Innovation.

Our brand, our vision. Together.

Our logo reflects our story: innovation, community and support. An important part of this story begins with the letter Q. It is a perfect circle, representing our commitment to technological precision and strength. The space in the Q itself symbolizes our need to add the missing piece — you — to the community, to the new Quest.

Contacting Quest

For sales or other inquiries, visit www.quest.com/company/contact-us.aspx or call 1-949-754-8000.

Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at <https://support.quest.com>.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product.