
Creating a VMware QuickSpin Backup Set

<https://campus.barracuda.com/doc/93198283/>

VMware QuickSpin allow you to back up VMware virtual machines frequently as well as restore in a matter of minutes.

VMware QuickSpin cannot back up to the cloud. If you need an off-site copy of the virtual machines you need a VMware Standard backup set in addition to a VMware QuickSpin set.

Best practices are to put QuickSpin backups on a different host than the one housing the virtual machines being backed up, but it is not a requirement for them to work. You should be able to run a VMware QuickSpin backup from any machine that can access and authenticate with the ESX/ESXi host or vCenter machine managing the virtual machines you want to back up.

During the Backup

If the virtual machines' host is not already recognized, you need to add the IP address of the ESX/ESXi host or vCenter machine managing the virtual machines.

If the Backup Agent needs credentials to authenticate with the server you added, it prompts you for them. After the host/vCenter has been added, a list of virtual machines available to be backed up are displayed

For a virtual machine to be eligible for backups, it must meet the following requirements:

- The UUID attribute must be enabled for the virtual machine you intend to back up.
- The virtual machine must use only SCSI disks.
- The virtual machine must not use dynamic disks.

For clarification, dynamic disks are excluded from being present at the guest operating system level; if you open Disk Management from within the guest OS and there are dynamic volumes present, they are not backed up.

Destination Host

The VMware QuickSpin backup replicates the source VM data to a standby VM on another host. You must select the Destination Host and the Datastore that host the recovery VMs. It is optional to designate a resource pool and VM folder; however, you must select **None** on the Recovery VM Destination page if you do not want these options.

When the backup runs, the recovery VM is updated so the backup/standby VM is always up to date as

of the latest backup. Whatever has changed between the last backup and the current backup is then stored in the local storage that you selected.

A VM cannot be part of more than one VMware Standard backup set or more than one QuickSpin backup at a time. However, a VM can be part of a VMware Standard and a VMware QuickSpin backup set simultaneously.

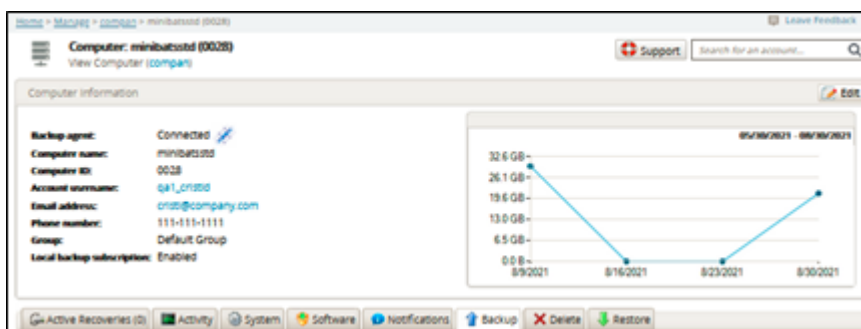
VMware QuickSpin Licensing

A monthly license fee is charged on a per ESXi host basis when 1 or more VMs are backed up from that ESXi host. The license fee is the same whether you back up 1 VM or many VMs on that ESXi host. This license fee is incurred for each ESXi host in your inventory that has one or more VMs being backed up.

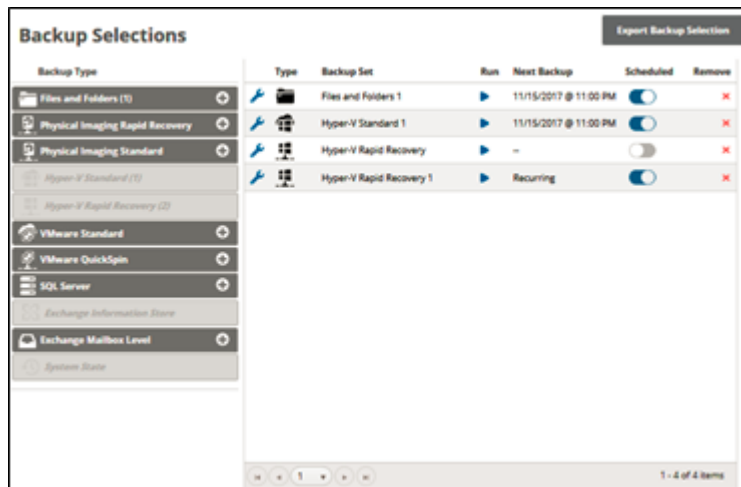
Backup Up

To create a VMware QuickSpin backup, perform the following steps.

1. Navigate to the Computer page. See [Navigating to the Computer Page](#) for instructions. The Computer page is displayed.



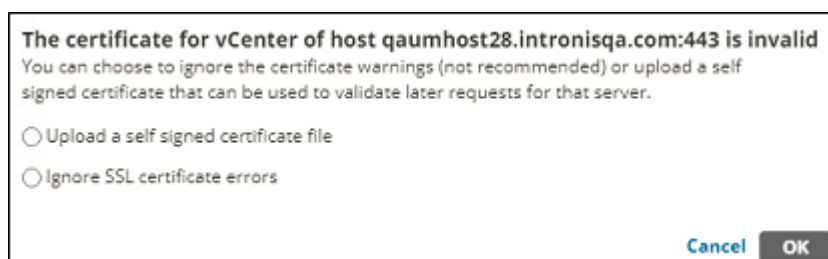
2. Click the **Backup** tab. The Backup Selections page is displayed.



3. In the Backup Type pane, click **VMware QuickSpin**.
 The Select page is displayed.




4. Click the Backup Name to provide a new name for the backup set or accept the default. See [Changing Backup Set Names](#).
 If the following error message is displayed, you must provide a valid certificate, otherwise your system security is at risk.




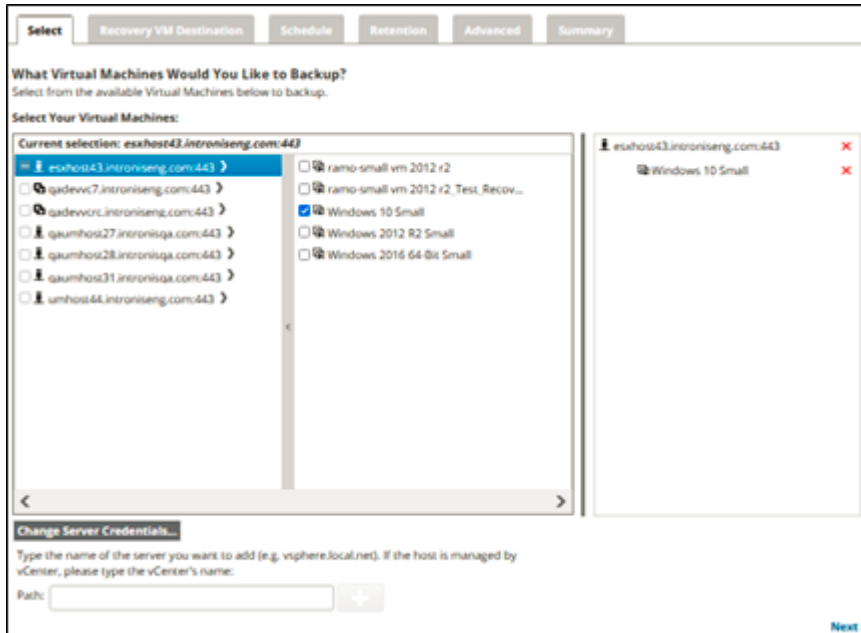
5. To upload a self-signed certificate, click the **Upload a self-signed certificate file** and then click **OK**.
 The Open dialog is displayed where you can select the certificate.
 See [Self-signed Certificates](#).

6. Select the VMs to be backed up.

Note: Any VMs that already are included in other backup sets are grayed out.

Clicking the arrow  at the right of the VM displays more revisions of the VM. Your selections are displayed in the far-right pane.

7. Click the remove icon  to remove any selections or clear the item check box.



Select Recovery VM Destination Schedule Retention Advanced Summary

What Virtual Machines Would You Like to Backup?
 Select from the available Virtual Machines below to backup.

Select Your Virtual Machines:

Current selection: esxhost43.introniseng.com:443

esxhost43.introniseng.com:443 >

qadevvc7.introniseng.com:443 >

qadevvcrc.introniseng.com:443 >

qaumhost27.intronisqa.com:443 >

qaumhost28.intronisqa.com:443 >

qaumhost31.intronisqa.com:443 >

umhost44.introniseng.com:443 >

ramo-small vm 2012 r2

ramo-small vm 2012 r2, Test, Recov...

☒ Windows 10 Small

☐ Windows 2012 R2 Small

☐ Windows 2016 64-Bit Small

esxhost43.introniseng.com:443

Windows 10 Small

Change Server Credentials...

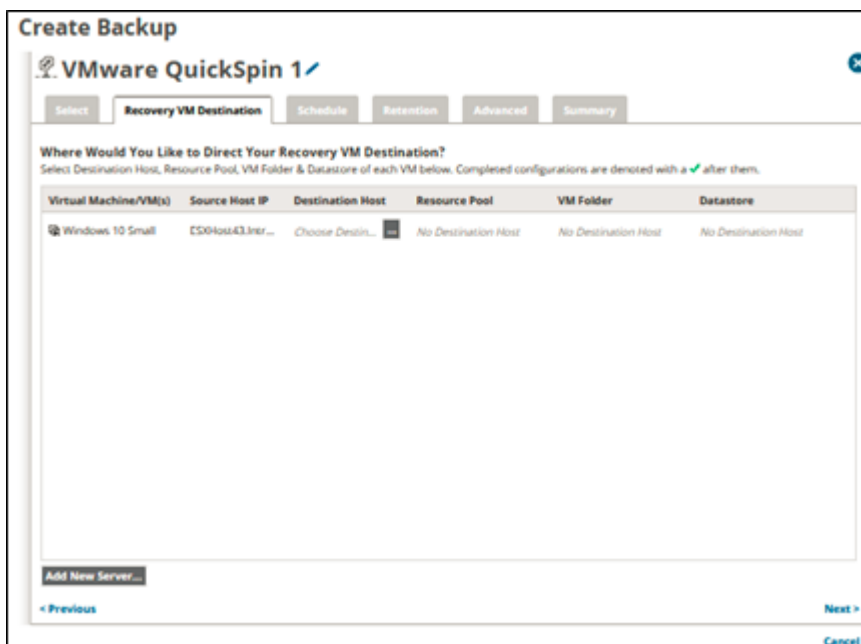
Type the name of the server you want to add (e.g., vsphere.local.net). If the host is managed by vCenter, please type the vCenter's name:

Path:

Next >

8. Click **Next**.

The Recovery VM Destination page is displayed.



Create Backup

VMware QuickSpin 1

Select Recovery VM Destination Schedule Retention Advanced Summary

Where Would You Like to Direct Your Recovery VM Destination?
 Select Destination Host, Resource Pool, VM Folder & Datastore of each VM below. Completed configurations are denoted with a ✓ after them.

Virtual Machine/VM(s)	Source Host IP	Destination Host	Resource Pool	VM Folder	Datastore
Windows 10 Small	ESXHost43.Int...	Choose Destin...	No Destination Host	No Destination Host	No Destination Host


Add New Server...

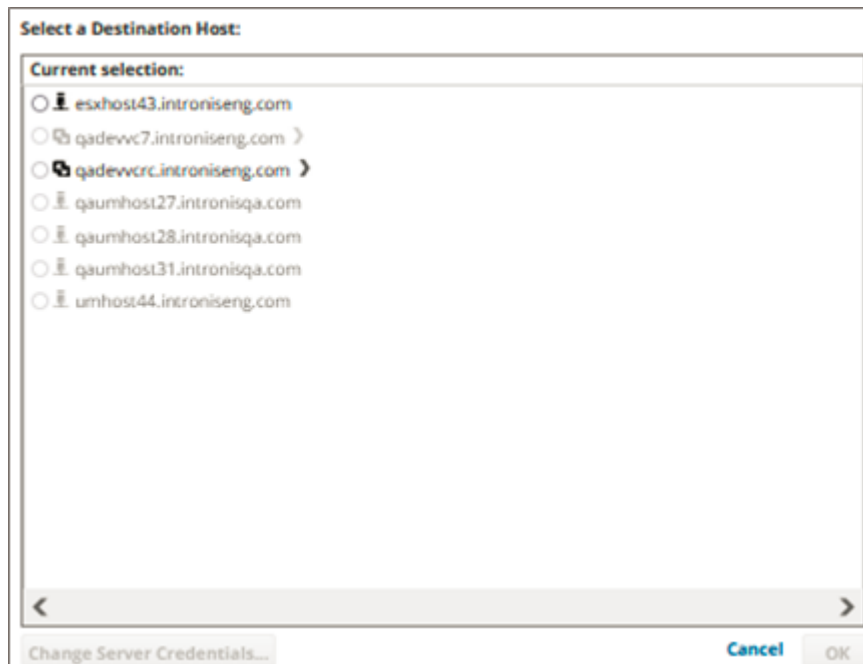
< Previous

Next >

Cancel

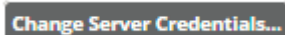
Requirements: You must select the **Destination Host** and the **Datastore** that is hosting the recovery VMs. It is optional to designate a **Resource Pool** and **VM Folder**; however, you must select **None** if you do not want these options.

9. To add a new ESXi or vCenter server, see [Adding a New ESXi or vCenter Server](#).
10. Select the ellipsis  in the Destination Host column.
The Destination Host pop up is displayed.

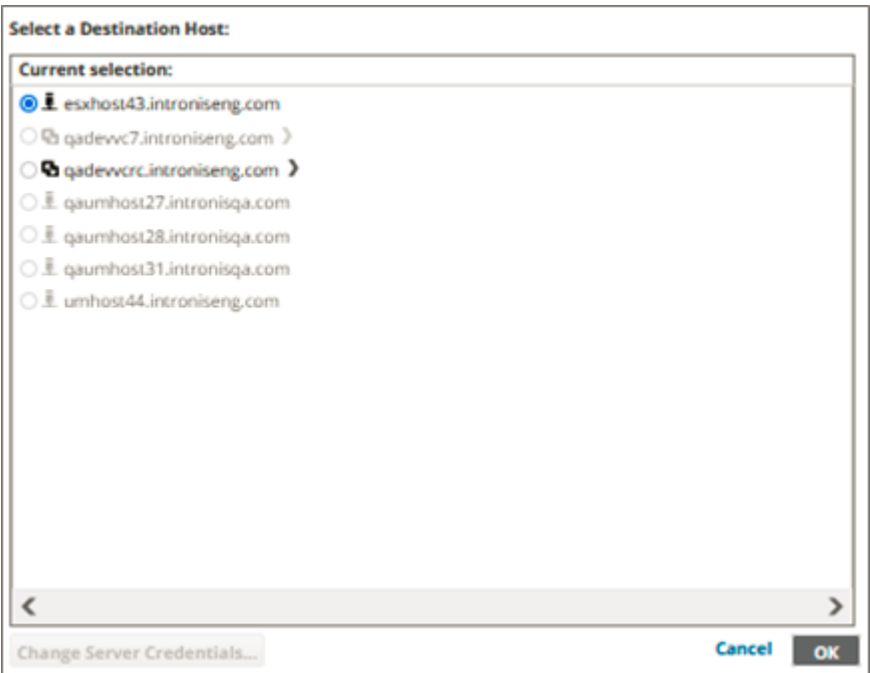
**CAUTIONS!**

As a best practice, select an ESXi host for the restore destination that does not already contain the protected VM. Otherwise, both the protected and recovery VM could be lost. To increase the recoverability of the VM, protect it by using a VMware Standard backup set in addition to this VMware QuickSpin backup set. This action protects the VMs by storing both a local and cloud backup of your VM.

11. Click the Destination Host.
The Change Server Credentials option is activated.




12. To change server credentials, see [Changing Server Credentials](#).
13. Select the Destination Host radio button, and then click **OK**.

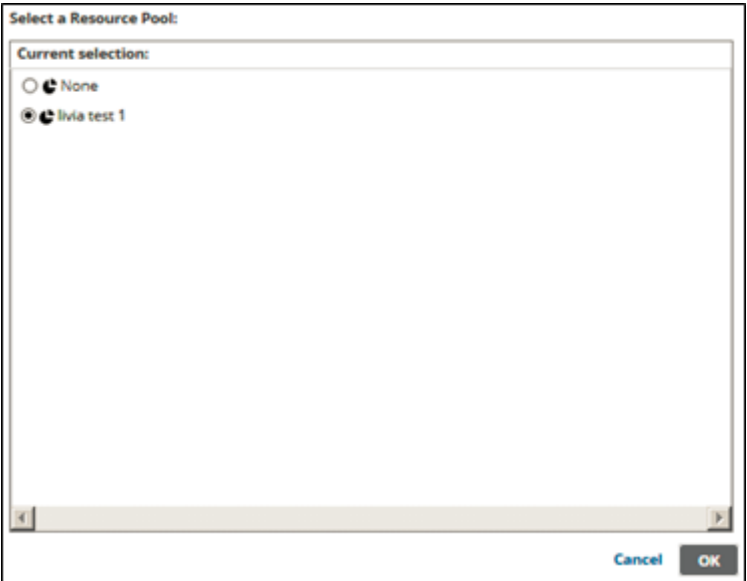


14. Select the VM Folder radio button or the **None** radio button, if you do not want a VM Folder, and then click **OK**.
The ellipses are displayed for the other options.

Where Would You Like to Direct Your Recovery VM Destination?
Select Destination Host, Resource Pool, VM Folder & Datastore of each VM below. Completed configurations are denoted with a ✓ after them.


Virtual Machine/VM(s)	Source Host IP	Destination Host	Resource Pool	VM Folder	Datastore
Windows 10 Small	ESXHost43.Intr...	esxhost43.intr...	None	Not required	Choose a Datast...

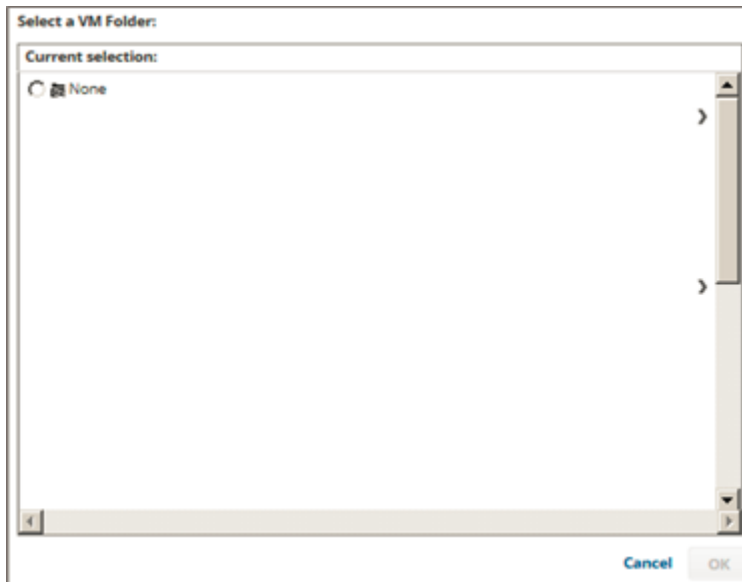
15. Select the ellipsis  in the Resource Pool column.
The Resource Pool pop up is displayed.



16. Select the Resource Pool radio button or the **None** radio button, if you do not want a Resource

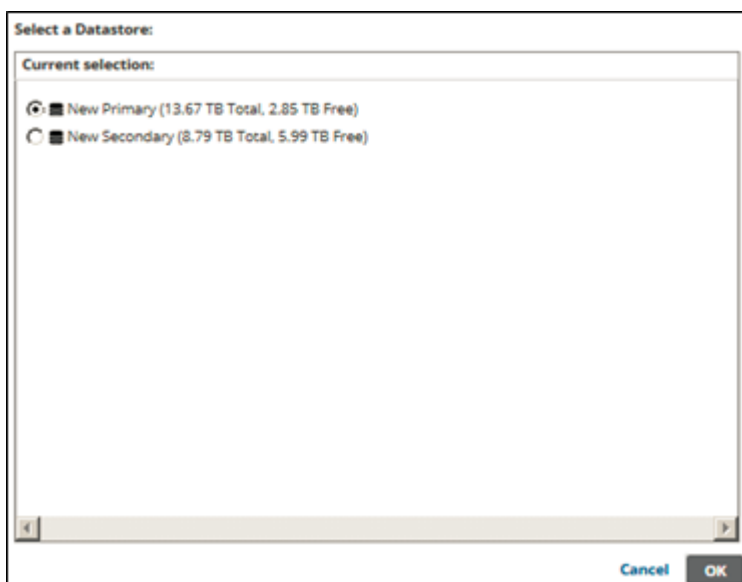
Pool, and then click **OK**.

Select the ellipsis  in the VM Folder column, if required.
The VM Folder pop up is displayed.



17. Select the VM Folder radio button or the **None** radio button, if you do not want a VM Folder, and then click **OK**.



Select the ellipsis  in the Datastore column, if required.
The Datastore pop up is displayed.



18. Select a Datastore radio button, and then click **OK**.

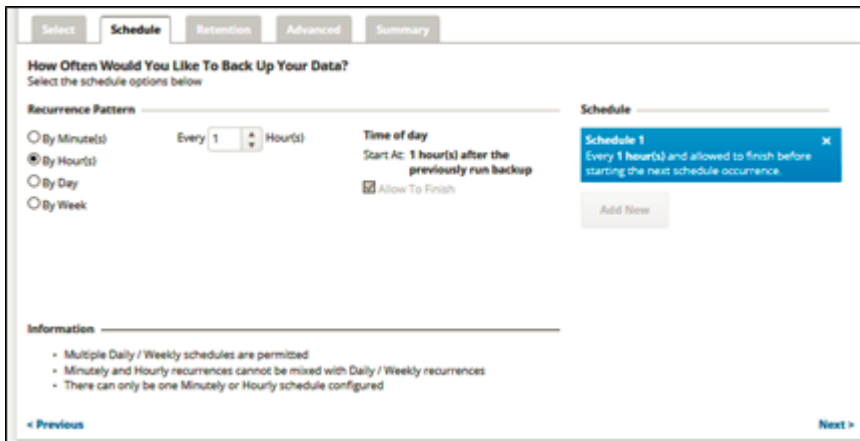
Recommendation: As a best practice, do not choose the same Datastore as the source VM. Otherwise, both production and recovery VM could both be lost in the event of a Datastore failure.

After making your selections, the completed configuration is denoted with a green check mark as shown below.

Virtual Machine/VM(s)	Source Host IP	Destination Host	Resource Pool	VM Folder	Datastore
 Windows 10 Small	ESXHost43.intr...	esxhost43.intr...	None	Not required	SAN30_SSD1_mi... 

19. Click **Next**.

The Schedule page is displayed.

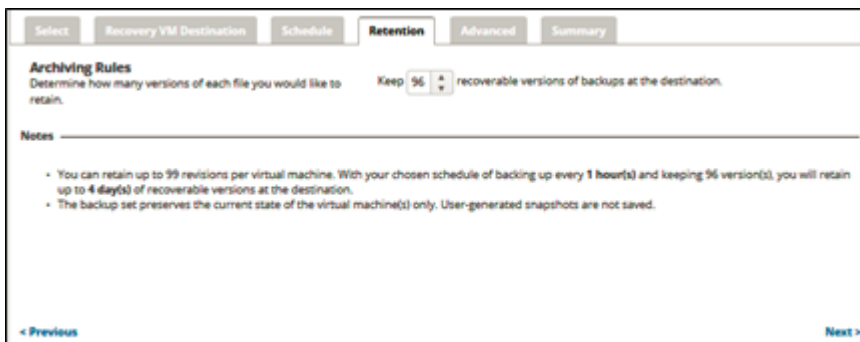


20. Accept or edit the default schedule. See [Adding a New Daily or Weekly Schedule](#) for more information.

An hourly backup is the default schedule for the backup set.
 Multiple weekly schedules are permitted (if they do not overlap).
 Minutely, hourly or daily recurrences cannot be mixed with weekly recurrences.
 Only one minutely, hourly or daily schedule can be configured.
 The Allow to Finish check box is selected and grayed out.

21. After setting the schedule, click **Next**.

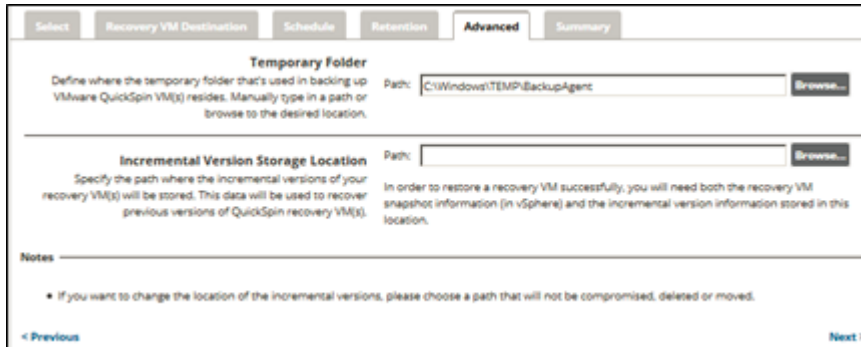
The Retention page is displayed.



The backup default schedule is every 1 hour. Keeping 96 versions retains 4 days of recoverable versions at the destination.
 The backup set preserves the current state of the virtual machines only. User generated snapshots are not saved.

22. Optionally, select how many versions of each file you would like to keep, and then click **Next**.

Note: The number of revisions can be set to any number between 1 and 99. The Advanced page is displayed.



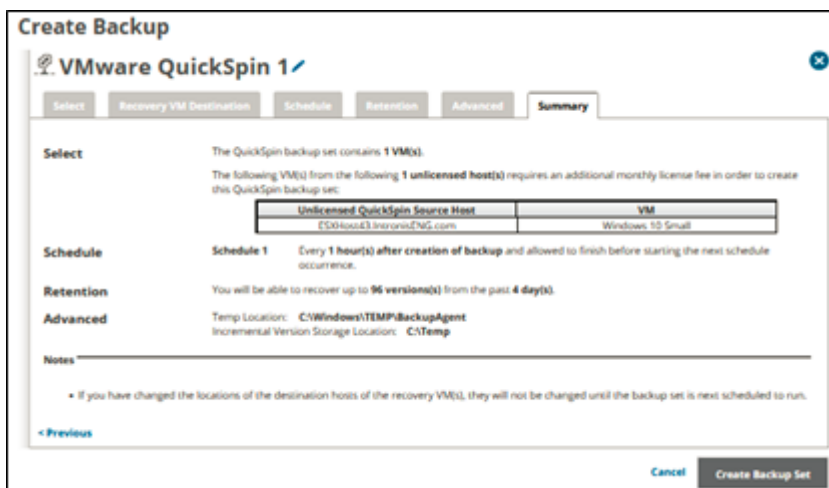
Requirement: You must specify a temporary folder located on a disk with enough space. At the Temporary Folder field, accept the default, type a new path, or click the **Browse** button to locate the temporary folder that is used in backing up. See [Browsing to a Folder](#).

Requirement: You must specify a location for the local storage of the incremental backups. Type the path or browse to where the incremental versions of your recovery VMs are to be stored, and then click **Next**. See [Browsing to a Folder](#).

To restore a recovery VM successfully, you need both the recovery VM snapshot information (in vSphere) and the incremental version information stored in this location.

This data is used to recover previous versions of VMware QuickSpin recovery VMs.

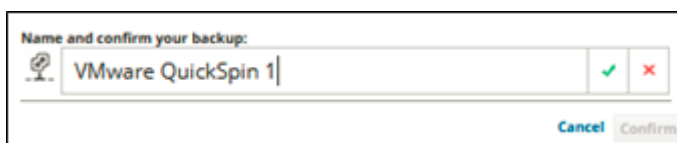
The Summary page is displayed.



Licensing Note: If you added an unlicensed host and added a VM to back up, the following message is displayed on the Summary page indicating a licensing fee charge. See [VMwareQuickSpinLicensingVMwareQuickSpinLicensingVMwareQuickSpinLicensingVMwareQuickSpinLicensing](#) for more information.

23. After reviewing your selections, click the **Create Backup Set** button.

If you did not change the default backup set name, a confirmation pop-up is displayed, as shown in the example below.



This feature allows you to create a unique name for the backup set. If you already changed the default backup set name, the pop-up is not displayed. See [Changing Backup Set Names](#). Optionally, change the backup set name, press **Enter**, and then click **Confirm**. The scheduled backup is displayed on the Backup Selections page.

After you run a **QuickSpin** backup and the recovery virtual machines are created, you must not start or alter those recovery virtual machines. Doing so may prevent subsequent backups and restores from working.

Figures

1. image2021-9-16 9:33:14.png
2. image2021-9-16 9:34:59.png
3. image2021-9-16 9:36:5.png
4. image2021-9-16 9:37:16.png
5. image2021-9-16 10:3:23.png
6. image2021-9-16 10:3:45.png
7. image2021-9-16 10:4:41.png
8. image2021-9-16 10:5:48.png
9. image2021-9-16 10:10:1.png
10. image2021-9-16 10:10:51.png
11. image2021-9-16 10:14:36.png
12. image2021-9-16 10:17:21.png
13. image2021-9-16 10:17:59.png
14. image2021-9-16 10:21:5.png
15. image2021-9-16 10:19:17.png
16. image2021-9-16 10:21:24.png
17. image2021-9-16 10:22:26.png
18. image2021-9-16 10:25:7.png
19. image2021-9-16 10:30:14.png
20. image2021-9-16 10:32:16.png
21. image2021-9-16 10:33:25.png
22. image2021-9-16 10:39:24.png
23. image2021-9-16 10:41:40.png
24. image2021-9-16 10:45:42.png
25. image2021-9-16 10:48:18.png

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