

Creating a VMware Standard Backup Set

<https://campus.barracuda.com/doc/93198287/>

CAUTION!

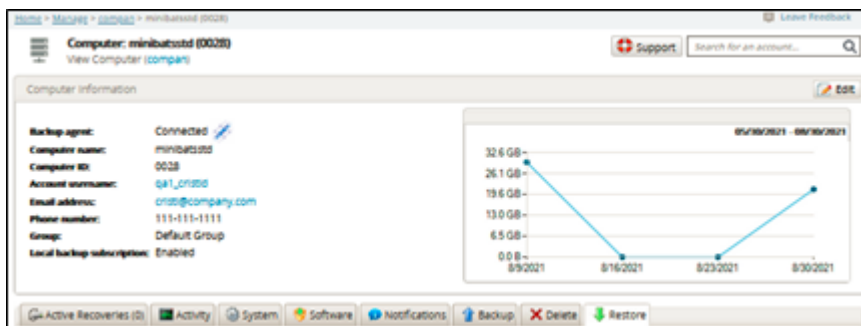
Not having a self-signed certificate assigned to your host server or vCenter poses a security risk.

To reduce security risk, ensure that the host server to which you are backing up has a self-signed certificate assigned, else you are prompted in this procedure to assign one. Not assigning a certificate generates error messages to the activity log and the monitor service.

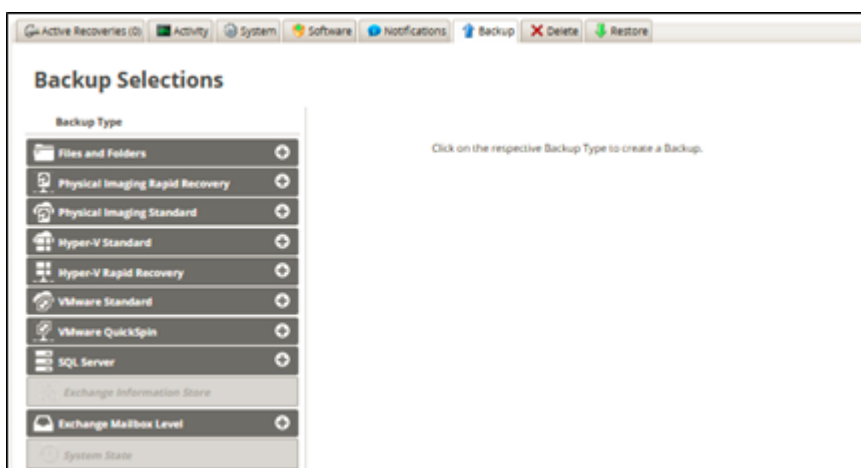
To assign a certificate see [Self-signed Certificates](#).

To back up VMware Standard, perform the following steps.

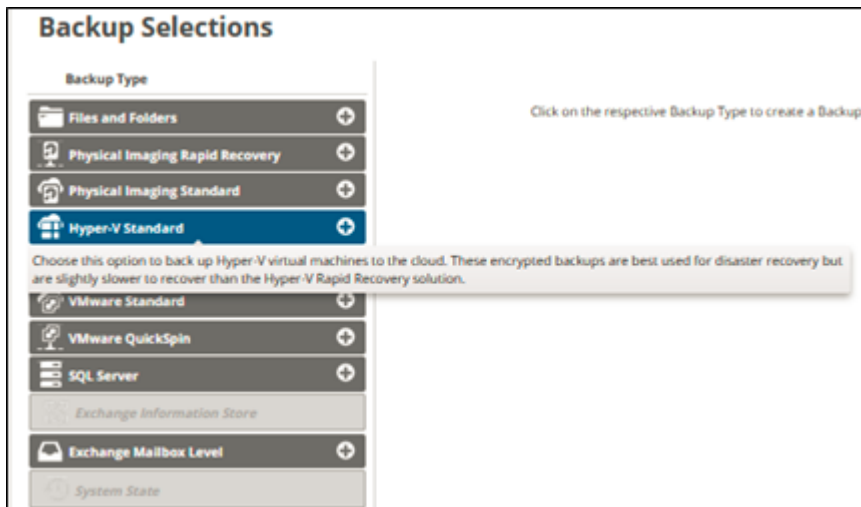
1. Log into the [management portal](#) and navigate to the Computer page. See [Navigating to the Computer Page](#) for instructions.
The Computer page is displayed.



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



3. In the Backup Type pane, click **VMware Standard**, as shown below.



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](#).

5. At the Select Storage Location section, click one of the following radio button options.

Note: This procedure applies to all options. See [Backup Options](#) for more information.

- **Local Only** (Local Vault must be enabled, and a local subscription is required. Data is not backed up to the cloud.)
- **Online Only** (An enabled Local Vault disables this option.)
- **Online and Local** (Local Vault must be enabled.)

Depending how you have the Backup Agent and computer account configured, you may only see one or two of the storage type options. For more information on which types

should be available, reference [this article](#).

For this example, **Local Only** is selected, as shown below.

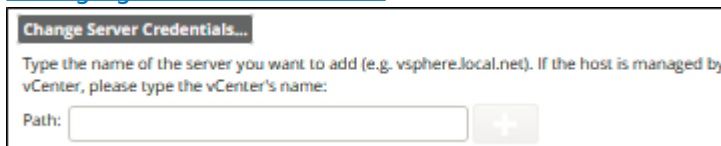


6. At the Current selection pane, select the VMs to be backed up.

Note: You are required to select at least one VM. Any VMs that are included in other backup sets are grayed out.

Clicking the arrow at the right of the items displays more revisions of the VM.

The Change Server Credentials at the bottom of the page is also enabled, as shown below. See [Changing Server Credentials](#).

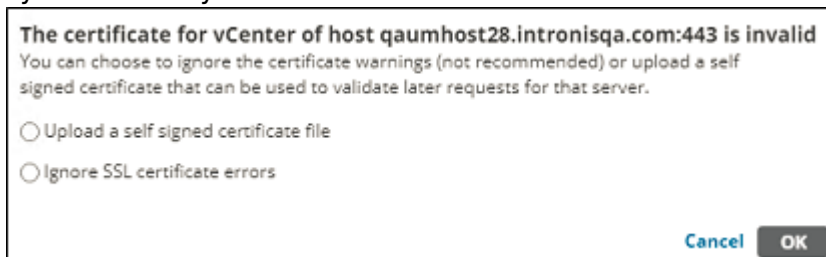


If the selected virtual machines' host is not already recognized, add the IP address of the ESX/ESXi host or vCenter machine managing the virtual machines. See [Adding a New ESXi or vCenter Server](#).

If the Backup Agent needs credentials to authenticate with the server you added, it should prompt you for them.


Note: Changing server credentials is primarily used if admin credentials on the host or vCenter have changed since the last backup set was created.

If the following error message is displayed, you must provide a valid certificate, otherwise your system security is at risk.



7. To upload a self-signed certificate, click the **Upload a self-signed certificate file** and then click **OK**.

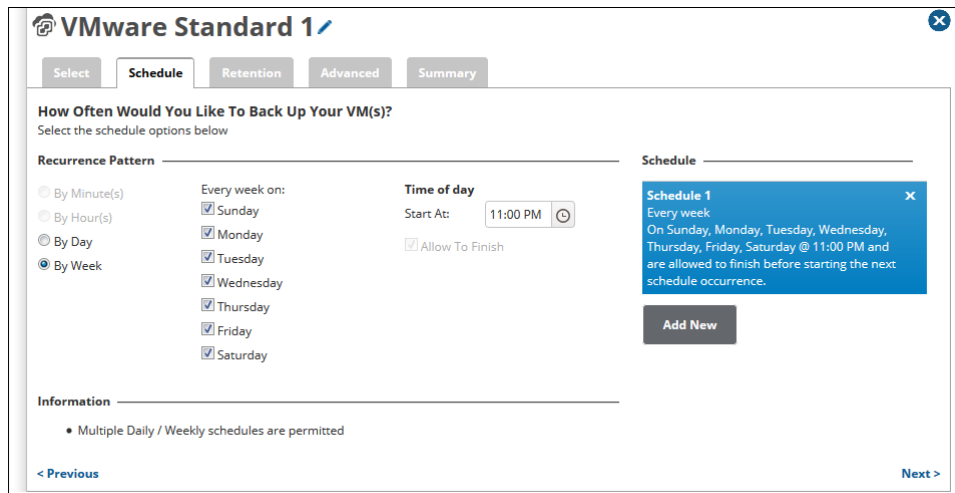
The Open dialog is displayed where you can select the certificate. See [Self-signed Certificates](#).

Your selection is displayed in the right pane. Click the remove icon  to remove any selections or clear the item check box.

Note: vApps are currently not supported for backup.

8. Click **Next** to continue.

The Schedule page is displayed.



VMware Standard 1

Select Schedule Retention Advanced Summary

How Often Would You Like To Back Up Your VM(s)?
Select the schedule options below

Recurrence Pattern

☐ By Minute(s)
☐ By Hour(s)
☐ By Day
☒ By Week

Every week on:

☒ Sunday
☒ Monday
☒ Tuesday
☒ Wednesday
☒ Thursday
☒ Friday
☒ Saturday

Time of day
Start At: 11:00 PM

☒ Allow To Finish

Schedule

Schedule 1
Every week
On Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday @ 11:00 PM and are allowed to finish before starting the next schedule occurrence.

Add New

Information

- Multiple Daily / Weekly schedules are permitted

< Previous Next >

Set a schedule for the backups by choosing a recurrence interval (minutes, hours, days, or weeks) and either how often the backup runs or on which days the backup runs. If you want to add more than one Daily or Weekly schedule, click the **Add New** button. See [Backup Schedules](#) for more information.

Note: if multiple VMware backup sets (Standard or QuickSpin) run concurrently, all those involved are slowed down. Additionally, it is strongly recommended a VMware Standard backup and a VMware QuickSpin backup of the same virtual machine not overlap.

Notes:

Multiple daily/weekly schedules are permitted (if they do not overlap).

The **Allow to Finish** check box is always selected and grayed out.

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

The Retention page is displayed.



VMware Standard 1

Select Schedule Retention Advanced Summary

Archiving Rules
Determine how many versions of each VM you would like to retain

Keep 28 Days(s) and no fewer than 4 version(s).

☐ Enable Advanced Archiving

Start From a Template

< Previous Next >

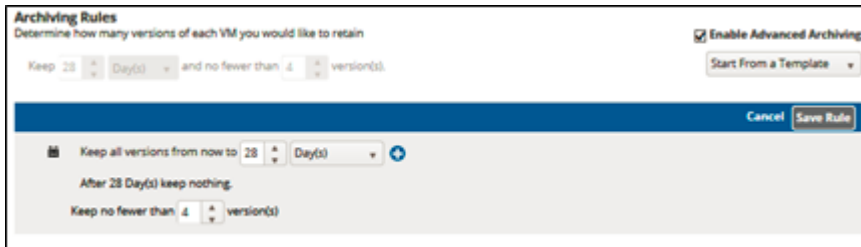
- Select the number of versions you wish to archive.

Note: The default is no fewer than 4 recoverable versions of backups at the destination for 28 days.

The backup set preserves the current state of the virtual machines only. User-generated snapshots are not saved.

- Optionally, select the **Enable Advanced Archiving** check box. For Advanced Archiving information, see [Advanced Archiving Rules](#).

The Advanced Archiving fields are displayed.



Archiving Rules
Determine how many versions of each VM you would like to retain

Keep 28 Day(s) and no fewer than 4 version(s).

☒ Enable Advanced Archiving

Start From a Template

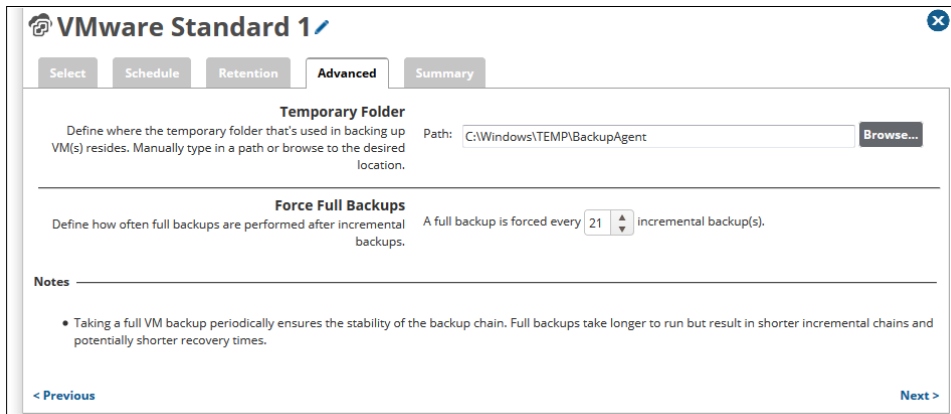
Cancel Save Rule

Keep all versions from now to 28 Day(s)

After 28 Day(s) keep nothing.

Keep no fewer than 4 version(s)

12. Make your selections, click **Save Rule**, and then click **Next**.
The Advanced page is displayed.



VMware Standard 1

Select Schedule Retention **Advanced** Summary

Temporary Folder
Define where the temporary folder that's used in backing up VM(s) resides. Manually type in a path or browse to the desired location.

Path: C:\Windows\TEMP\BackupAgent Browse...

Force Full Backups
Define how often full backups are performed after incremental backups. A full backup is forced every 21 incremental backup(s).

Notes

- Taking a full VM backup periodically ensures the stability of the backup chain. Full backups take longer to run but result in shorter incremental chains and potentially shorter recovery times.

< Previous Next >

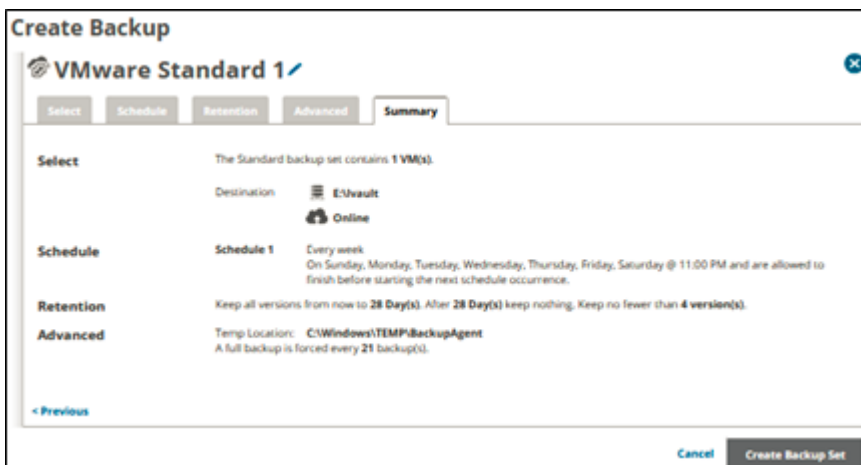
Requirement: You must specify a temporary folder located on a disk with enough space.

13. 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](#).
14. At the Force Full Backups section, use the arrows to specify how often full backups are performed after incremental backups.

Note: The default setting is a full backup is forced every 21 incremental backups.

TIP: Taking a full backup periodically ensures the stability of the backup chain. Full backups take longer to run but result in shorter incremental chains and potentially shorter recovery times.

15. To see a summary of the backup set, click **Next**.
The Summary page is displayed.



Create Backup

VMware Standard 1

Select Schedule Retention **Advanced** **Summary**

Select
The Standard backup set contains 1 VM(s).

Schedule
Schedule 1 Every week
On Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday @ 11:00 PM and are allowed to finish before starting the next schedule occurrence.


Retention
Keep all versions from now to 28 Day(s). After 28 Day(s) keep nothing. Keep no fewer than 4 version(s).

Advanced
Temp Location: C:\Windows\TEMP\BackupAgent
A full backup is forced every 21 backup(s).

< Previous Cancel Create Backup Set

16. 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 after clicking the **Create BackupSet** button, as shown in the example below.



A confirmation pop-up dialog box titled "Name and confirm your backup:". It contains a text input field with the value "VMware Standard 1". To the right of the input field are two buttons: a green checkmark and a red 'X'. At the bottom right of the dialog are two buttons: "Cancel" and "Confirm".

This feature allows you to create a unique name for the backup set. If you already changed the default backup set name, this pop-up is not displayed.

17. Optionally, change the backup set name, press **Enter**, or click the green check mark, and then click **Confirm**.

The scheduled backup is displayed on the Backup Selections page.

Figures

1. image2021-9-10 9:45:43.png
2. image2021-9-10 9:48:37.png
3. image2021-9-10 9:50:55.png
4. image2021-9-10 9:52:28.png
5. image2021-9-10 9:57:18.png
6. image2021-9-10 10:0:49.png
7. image2021-9-10 10:2:43.png
8. image2021-9-16 9:56:59.png
9. createvmwarestandard2.png
10. createvmwarestandard3.png
11. image2021-9-10 10:25:25.png
12. createvmwarestandard4.png
13. image2021-9-10 10:35:13.png
14. image2021-9-10 10:37:18.png

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