
Restoring a VMware Standard Backup

<https://campus.barracuda.com/doc/93198319/>

Overview

With a VMware Standard backup, you will be able to restore the virtual machine back to a specific point in time, either into production or into an isolated sandbox environment.

With VMware Standard restores, you can perform the following actions:

- Restore VMs locally or from the cloud
- Restore VMs in a sandboxed test mode or production mode
- Choose to start the VMs automatically upon restore or not

VMware Standard Recovery Types

While performing the restore procedure, you are prompted to select how to verify and recover your data to the restore destination. The following options are provided:

- Sandboxed Test Recovery
- Production Recovery

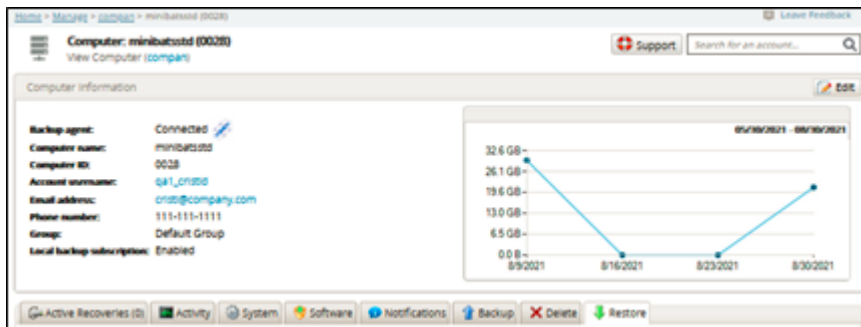
Sandboxed Test Recovery is a safe means for you to verify the integrity of your backed-up VMs without affecting normal business operation. Your production VMs remain powered on and operational. The selected recovery VMs are powered on within an isolated VLAN.

Production Recovery performs an instant recovery of your production VMs with selected recovery VMs. If the production VM is still running, it is shut down before powering up the recovery VMs.

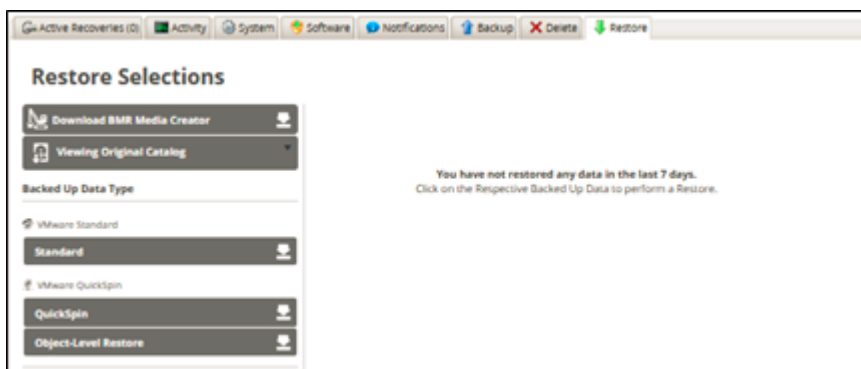
Restoring VMware Standard Backup Sets

To restore a VMware Standard backup set, perform the following steps.

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




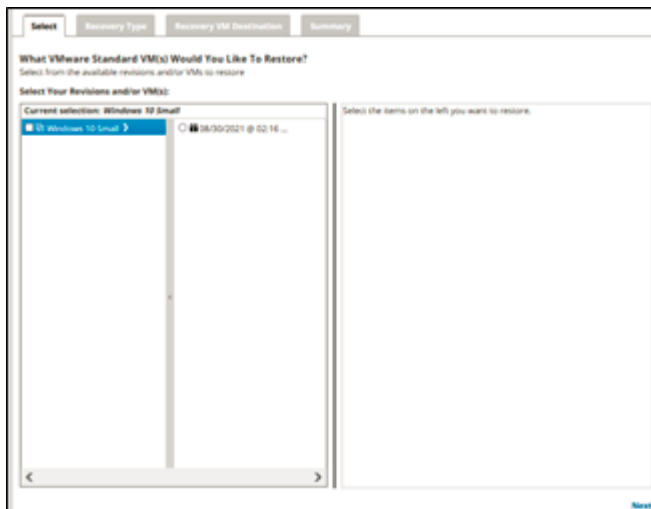
- Click the **Restore** tab.
The Restore Selections page is displayed.




- Click **VMware Standard**.
The Select page is displayed.

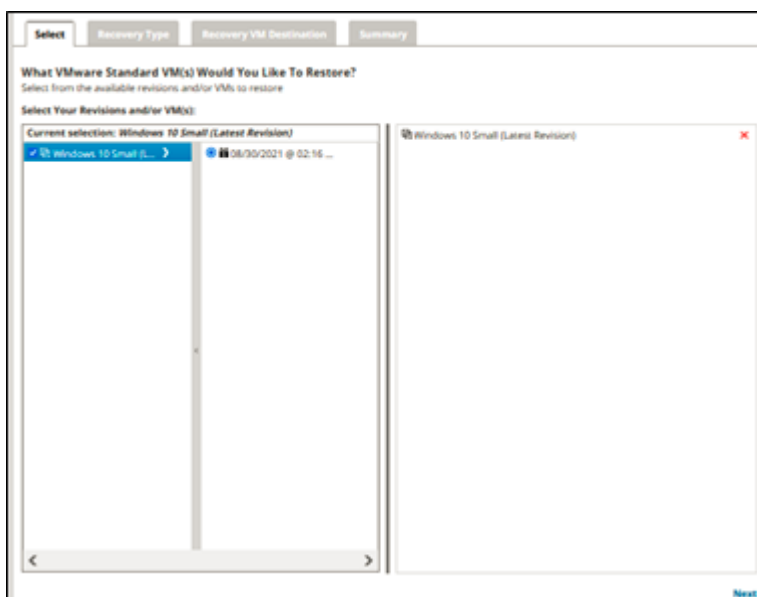


- In the Current Selection pane, select the VMs and revisions to be restored.
Clicking the arrow  at the right of the VM displays more revisions of the VM, as shown below.

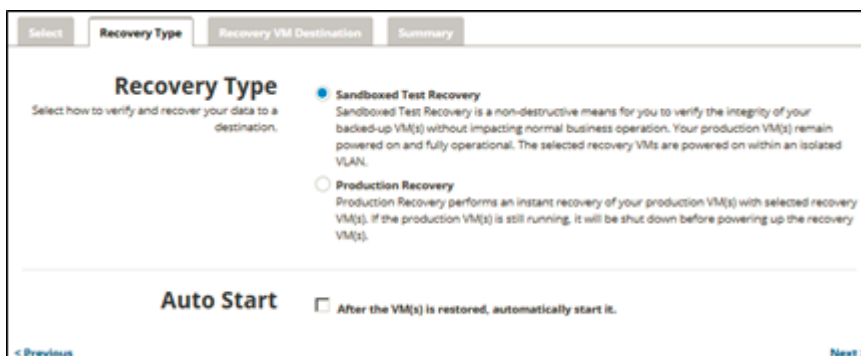


After selecting your revisions Your selection is displayed in the right pane.

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



6. After making your selections, click **Next**.
The Recovery Type page is displayed.



7. Select how to verify and recover your data to the restore destination.
If you select **Sandboxed Test Recovery** (default option):

The source/production VMs are not shut down.

The recovery VMs selected are started on their own separate VLAN to avoid Network IP conflicts with the production VMs.

If you select **Production Recovery**:

The source/production VMs are shut down (if available and if possible).

The recovery VMs, once restored, are started on the production network. They assume the role of the original production VMs.

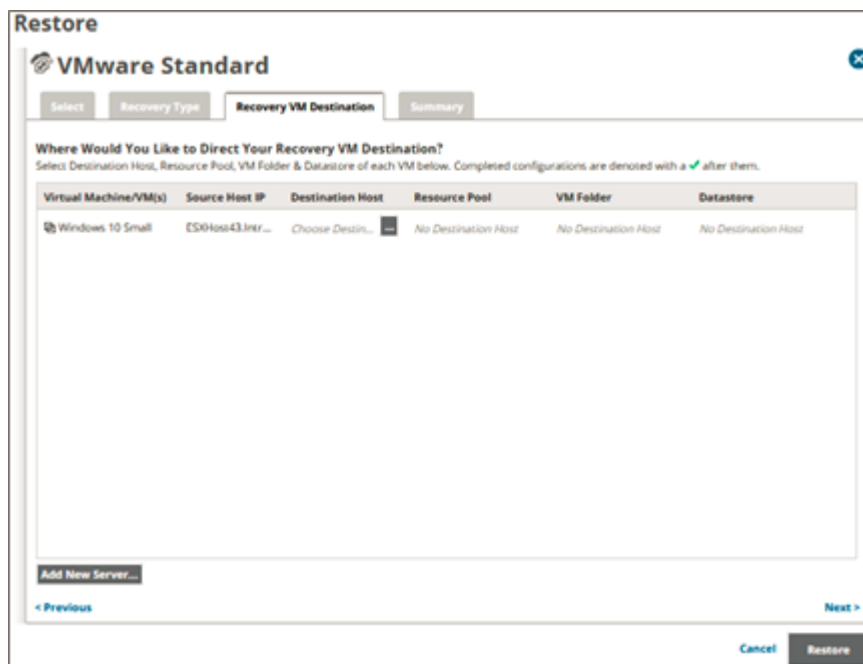
See [VMware Standard Recovery Types](#) for more information.

8. Optionally, select the **After the VM(s) is restored, automatically start it** check box

Note: When enabled, Auto Start starts the VMs automatically upon restore.

9. Click **Next**.

The Recovery VM Destination page is displayed.



Restore

VMware Standard

Select **Recovery Type** | **Recovery VM Destination** | **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	ESX0-tos43.Int...	Choose Destin...	No Destination Host	No Destination Host	No Destination Host

Add New Server...

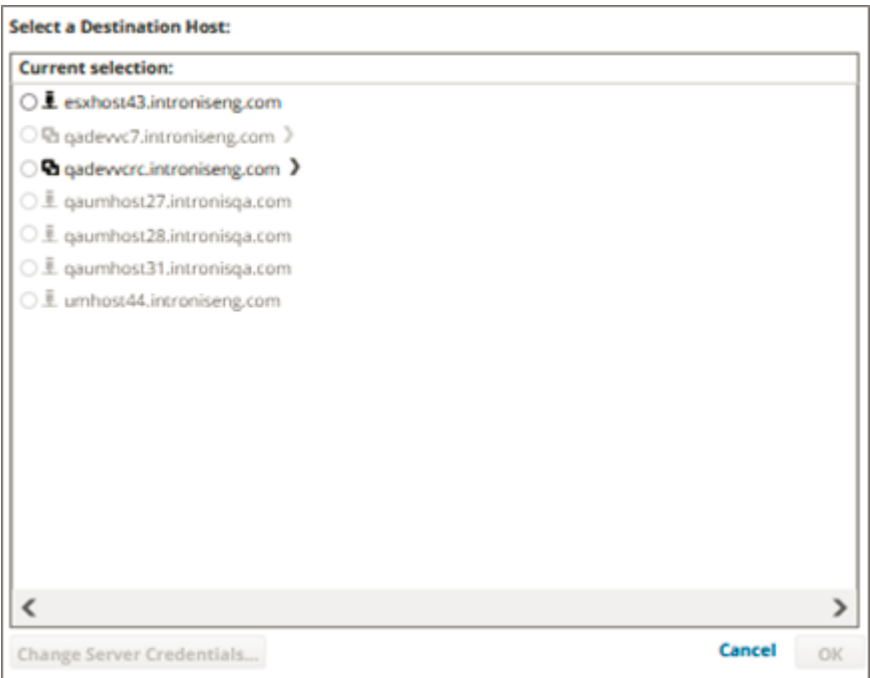
< Previous | Next > | Cancel | Restore

Requirements: You must select the **Destination Host** and the **Datastore** where you want to restore the recovery VMs. The **Resource Pool** and **VM Folder** are optional; however, you must select **None** if you do not want these options.

10. To add a new destination ESXi or vCenter server, see [Adding a New ESXi or vCenter Server](#) else proceed to next step.

11. Select the ellipsis  in the Destination Host column.

The Destination Host pop up is displayed.



CAUTION

As a best practice, select a host for the restore destination that does not already contain the protected VM. If the same host is selected and fails, both the protected VM and the recovery VM are lost.

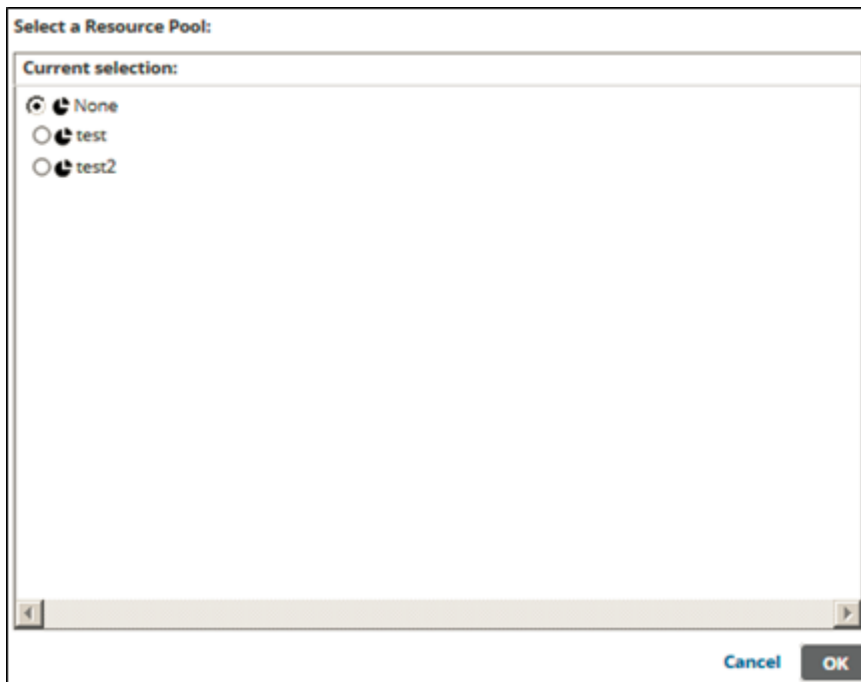
12. Select the Destination Host.
The Change Server Credentials option is activated.



13. To change server credentials, see [Changing Server Credentials](#); else proceed to next step.
The ellipses are displayed for the other options.

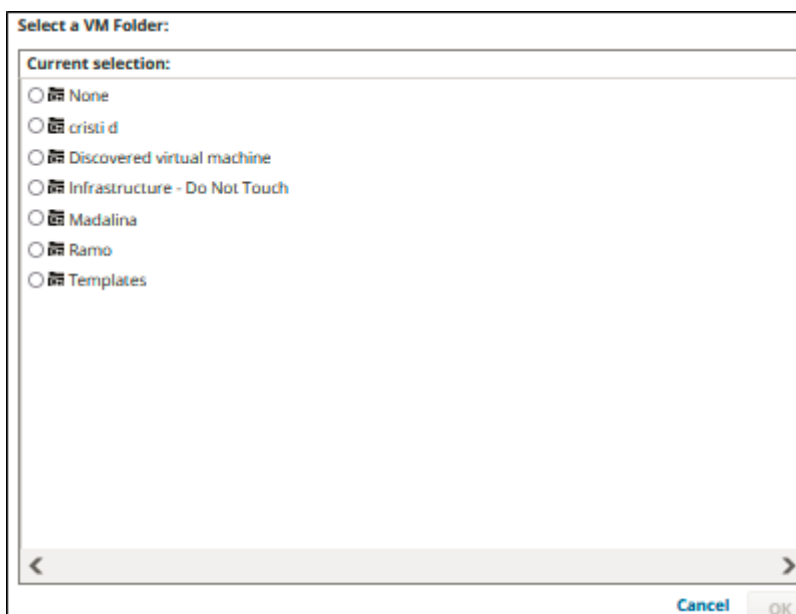
Where Would You Like to Direct Your Recovery VM Destination?					
Select Destination Host, Resource Pool, VM Folder & Datastore of each VM below. Completed configurations are denoted with a ✓ after them.					
Virtual Machine/VM(s)	Source Host IP	Destination Host	Resource Pool	VM Folder	Datastore
Windows 10 Small	ESXHost43.Intr...	esxhost43.intr...	None	Not required	Choose a Datast...

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




15. Select the Resource Pool radio button, and then click **OK**.

16. Select the ellipsis  in the VM Folder column.
The VM Folder pop up is displayed.



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

18. Select the ellipsis  in the Datastore column.
The Datastore pop up is displayed.

Select a Datastore:

Current selection:

- ☐ SAN30_SSD1_migrations_only (5.12 TB Total, 3.65 TB Free)
- ☐ SAN19_SSD01 (11.99 TB Total, 9.09 TB Free)
- ☐ SAN19_SSD02 (11.99 TB Total, 9.31 TB Free)
- ☐ SAN19_SSD03 (12.37 TB Total, 9.44 TB Free)
- ☐ SAN19_SSD04 (11.99 TB Total, 10.4 TB Free)
- ☐ SAN19_SSD05 (11.99 TB Total, 9.99 TB Free)
- ☐ SAN19_SSD06 (12.37 TB Total, 10.29 TB Free)
- ☐ SAN19_SSD07 (11.99 TB Total, 10.35 TB Free)
- ☐ SAN19_SSD08 (11.99 TB Total, 10.46 TB Free)
- ☐ SAN19_SSD09 (12.37 TB Total, 11.4 TB Free)

Cancel OK

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

Recommendation

As a best practice, do not choose the same Datastore as the one where the source VM resides. If the recovery VM is placed on the same Datastore as the source VM and that Datastore fails, both VMs are lost.

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

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...	esxhost42.intr...	None	cristi d	SAN30_SSD1_mi... ✓

21. Click **Next**.

The Summary page is displayed.

Restore

VMware Standard

Select Recovery Type Recovery VM Destination Summary

Select 1 VM(s) selected
You are restoring the following recovery VM(s):

- Windows 10 Small

Recovery Type Standard Sandboxed Recovery
The following recovery VM(s) will be created:

- Windows 10 Small Test Recovery

Notes

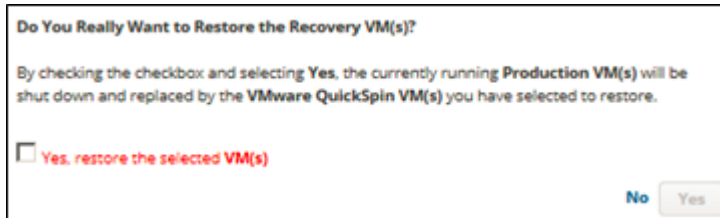
- If necessary, power off non-critical VM(s) on the destination to make sure that you have sufficient resources available to start the recovery VM(s).
- Please make sure your recovery VM(s) are powered off prior to starting this recovery.

< Previous

Cancel Restore

22. Verify your selections, and then click the **Restore** button.

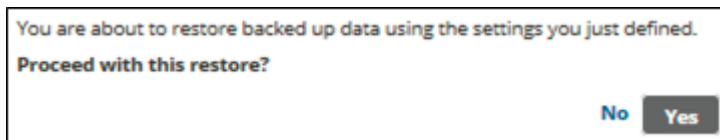
If you selected Production Recovery at the Destination page, then the following confirmation pop-up is displayed.



By selecting the checkbox and selecting **Yes**, the currently running Production VM(s) are shut down and replaced by the VMware Standard VMs you have selected to restore.

23. Click the **Yes, restore the selected VM(s)** check box, and then click **Yes**.

If you selected Sandboxed Test Recovery at the Destination page, then the following confirmation pop-up is displayed.



24. Click **Yes**.

The Restore Selections page is displayed showing the status of the restore.

Note: If the destination host you restore to has a VM with the same name, the restored VM appends the following extension to the name:
_Recovery (or Recovery1 if _Recovery exists).

Figures

1. image2021-9-15 12:51:45.png
2. image2021-9-15 12:53:23.png
3. image2021-9-15 12:54:30.png
4. image2021-9-15 12:56:19.png
5. image2021-9-15 12:56:40.png
6. image2021-9-15 12:58:51.png
7. image2021-9-15 12:57:31.png
8. image2021-9-15 12:59:48.png
9. image2021-9-15 13:6:2.png
10. image2021-9-15 13:11:49.png
11. image2021-9-15 13:11:25.png
12. image2021-9-15 13:14:15.png
13. image2021-9-15 13:40:29.png
14. image2021-9-15 13:41:42.png
15. image2021-9-15 13:42:19.png
16. image2021-9-15 13:43:25.png
17. image2021-9-15 13:44:52.png
18. image2021-9-15 13:46:30.png
19. image2021-9-15 13:47:7.png
20. image2021-9-15 13:51:8.png
21. image2021-9-15 13:52:52.png
22. image2021-9-15 13:54:15.png
23. image2021-9-15 13:56:30.png

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