

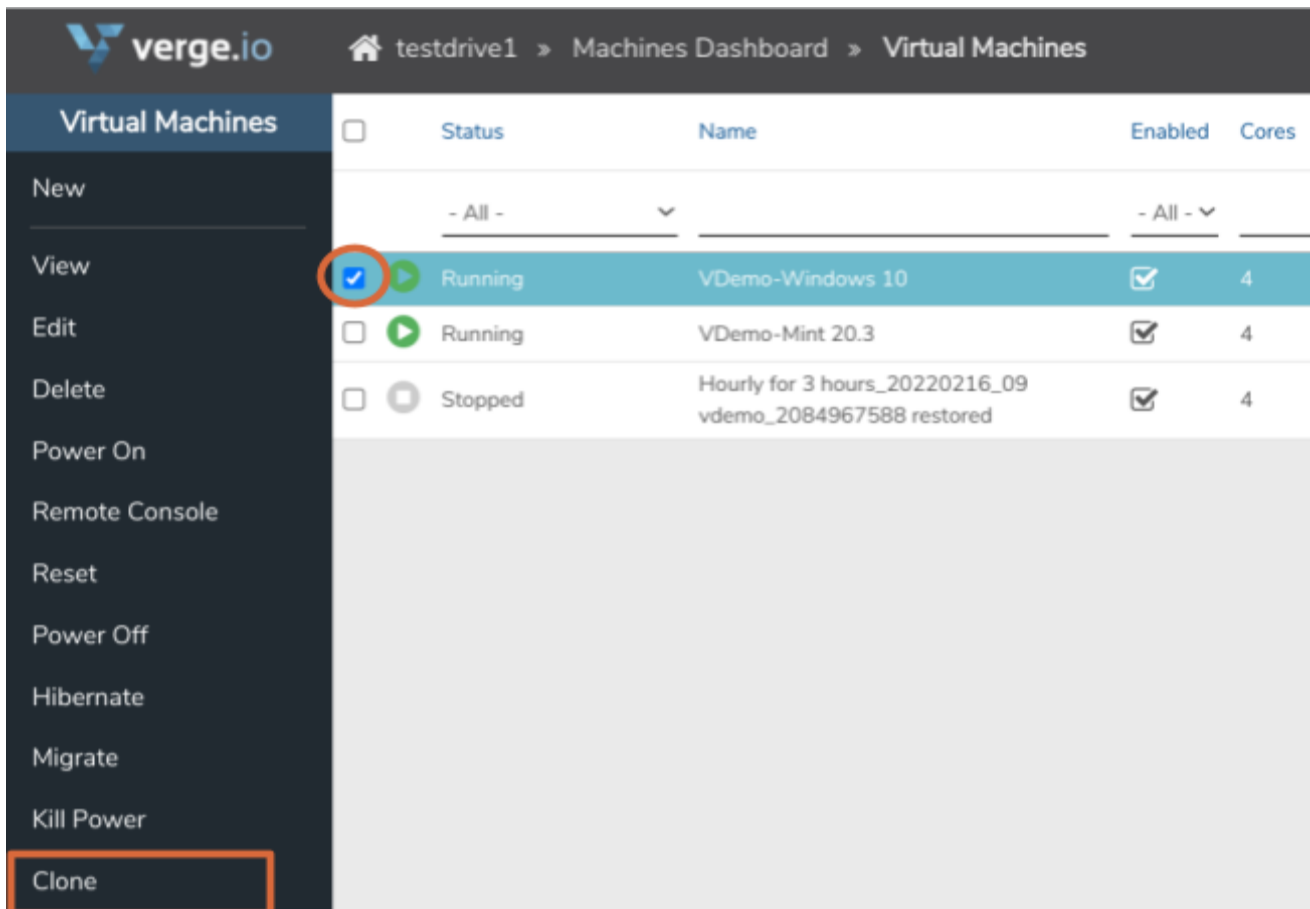
Test Drive - Cloning



The Cloning feature allows you to **instantly duplicate a VM or tenant.**

Clone a VM:

- Navigate to your VM list (**Home -> Machines -> Virtual Machines**).
- Click to select the desired VM (box on the left should be checked).
- Click **Clone** on the left menu.



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By default, new MAC address(es) assigned to NIC(s) on the cloned instance; MAC addresses can be carried over from the source with this option.

Clone VM

Source: VDemo-Windows 10
4 cores, 8GB RAM, Windows, 2 drives, 1 NICs

Source VM description field

VM Name *
VDemo-Windows 10 clone

Preserve MAC Addresses

Warning: Cloned VM's running on the same network with the same preserved MAC address may cause

Quiesce file system

If the cloned VM is in a running state and has qemu guest agent installed, the file system will be tempora the cloning process

Test Drive systems are created with password in description field for evaluation convenience.

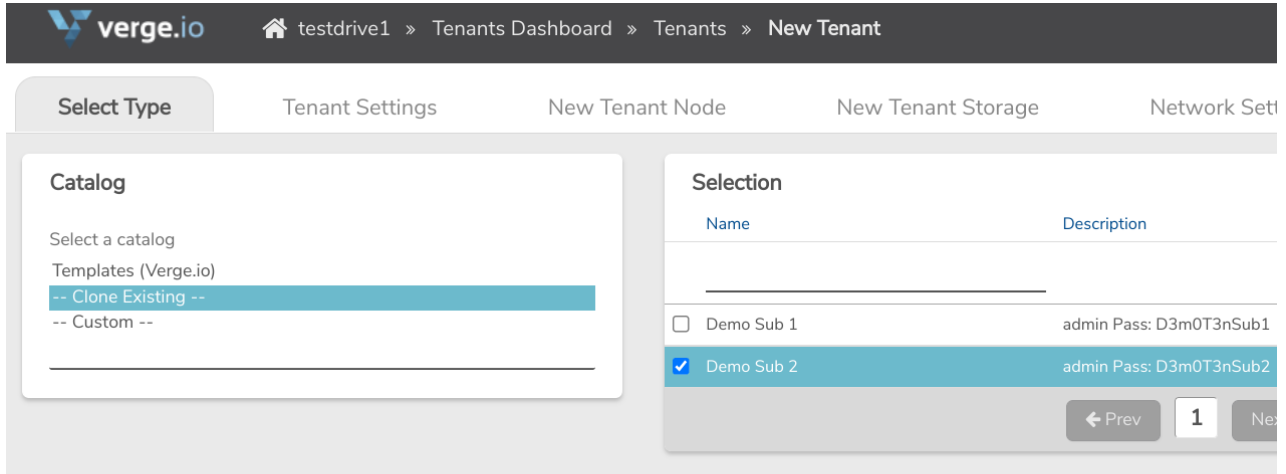
The Quiesce option can be used to create an application-consistent clone from a running VM, i.e. notify VSS-aware applications, freeze filesystem, flush buffers, etc. (Requires Verge.io Guest Agent.)

- After making any desired configuration changes, click **Submit** at the bottom of the page.

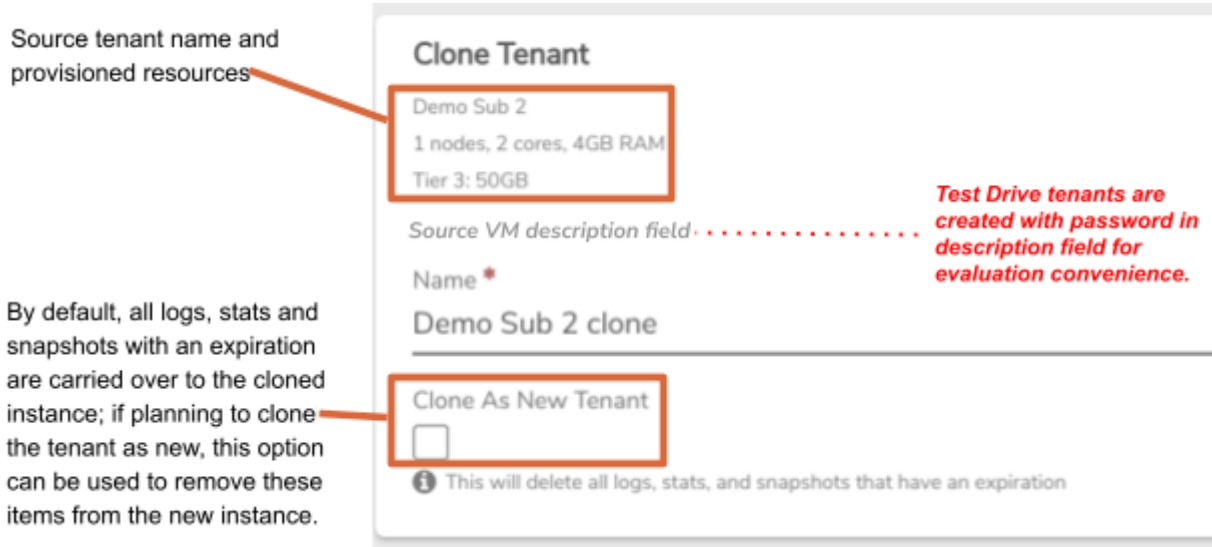
Test Drive - Cloning

Clone a Tenant:

- Navigate to the Tenants Dashboard (**Home -> Tenants**).
- Click **New** on the left menu.



- Select the desired tenant to clone (box on the left should be checked).
- Click **Next** at the very bottom of the page.



- Click **Submit** at the bottom of the page to complete the clone.

Cloning Effects on Storage Usage

Due to built-in global deduplication, simply cloning a VM or tenant does not consume additional vSAN storage. Impact on storage takes effect only when source or cloned copy are changed; usage increases in relation to the amount of divergence between the source and cloned instance.


Benefits

Cloning allows you to duplicate VM instances and, because each tenant is a fully encapsulated virtual data center, you can use tenant cloning to quickly create multiple copies of complete workloads. Our customers use this for dev/test, honey pot security testing, migrations and assuring compliance.

Further the Discovery

To learn more use these other resources:



Explore inline **Help** within your Test Drive System.
(Access Help by clicking  in the top right corner.)



Browse additional Test Drive guides at <https://verge.io/documents/>



Contact sales@verge.io to schedule a full demonstration