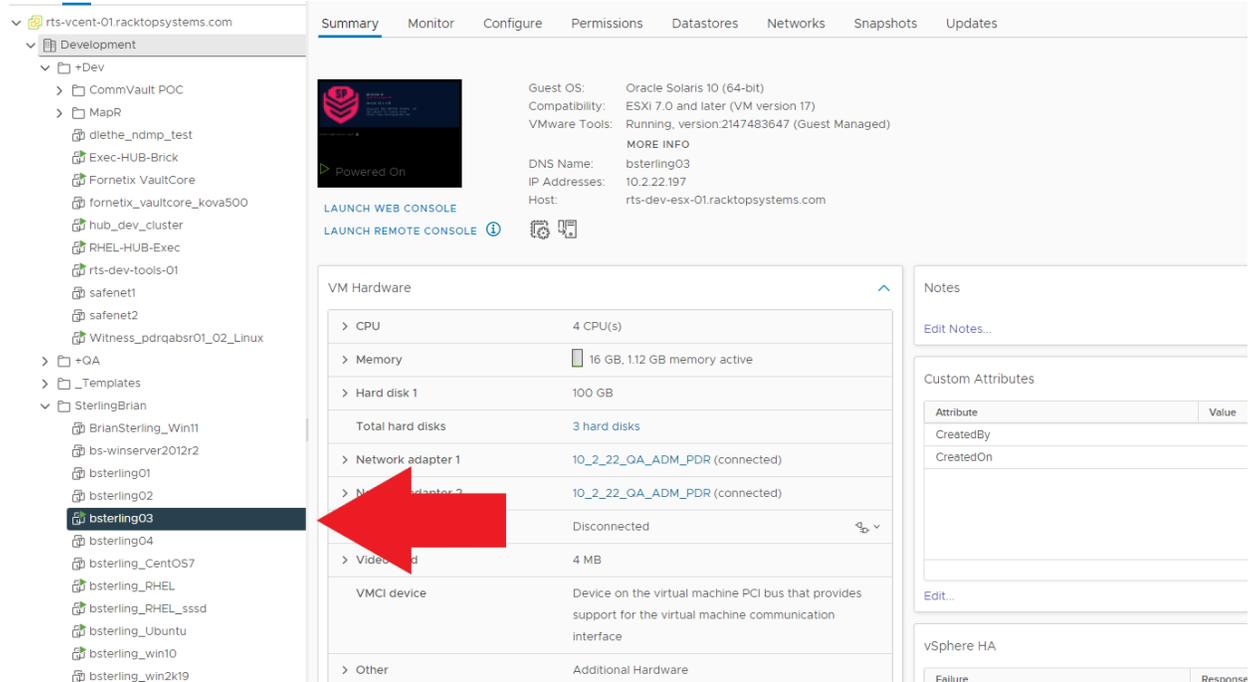
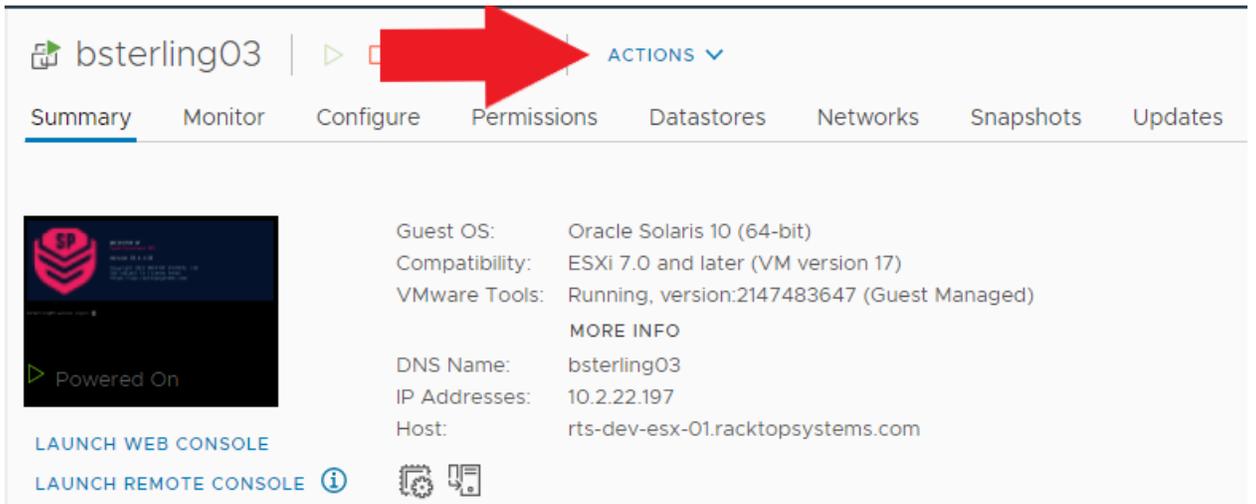


# How to Change BrickStor VM SCSI Driver

1. Log into the vCenter where the BrickStor VM is hosted and select the desired VM. For the below example I'm selecting bsterling03

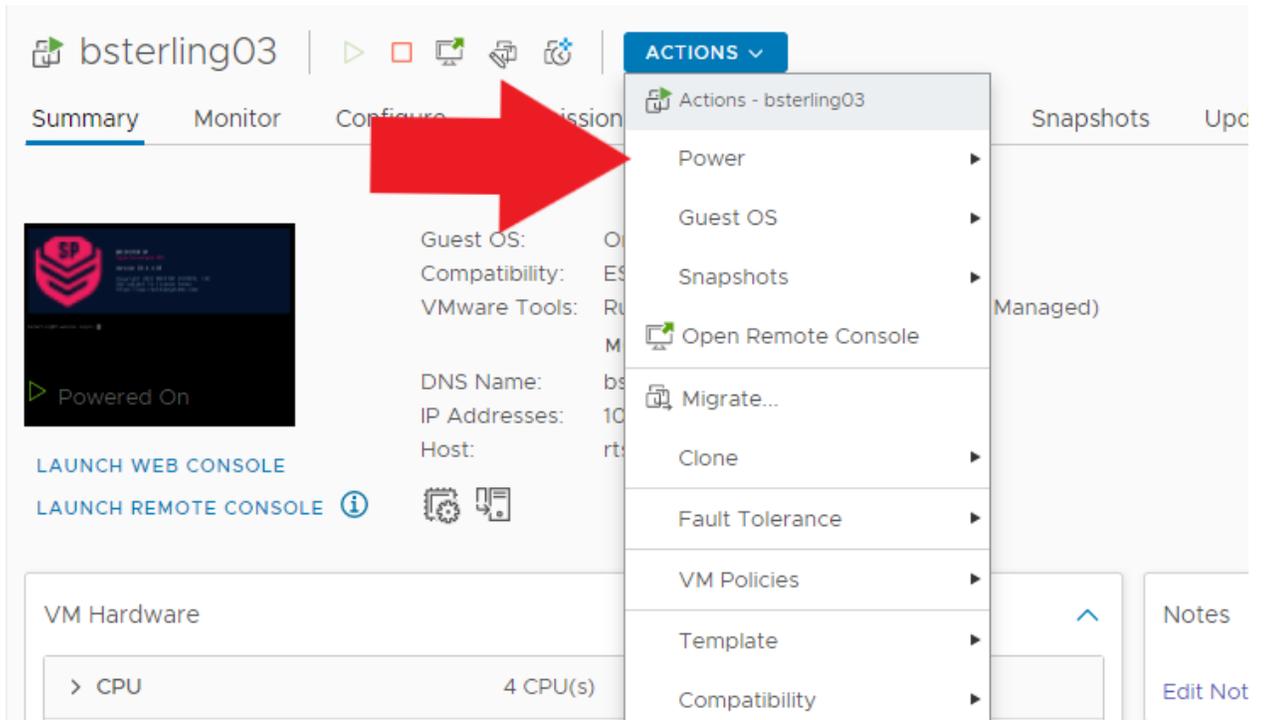


2. In order to change the SCSI driver for a VM it is necessary to power the VM off and will require a maintenance window if being performed on a production system. Select Options -> Power -> Power Off, Confirm the power off and wait for the operation to complete.



bsterling03 | [Play] [Stop] [Refresh] [Copy] [Refresh]

Summary Monitor Configure Permissions Snapshots Updates



Guest OS: OS  
Compatibility: ESX  
VMware Tools: R...  
DNS Name: bs...  
IP Addresses: 10...  
Host: rt...

Powered On

LAUNCH WEB CONSOLE  
LAUNCH REMOTE CONSOLE ⓘ

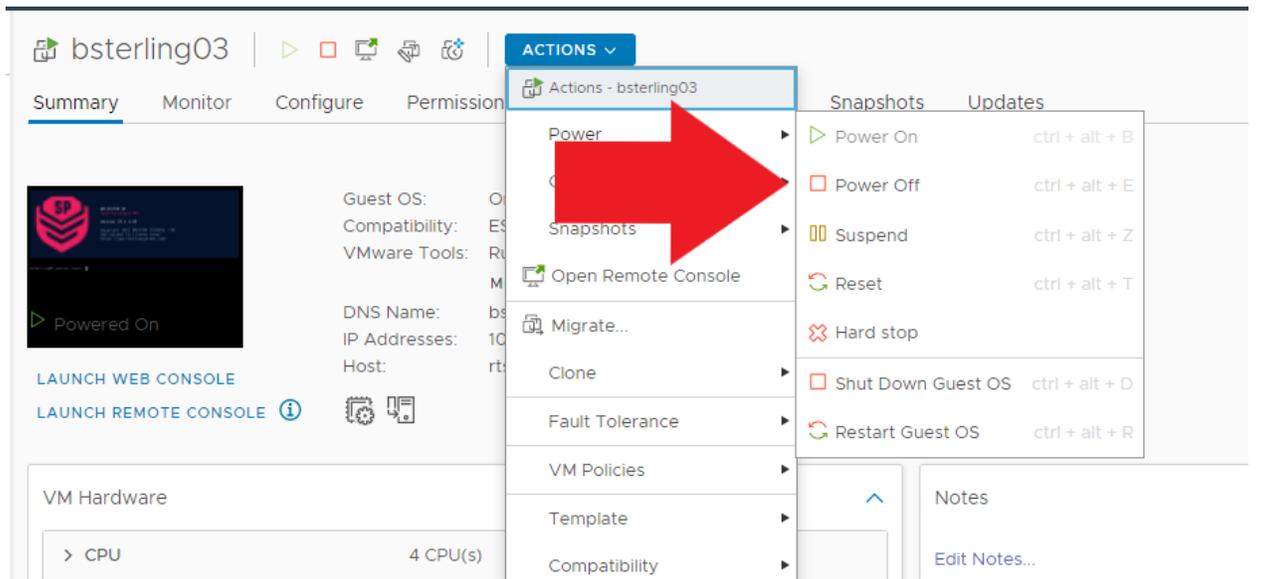
VM Hardware

> CPU 4 CPU(s)

Notes  
Edit Not

bsterling03 | [Play] [Stop] [Refresh] [Copy] [Refresh]

Summary Monitor Configure Permissions Snapshots Updates



Guest OS: OS  
Compatibility: ESX  
VMware Tools: R...  
DNS Name: bs...  
IP Addresses: 10...  
Host: rt...

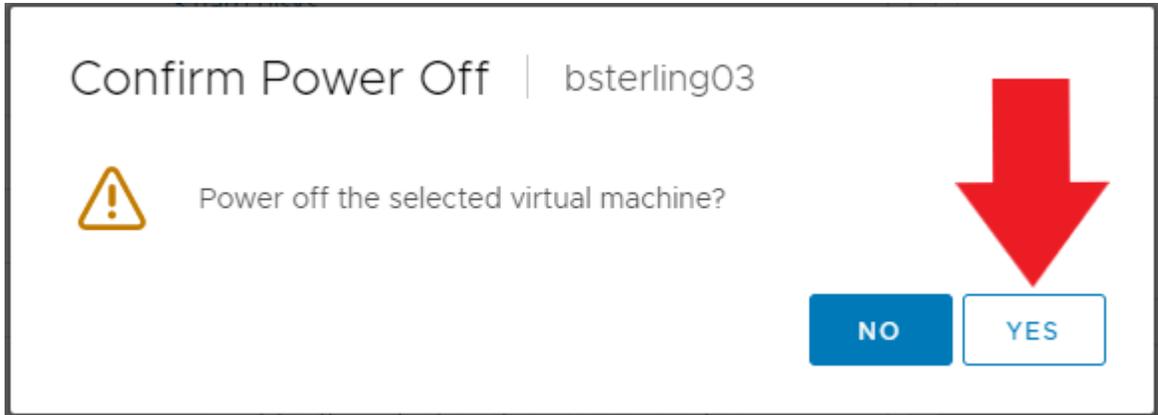
Powered On

LAUNCH WEB CONSOLE  
LAUNCH REMOTE CONSOLE ⓘ

VM Hardware

> CPU 4 CPU(s)

Notes  
Edit Notes...



Task Name	Target	Status	Details	Initiator	Queued F	Start Time	Completion Time	Server
Power Off virtual machine	bsterling03	Completed		RACKTOP SYSTEMS\bsterling	6 ms	04/06/2023, 11:29:08 AM	04/06/2023, 11:29:11 AM	rts-vcent-01.racktop

3. Once the VM is powered off select Actions -> Edit Settings

bsterling03 |    ACTIONS

Summary | Monitor | Configure | Permissions | Datastores | Networks | Snapshots | Updates



Guest OS: Oracle Solaris 10 (64-bit)  
Compatibility: ESXi 7.0 and later (VM version 17)  
VMware Tools: Running, version:2147483647 (Guest Managed)

DNS Name: bsterling03  
IP Addresses: 10.2.22.197  
Host: rts-dev-esx-01.racktopsystems.com

LAUNCH WEB CONSOLE  
LAUNCH REMOTE CONSOLE

The screenshot shows the vSphere interface for a virtual machine named 'bsterling03'. The VM is currently 'Powered Off'. The 'Actions' menu is open, displaying various management options. A red arrow points from the 'Hard disk 1' entry in the 'VM Hardware' table to the 'Edit Settings...' option in the 'Actions' menu.

VM Hardware	
> CPU	4 CPU(s)
> Memory	16 GB, 0
> Hard disk 1	
Total hard disks	
> Network adapter 1	10_2_22_Q
> Network adapter 2	10_2_22_Q
CD/DVD drive 1	Disconnect
> Video card	4 MB
VMCI device	Device on t support for interface
> Other	Additional h
Compatibility	ESXi 7.0 and later (VM version 17)

4. Once the setting windows opens expand the drop down for the desired SCSI controller. There may be more than one if the virtual drives are attached via multiple controller

Edit Settings | bsterling03 ×

Virtual Hardware VM Options

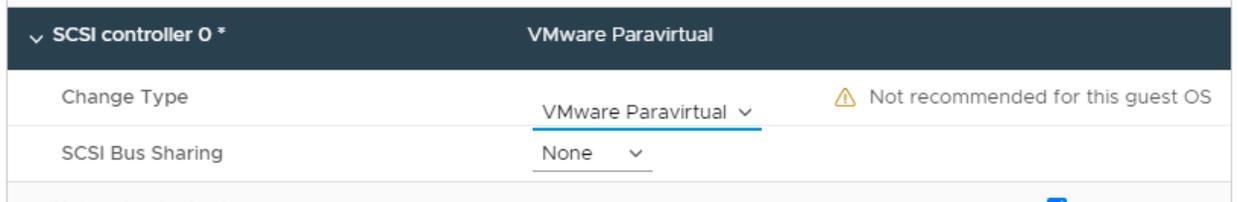
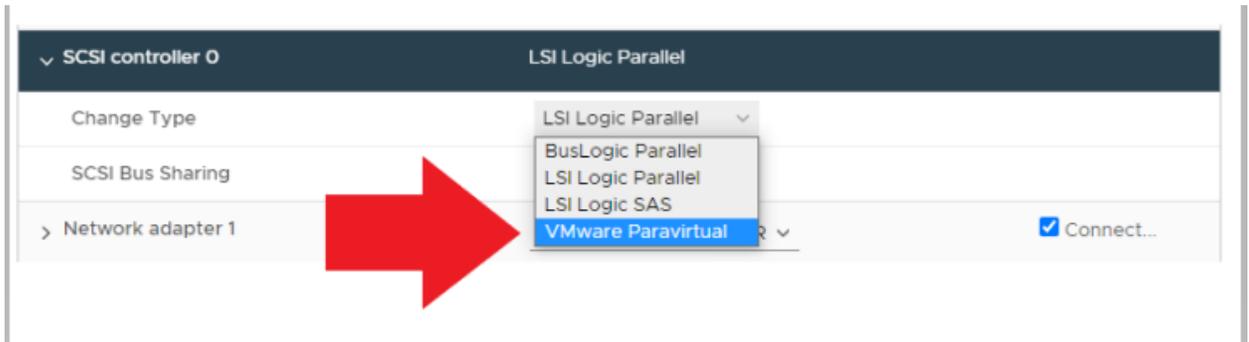
[ADD NEW DEVICE](#) ▾

> CPU	4 ▾	<span style="float: right;">i</span>
> Memory	16 ▾	GB ▾
> Hard disk 1	100	GB ▾
> Hard disk 2	1	GB ▾
> Hard disk 3	1	GB ▾
> SCSI controller 0	LSI Logic Parallel	
> Network adapter 1	10_2_22_QA_ADM_PDR ▾	<input checked="" type="checkbox"/> Connect...
> Network adapter 2	10_2_22_QA_ADM_PDR ▾	<input checked="" type="checkbox"/> Connect...
> CD/DVD drive 1	Client Device ▾	<input type="checkbox"/> Connect...
> Video card	Specify custom settings ▾	
> Security Devices	Not Configured	
VMCI device		
> Other	Additional Hardware	

CANCEL OK



5. With the SCSI controller panel expanded there will be a drop down for “Change Type”. Select this menu and select the new SCSI controller type. For this example, I will be switching from LSI Logic Parallel to VMware Paravirtual. \*(VMware Paravirtual is the recommended SCSI driver for BrickStor VMs)



6. After the desired SCSI driver is selected, click “OK” to submit the change.

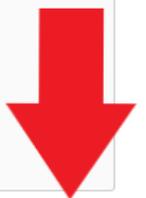
# Edit Settings | bsterling03



Virtual Hardware | VM Options

ADD NEW DEVICE ▾

> CPU	4 ▾	
> Memory	16 ▾ GB ▾	
> Hard disk 1	100 GB ▾	
> Hard disk 2	1 GB ▾	
> Hard disk 3	1 GB ▾	
▾ SCSI controller 0 *	VMware Paravirtual	
Change Type	VMware Paravirtual ▾	Not recommended for this guest OS
SCSI Bus Sharing	None ▾	
> Network adapter 1	10_2_22_QA_ADM_PDR ▾	<input checked="" type="checkbox"/> Connect...
> Network adapter 2	10_2_22_QA_ADM_PDR ▾	<input checked="" type="checkbox"/> Connect...
> CD/DVD drive 1	Client Device ▾	<input type="checkbox"/> Connect...
> Video card	Specify custom settings ▾	
> Security Devices	Not Configured	
VMCI device		
> Other	Additional Hardware	



CANCEL OK

Task Name	Target	Status	Details	Initiator	Queued F	Start Time	Completion Time	Server
Reconfigure virtual machine	bsterling03	Completed		RACKTOP-SYSTEMS\bsterling	193 ms	04/06/2023, 11:45:13 AM	04/06/2023, 11:45:14 AM	its-vcnt-01.racktop

7. Finally, power the VM back on by clicking Actions -> Power -> Power On

bsterling03 | ACTIONS ▾

Summary Monitor Configure Permissions Datastores Networks Snapshots Updates

Powered On

LAUNCH WEB CONSOLE

LAUNCH REMOTE CONSOLE ⓘ

Guest OS: Oracle Solaris 10 (64-bit)  
Compatibility: ESXi 7.0 and later (VM version 17)  
VMware Tools: Running, version:2147483647 (Guest Managed)  
MORE INFO

DNS Name: bsterling03  
IP Addresses: 10.2.22.197  
Host: rts-dev-esx-01.racktopsystems.com

bsterling03 | ACTIONS ▾

Summary Monitor Configure Permissions Snapshots Updates

Powered On

LAUNCH WEB CONSOLE

LAUNCH REMOTE CONSOLE ⓘ

Guest OS: Oracle Solaris 10 (64-bit)  
Compatibility: ESXi 7.0 and later (VM version 17)  
VMware Tools: Running, version:2147483647 (Guest Managed)  
MORE INFO

DNS Name: bsterling03  
IP Addresses: 10.2.22.197  
Host: rts-dev-esx-01.racktopsystems.com

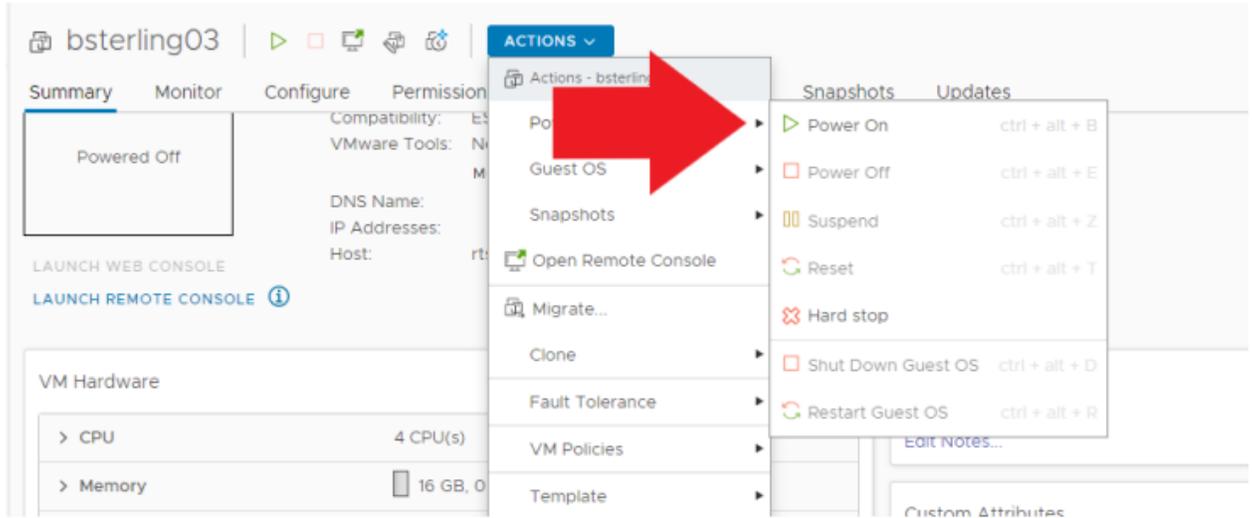
VM Hardware

> CPU 4 CPU(s)

- Actions - bsterling03
- Power ▶
- Guest OS ▶
- Snapshots ▶
- Open Remote Console
- Migrate...
- Clone ▶
- Fault Tolerance ▶
- VM Policies ▶
- Template ▶
- Compatibility ▶

Notes

Edit Not



8. Once the VM has completed powering on, the SCSI driver will have taken effect, and the VM will be fully operational.

Recent Tasks		Alarms						
Task Name	Target	Status	Details	Initiator	Queued F	Start Time	Completion Time	Server
Power On virtual machine	bsterling03	Completed		System	2 ms	04/06/2023, 11:47:49 AM	04/06/2023, 11:47:50 AM	rts-vcnt-01.racktop
Initialize powering On	Development	Completed		RACKTOP SYSTEMS\bsterling	6 ms	04/06/2023, 11:47:49 AM	04/06/2023, 11:47:49 AM	rts-vcnt-01.racktop