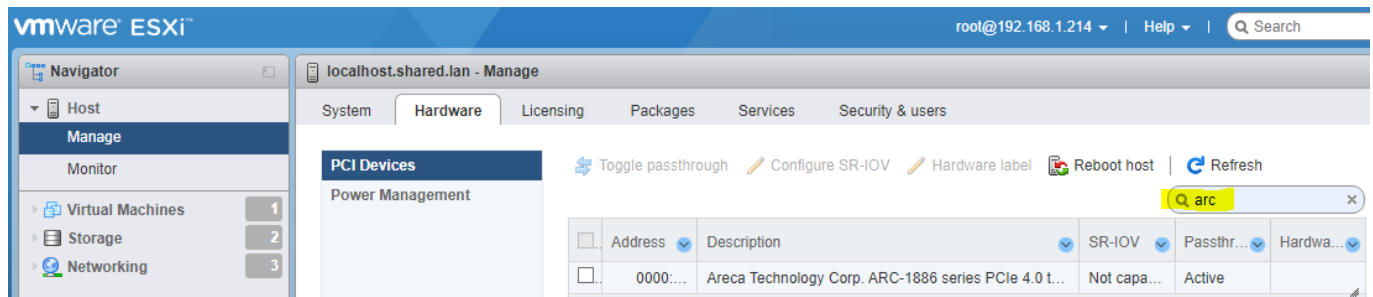


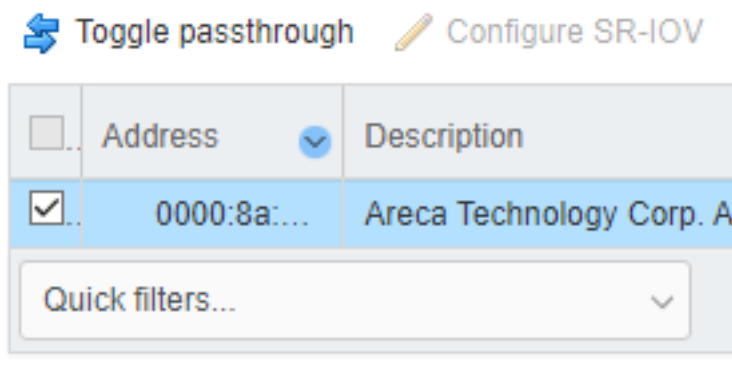
# VMWARE

## How to passthrough ARECA Controller on VMWARE ESXi 7.0?

On ESXi Web interface go to Manage -> Hardware -> PCI Device and write "ARC" on search box:



Select ARECA Device row and click "Toggle passthrough":



Take note of Device ID and Vendor ID:

# VMWARE

Toggle passthrough

Configure SR-IOV

Hardware label

Reboot host

Refresh

<input type="checkbox"/>	Address	Description	SR-IOV	Passth
<input checked="" type="checkbox"/>	0000:8a:...	Areca Technology Corp. ARC-1886 series PCIe 4.0 to NVMe/SAS/S...	Not capable	Active

Quick filters...

ARC-1886 series PCIe 4.0 to NVMe/SAS/SATA 16/12/6Gb RAID Controller

ID	0000:8a:00.0	Vendor Name	Areca Technology Corp.
Device ID	0x188a	Class ID	0x104
Vendor ID	0x17d3	Subdevice ID	0x1886
Function	0x0	Subvendor ID	0x17d3
Bus	0x8a	Slot	0x0

Edit /etc/vmware/passthru.map and add at the end of file Device ID Vendor ID  
resetMethod fptShareable as sample below

# VMWARE

```
# Intel 82579LM Gig NIC can be reset with d3d0
8086 1502 d3d0 default
# Intel 82598 10Gig cards can be reset with d3d0
8086 10b6 d3d0 default
8086 10c6 d3d0 default
8086 10c7 d3d0 default
8086 10c8 d3d0 default
8086 10dd d3d0 default
# Broadcom 57710/57711/57712 10Gig cards are not shareable
14e4 164e default false
14e4 164f default false
14e4 1650 default false
14e4 1662 link false
# Qlogic 8Gb FC card can not be shared
1077 2532 default false
# LSILogic 1068 based SAS controllers
1000 0056 d3d0 default
1000 0058 d3d0 default
# NVIDIA
10de ffff bridge false
# AMD FCH SATA Controller [AHCI mode]
1022 7901 d3d0 default
#ARECA
17d3 188a d3d0 false
```

```
resetMethod = d3d0
fptShareable = false
```

execute /sbin/auto-backup.sh and reboot

ID univoco: #1019

Autore: : Administrator

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