

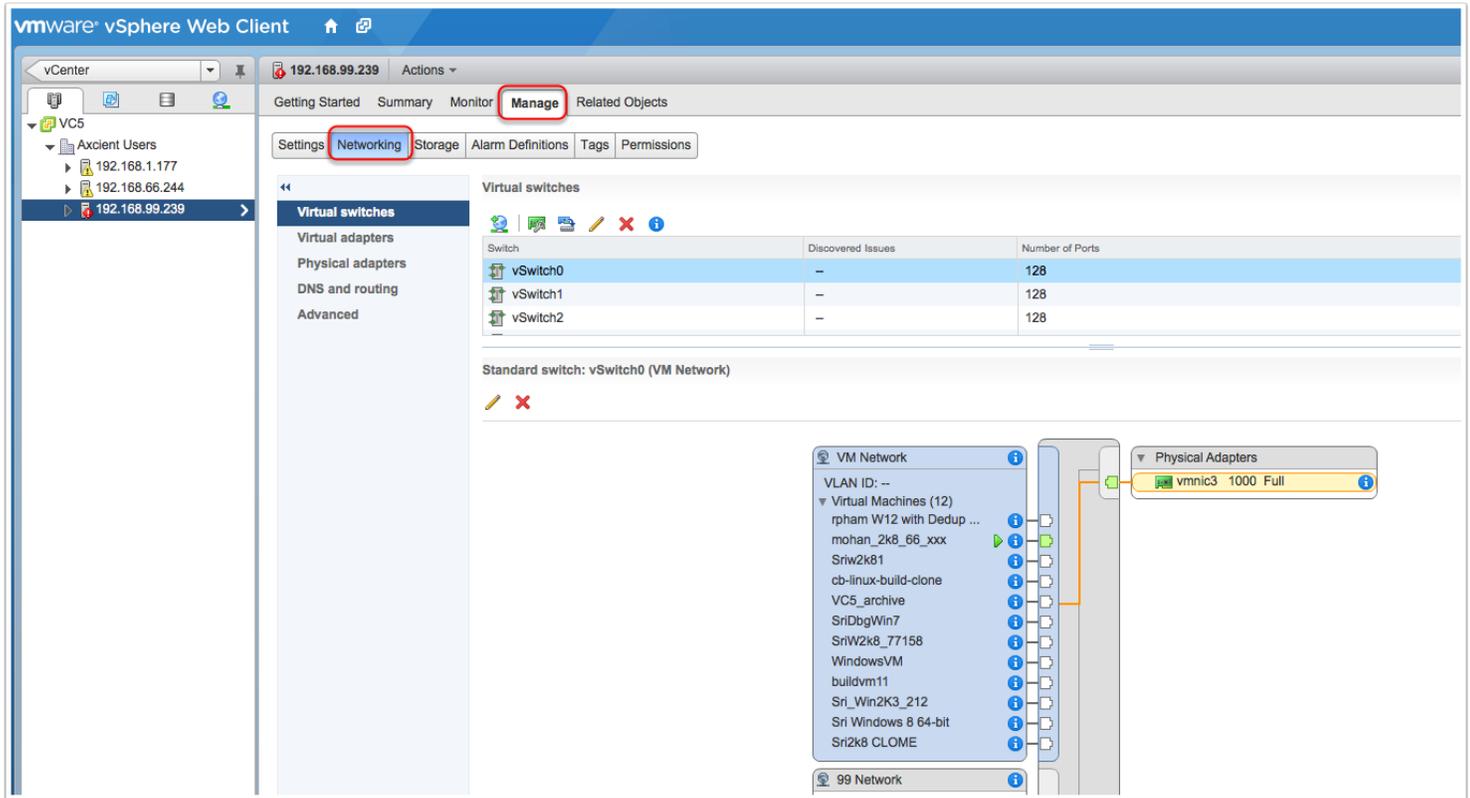
# Migration Steps for Axcient Appliance: physical to virtual and virtual to physical

## Log into vSphere and navigate to your hosts



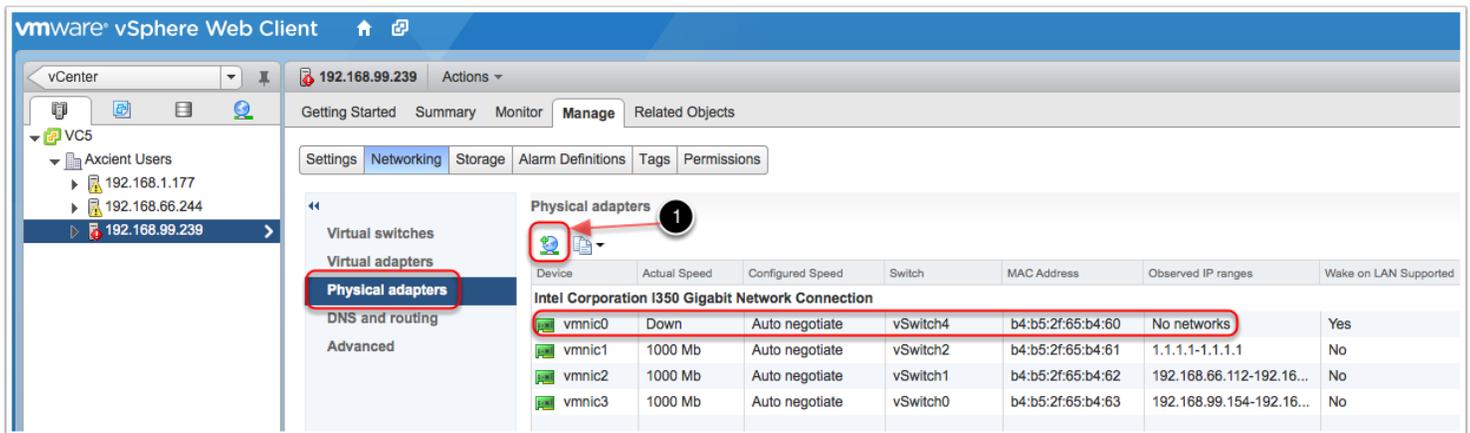
The following instructions cover the process of connecting an Axcient virtual appliance to an Axcient physical appliance. These connection steps cover both physical to virtual and virtual to physical migrations. The difference between these migration is based on which appliance is the source and which is the destination during the migration process. The migration process is done by Axcient support (the last step of these instructions).

## Go to your host's networking panel



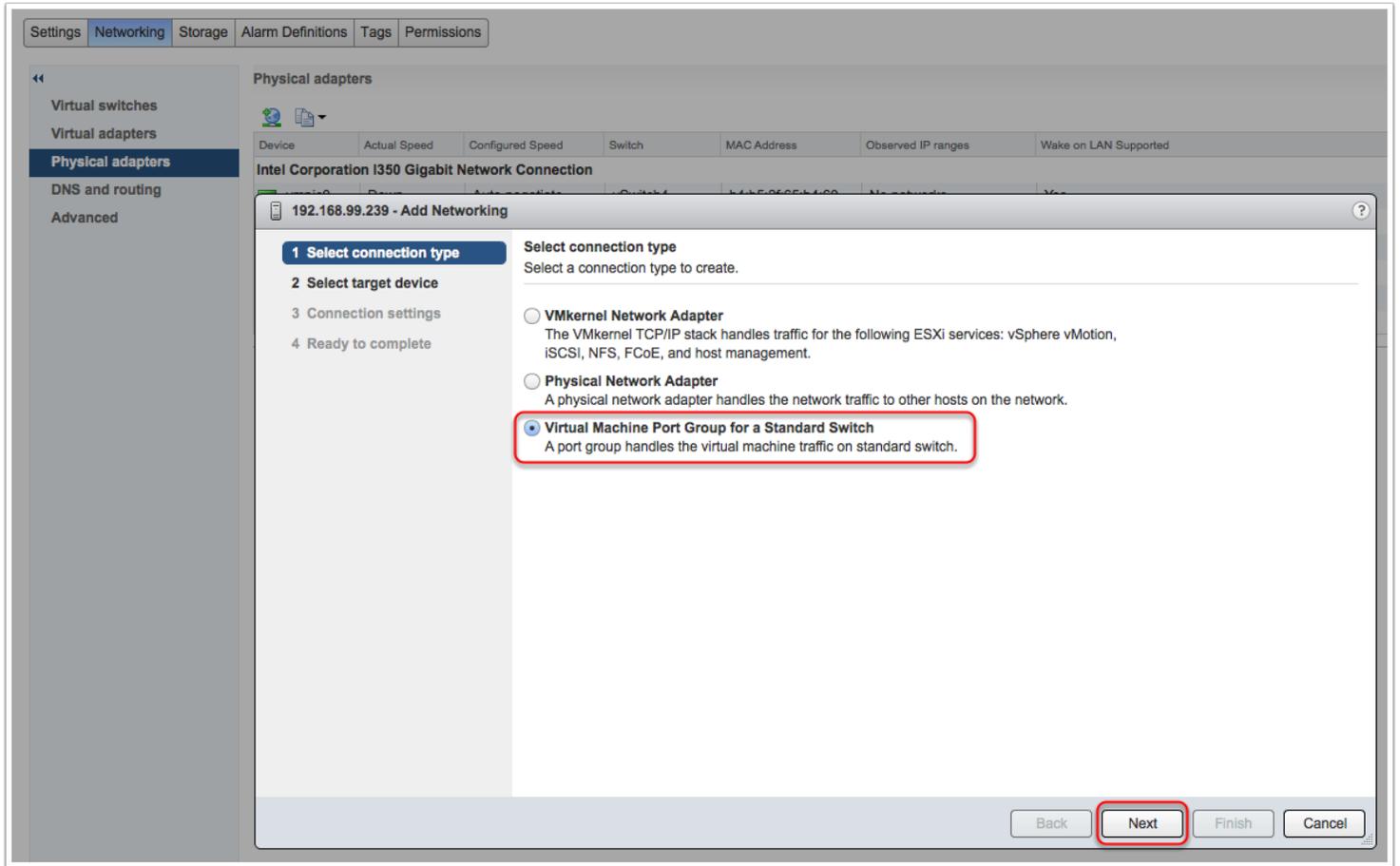
Highlight the host in the left panel, and then choose "Manage" and "Networking".

## Find an available physical NIC



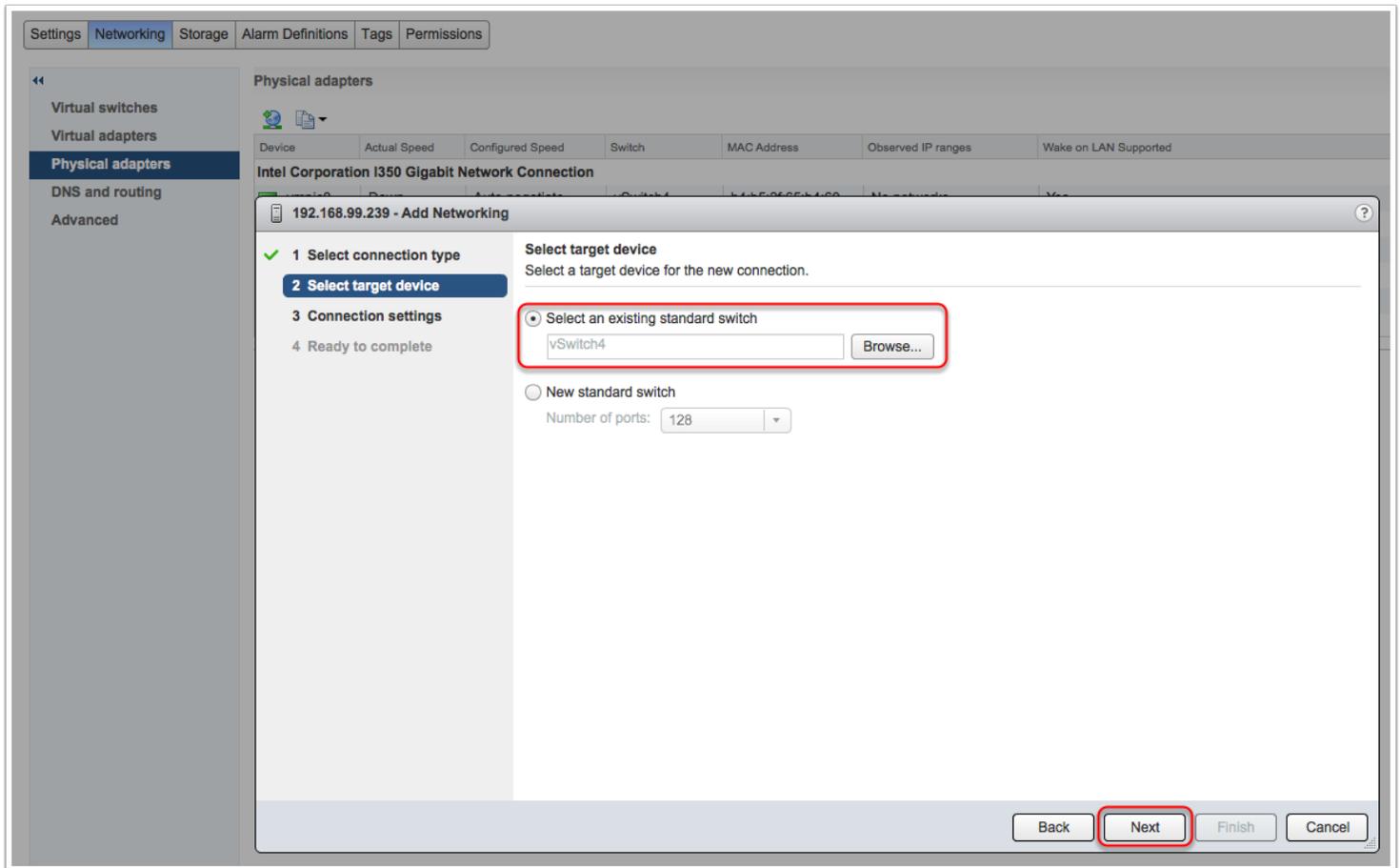
Choose the "Physical adapters" menu and find an available physical NIC on the host. For this example vmnic0 is available. Then use the blue globe icon to add a network host (1).

## Select connection type



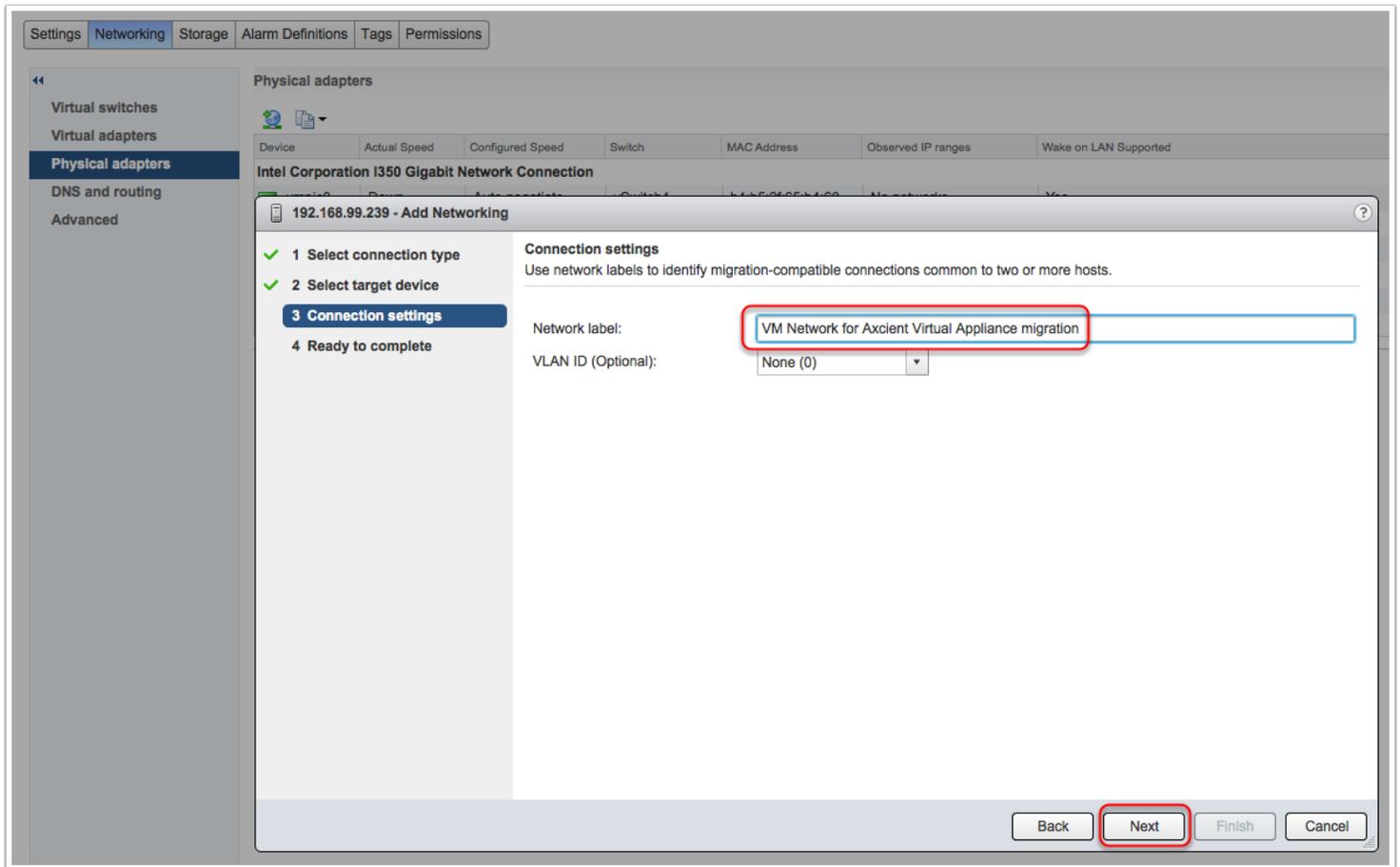
Choose the "Virtual Machine Port Group for a Standard Switch" option. Then select the "Next" button.

## Select target device



Select an existing standard switch (1) as shown in this example, or create a new switch (2). Then select the "Next" button.

## Edit Connection Settings



Change the network label name to something meaningful. Then select the "Next" button.

## Review settings

The screenshot shows the 'Physical adapters' configuration page in the Axcient management console. A modal window titled '192.168.99.239 - Add Networking' is open, displaying a 'Ready to complete' screen. The modal shows a progress list on the left with four steps: '1 Select connection type', '2 Select target device', '3 Connection settings', and '4 Ready to complete'. The right side of the modal displays the configuration details: 'Standard switch: vSwitch4', 'Virtual machine port group: VM Network for Axcient Virtual Appliance migration', and 'VLAN ID: None (0)'. At the bottom of the modal, there are four buttons: 'Back', 'Next', 'Finish', and 'Cancel'. The 'Finish' button is highlighted with a red rectangle.

Review networking settings and select the "Finish" button.

## Virtual switch connected to physical nic

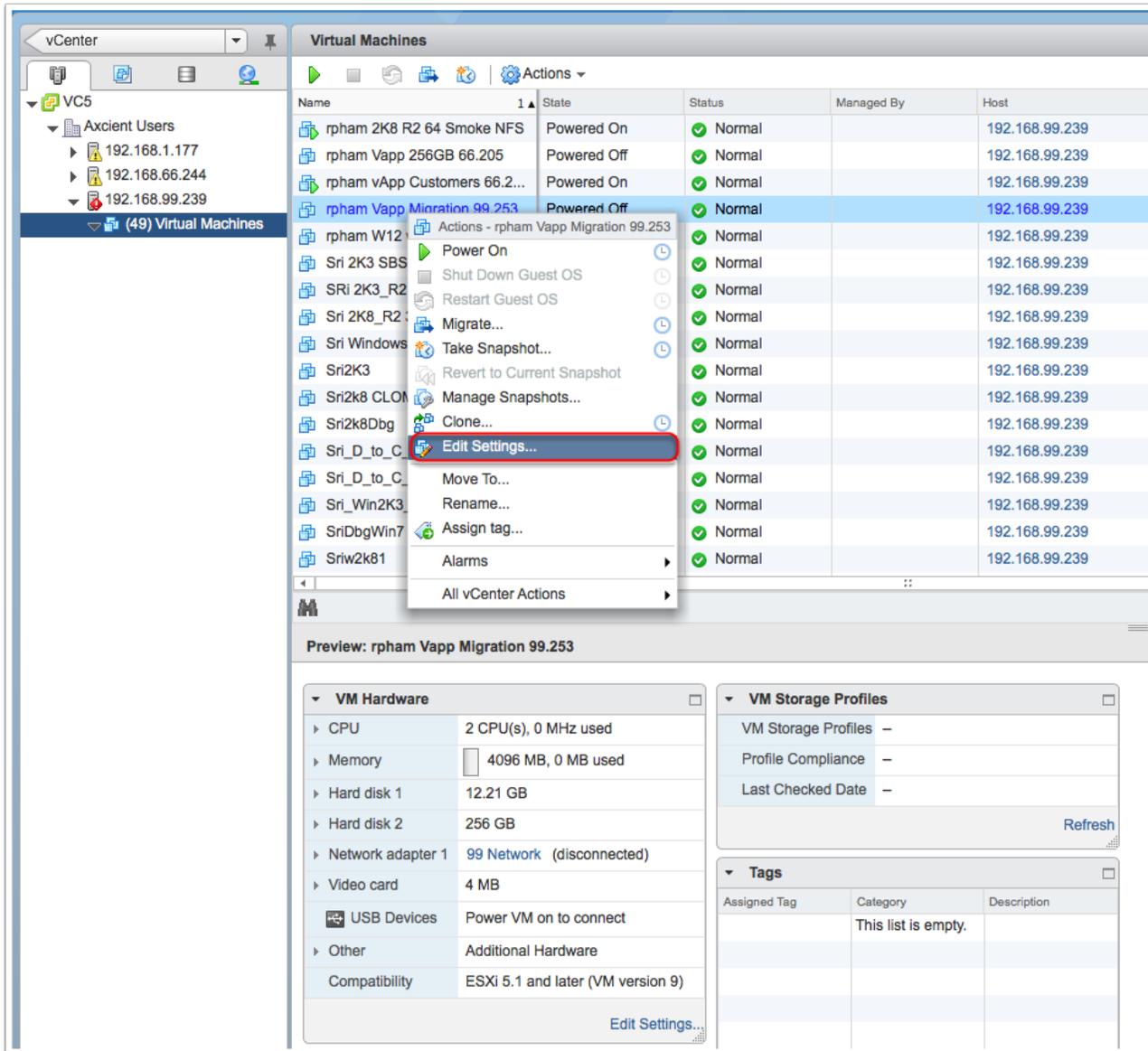
The screenshot displays the vSphere Web Client interface for managing a virtual switch. The left sidebar shows the navigation tree with 'VC5' selected, and the 'Virtual switches' menu item is highlighted. The main content area shows the 'Virtual switches' configuration page for vSwitch4. A table lists the virtual switches and their properties:

Switch	Discovered Issues	Number of Ports
vSwitch2	–	128
vSwitch3	–	128
vSwitch4	–	128

Below the table, the configuration for the selected vSwitch4 is shown: 'Standard switch: vSwitch4 (VM Network for Axcient Virtual Appliance migration)'. A diagram at the bottom illustrates the connection between the 'VM Network for Axcient ...' (VLAN ID: --, Virtual Machines (0)) and the 'Physical Adapters' (vmnic0).

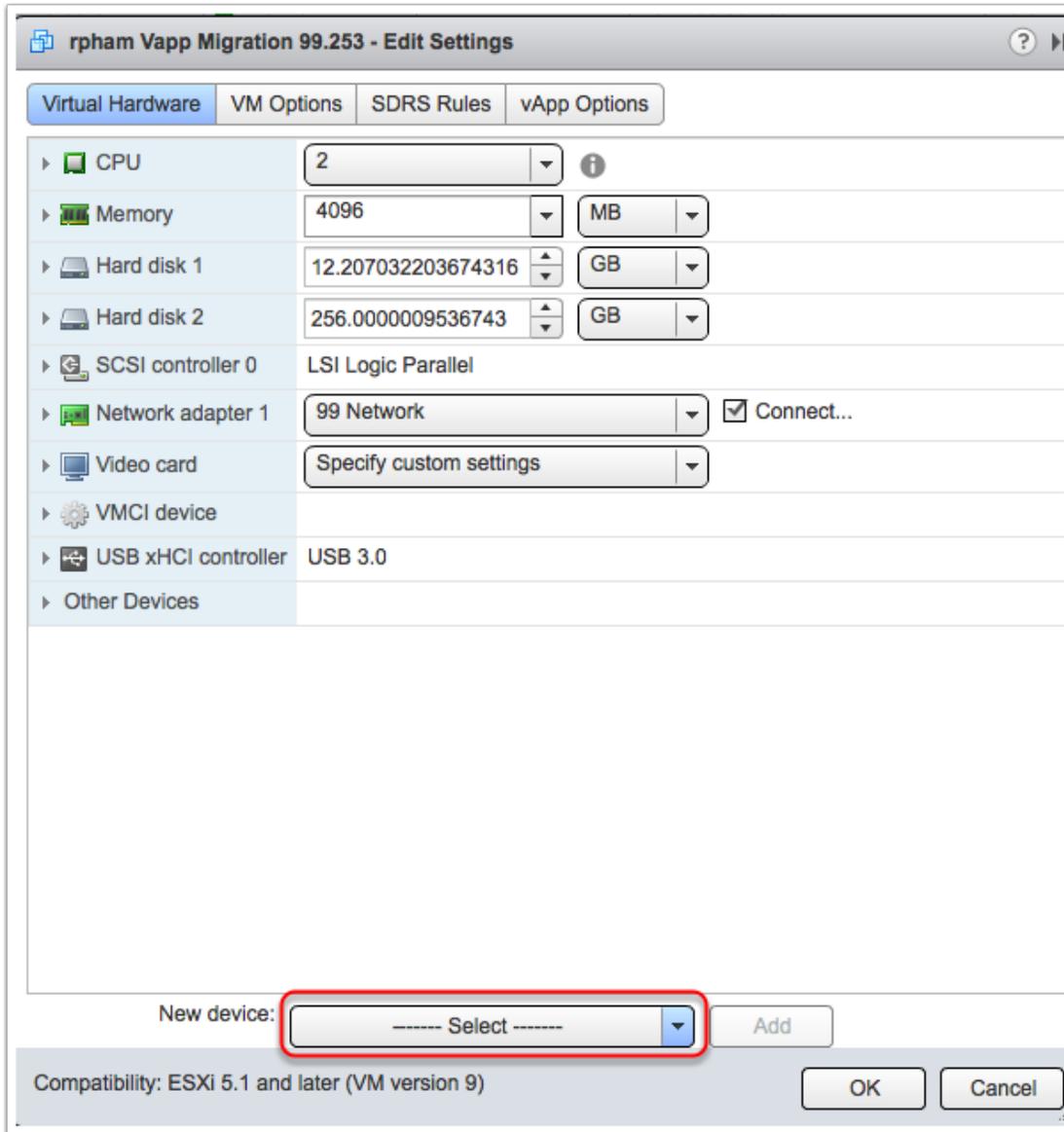
If you go to the "Virtual switches" menu you will see the connection between the virtual switch (in this case vSwitch4) and the physical NIC (vmnic0 for this example). The next steps cover connecting the Axcient Virtual Appliance to this virtual switch.

## Select the Axcient Virtual Appliance



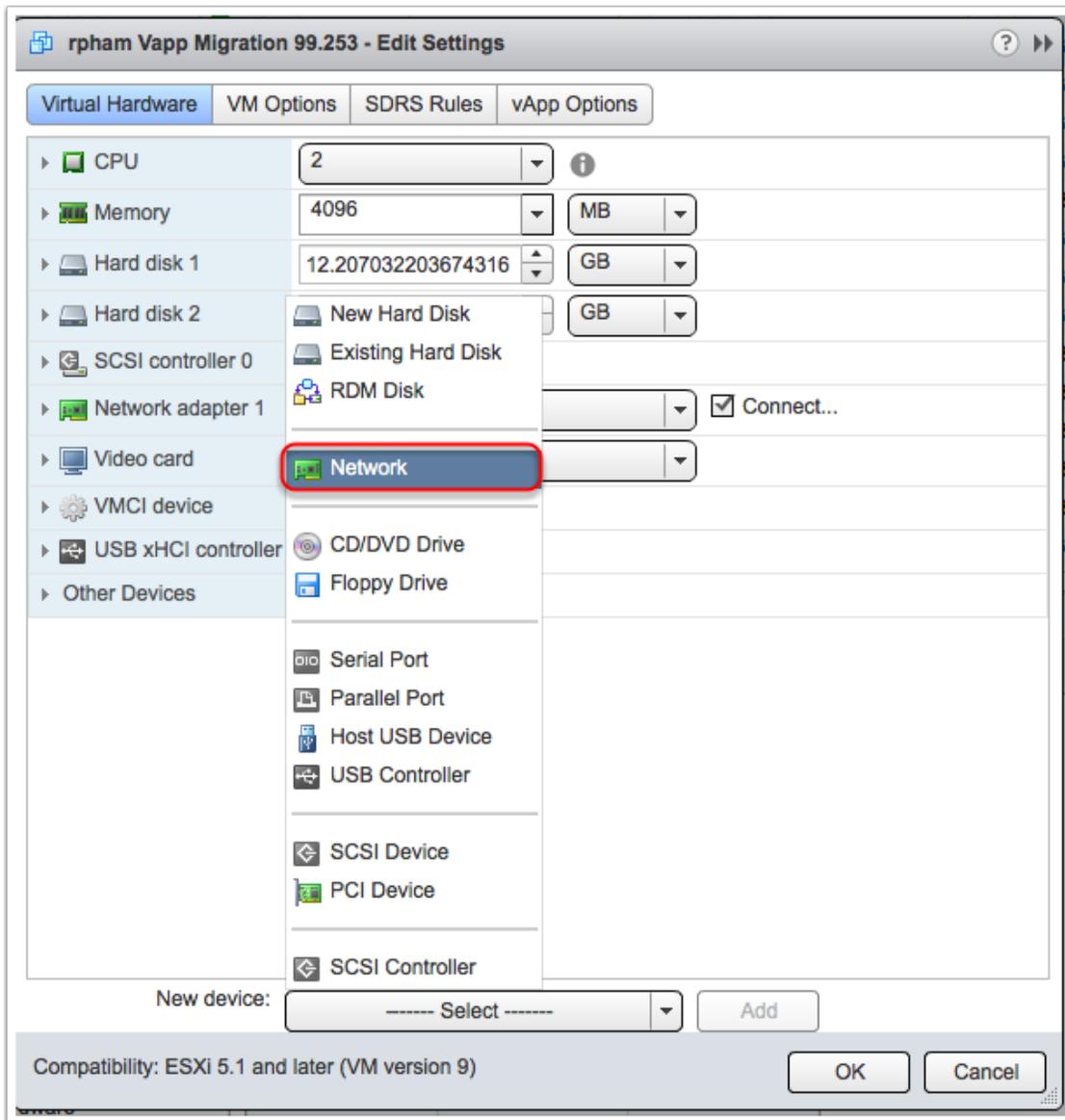
From your VM host select the Axcient Virtual Appliance and then right click and choose "Edit Settings...".

## vApp setting panel



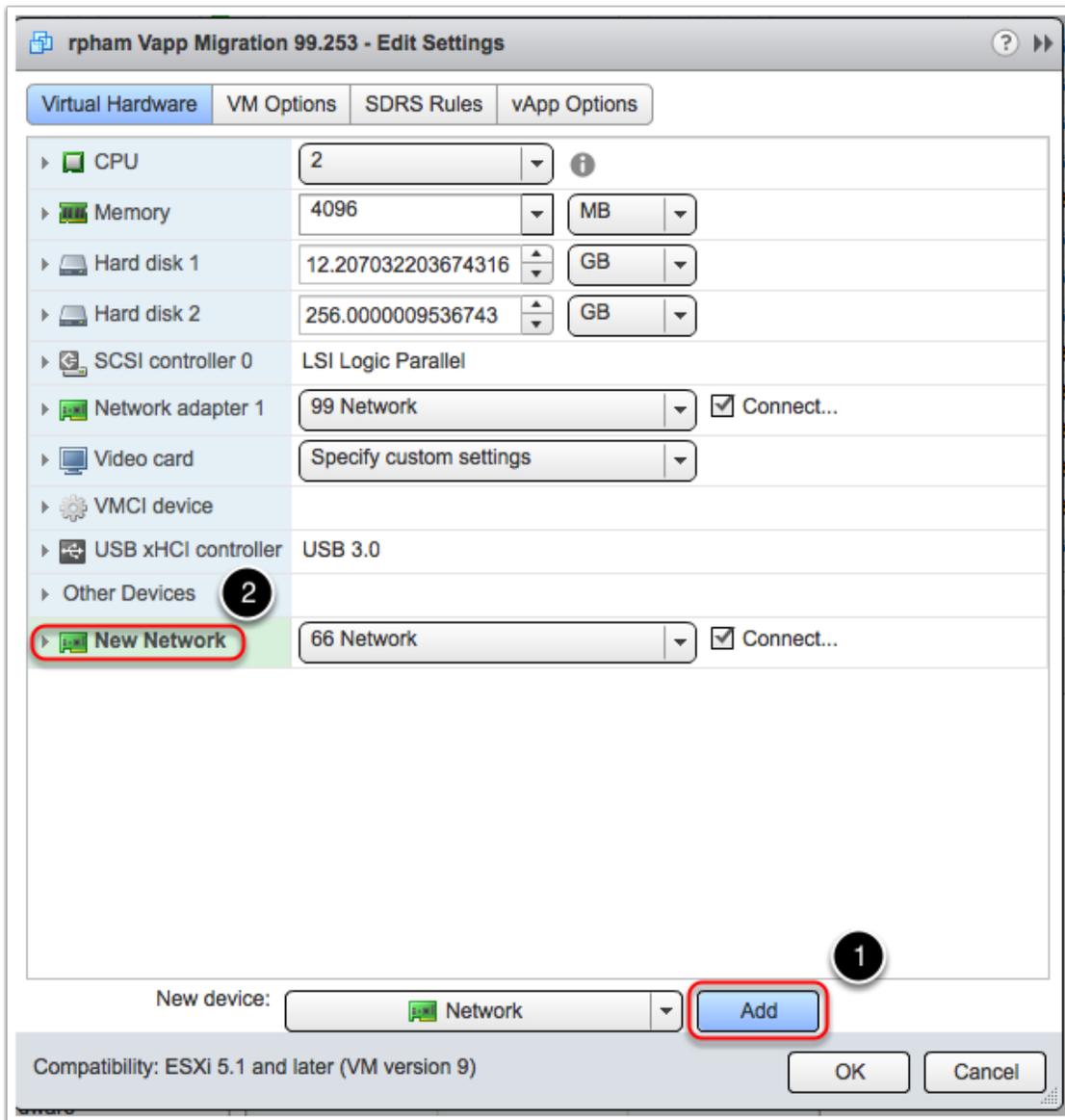
In the Axcient Virtual Appliance's setting menu select the "New device" drop-down.

## Select Network Device



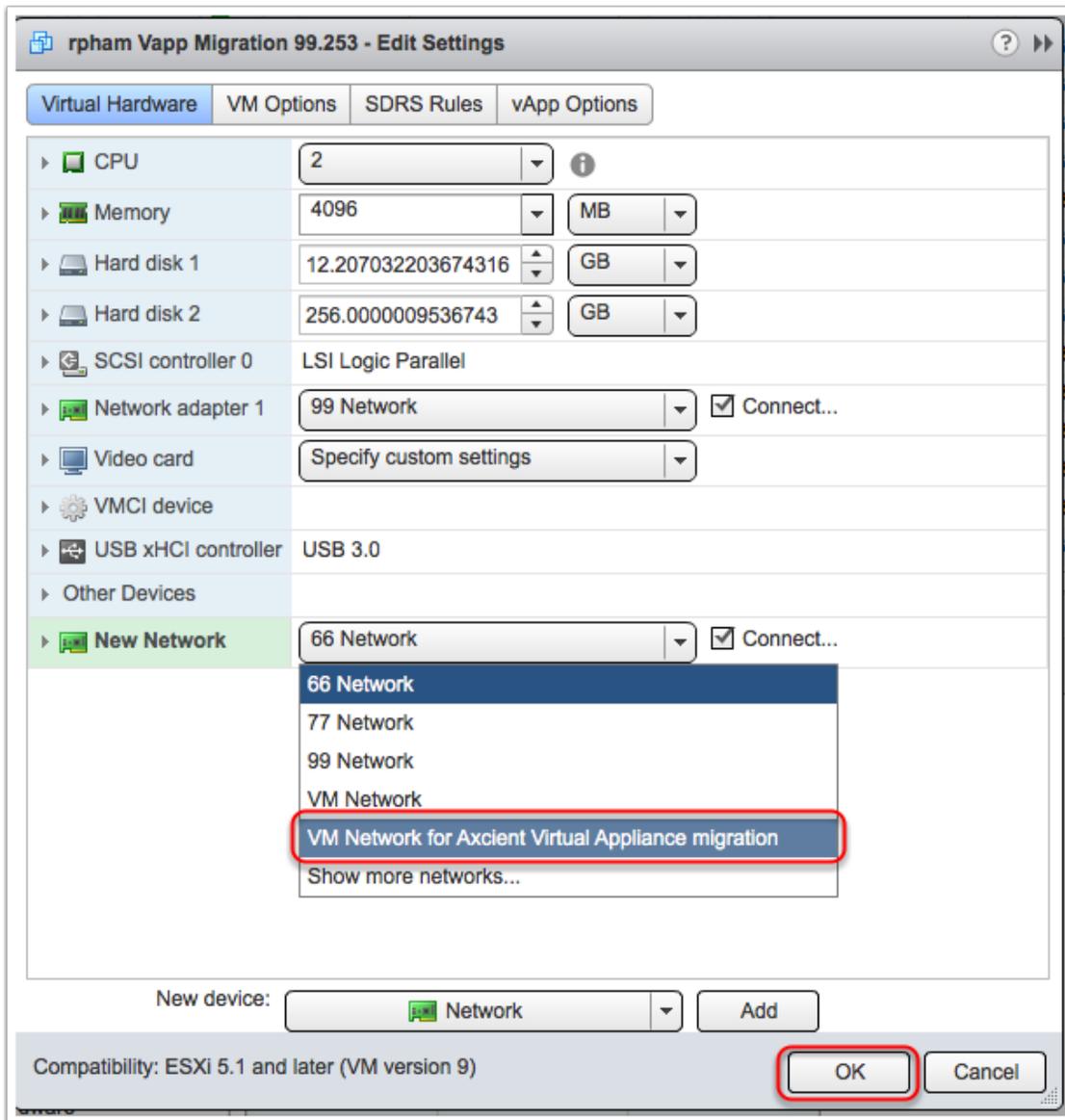
From the drop-down select the "Network" device.

## Add the Network Device



Select the "Add" button (1). At this point you will see the new network device (2) show on the settings panel.

## Select the Network for the New Device



Use the drop-down to select the network that you just created. Then select the "OK" button.

## The vApp should have the new NIC card

The screenshot shows the vCenter interface. On the left, the 'Virtual Machines' folder is expanded under 'VC5'. The main pane displays a table of virtual machines. The VM 'rpham Vapp Migration 99.253' is selected. Below the table, the 'Preview' section shows the VM Hardware details for this VM. A red circle highlights the 'Network adapter 2' entry, which is 'VM Network for Axcient Virtual Appliance migration (disconnected)'.

Name	State	Status	Managed By
Olena 2K8R2 64	Powered On	Normal	
Regression-x64	Powered Off	Normal	
ritu_bmr_fovm	Powered On	Alert	
Roger Vapp2	Powered Off	Normal	
rpham 2K3R2 Retention Test...	Powered On	Normal	
rpham 2K8 R2 64 Smoke NFS	Powered On	Normal	
rpham Vapp 256GB 66.205	Powered Off	Normal	
rpham vApp Customers 66.2...	Powered On	Normal	
rpham Vapp Migration 99.253	Powered Off	Normal	
rpham W12 with Dedup enab...	Powered Off	Normal	
Sri 2K3 SBSNEW	Powered Off	Normal	
SRI 2K3_R2 32-bitNEW	Powered Off	Normal	
Sri 2K8_R2 32-bit	Powered Off	Normal	
Sri Windows 8 64-bit	Powered Off	Normal	
Sri2K3	Powered Off	Normal	
Sri2k8 CLOME	Powered Off	Normal	
Sri2k8Dbg	Powered Off	Normal	

VM Hardware	
CPU	2 CPU(s), 0 MHz used
Memory	4096 MB, 0 MB used
Hard disk 1	12.21 GB
Hard disk 2	256 GB
Network adapter 1	99 Network (disconnected)
Network adapter 2	VM Network for Axcient Virtual Appliance migration (disconnected)
Video card	4 MB
Other	Additional Hardware
Compatibility	ESXi 5.1 and later (VM version 9)

You should now see the new network adapter for the VM Hardware details. When the Axcient Virtual Appliance is booted it will now have the new NIC as eth1. You will now need to connect your physical Axcient appliance to the physical port from your host (in this example vmnic0). Please contact [Axcient support](#) for assistance with the next migration steps.