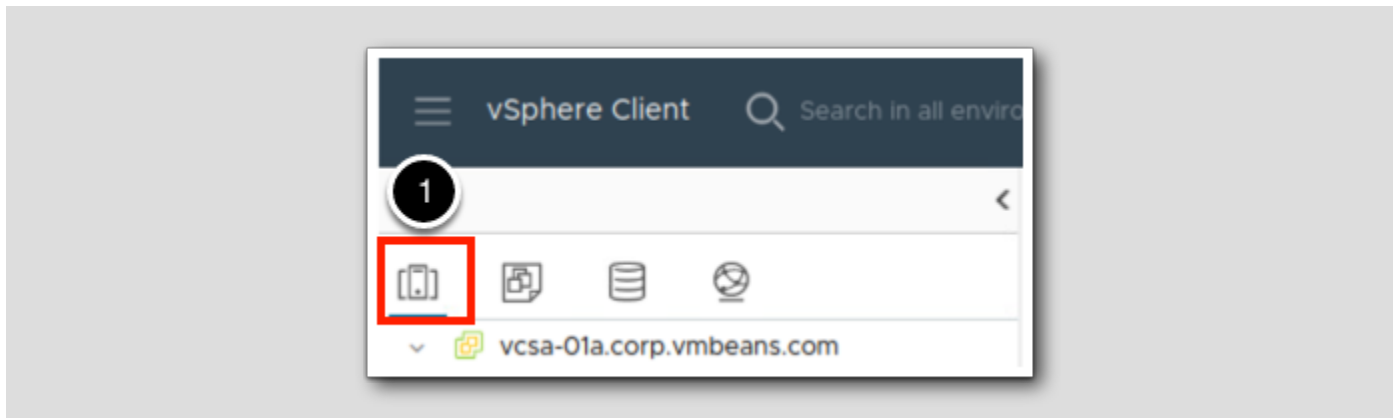


Select Host and Clusters

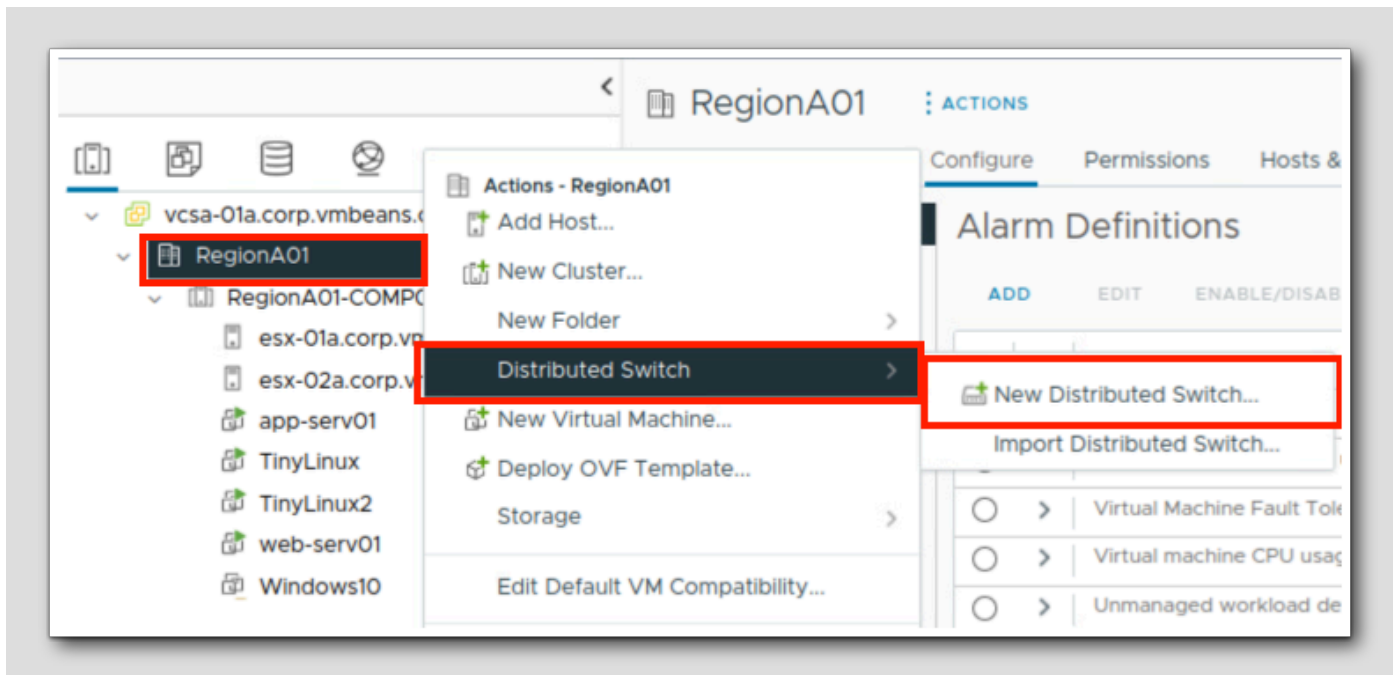
[311]



1. Select Host and Clusters

Add a vSphere Distributed Switch Using the vSphere Web Client

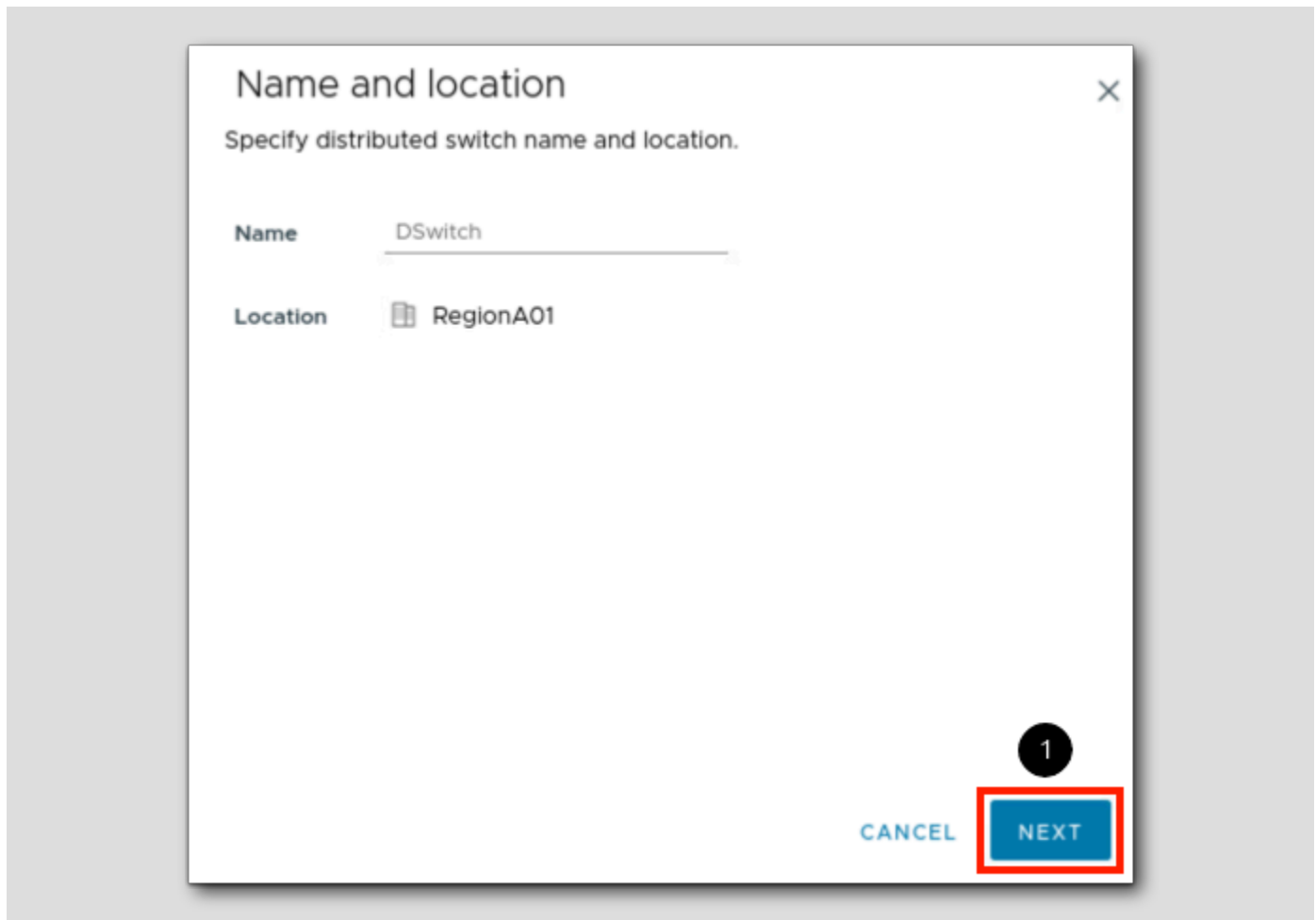
[312]



1. Under vcsa-01a.corp.vmbeans.com, right-click RegionA01
2. Select Distributed Switch and then click New Distributed Switch

Name and Location

[313]

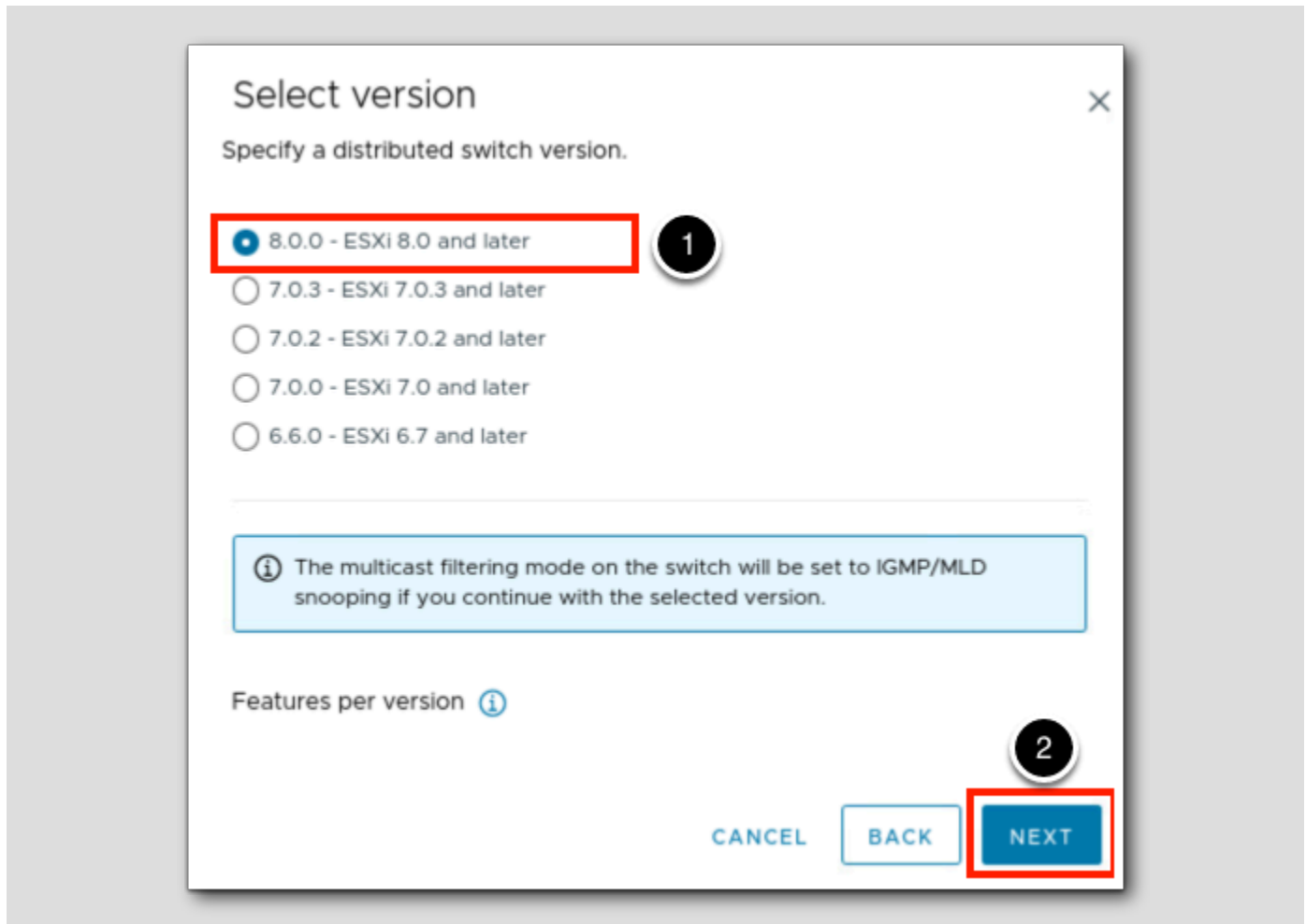


Keep the default name for the new distributed switch.

1. Click **Next**

Select Version

[314]



1. Select 8.0.0 - ESXi 8.0 and later

2. Click **Next**

Note that the version of the Distributed Switch determines which ESXi host versions are able to join the switch. Once all hosts that are a member of a Distributed Switch have been upgraded, the switch may be upgraded to the matching version.

Edit Settings

[315]

Configure settings [X]

Specify network offloads compatibility, number of uplink ports, resource allocation and default port group.

Network Offloads compatibility None ⓘ

Number of uplinks 4 [up/down arrows]

Network I/O Control Enabled ▾

Default port group ☒ Create a default port group

Port group name DPortGroup 1

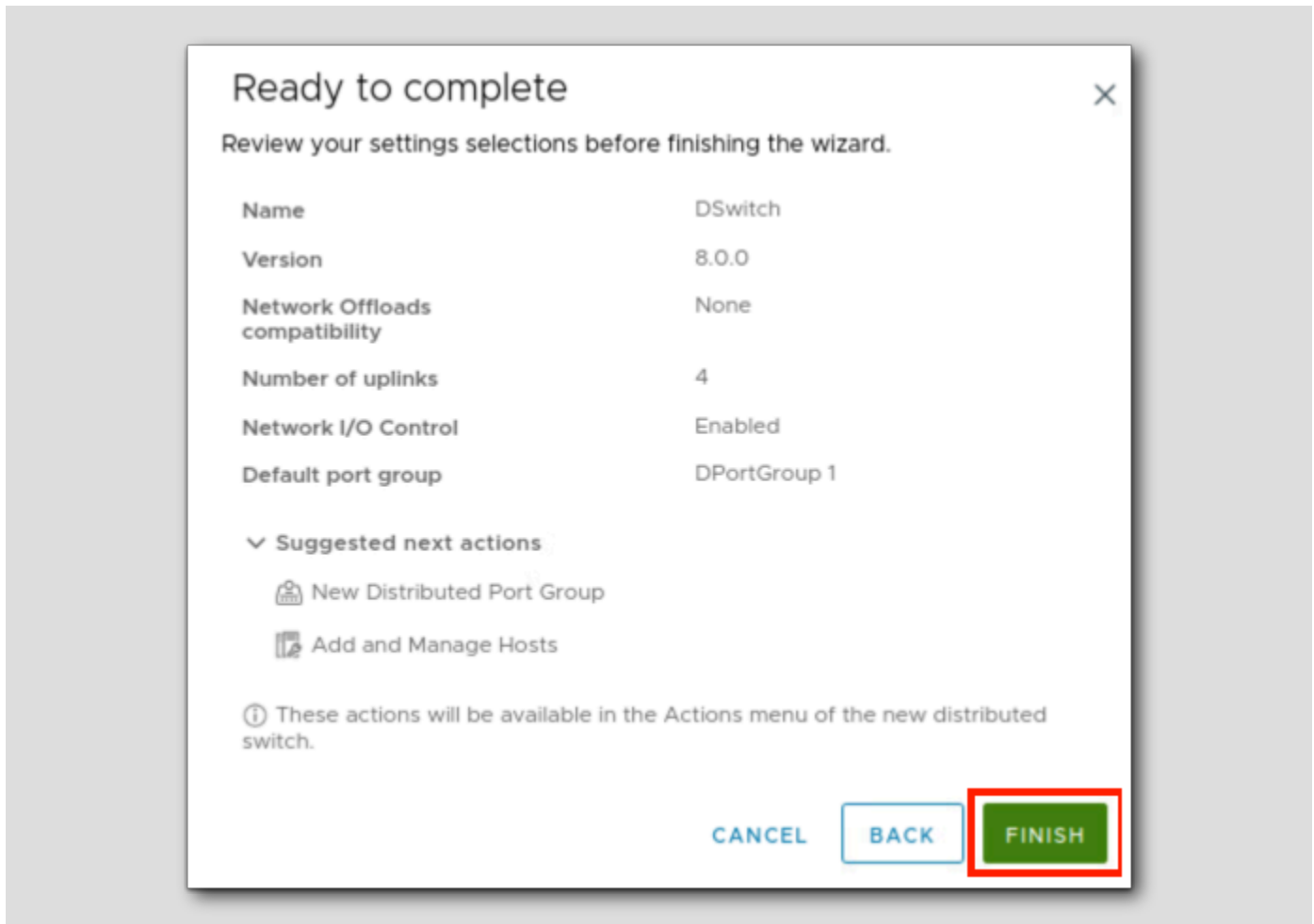
CANCEL BACK **NEXT**

1

1. Leave the default options and click Next

Ready to Complete

[316]

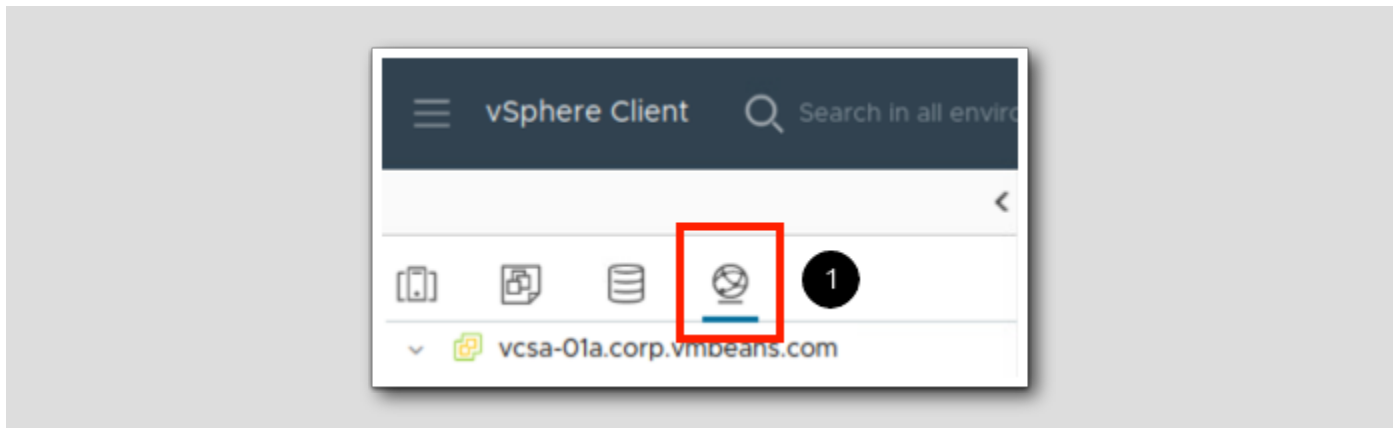


1. Review the settings and click **Finish**

Notice the next suggested steps are to create Distributed Port Groups and adding Hosts.

Add Hosts to a vSphere Distributed Switch in the vSphere Web Client

[317]

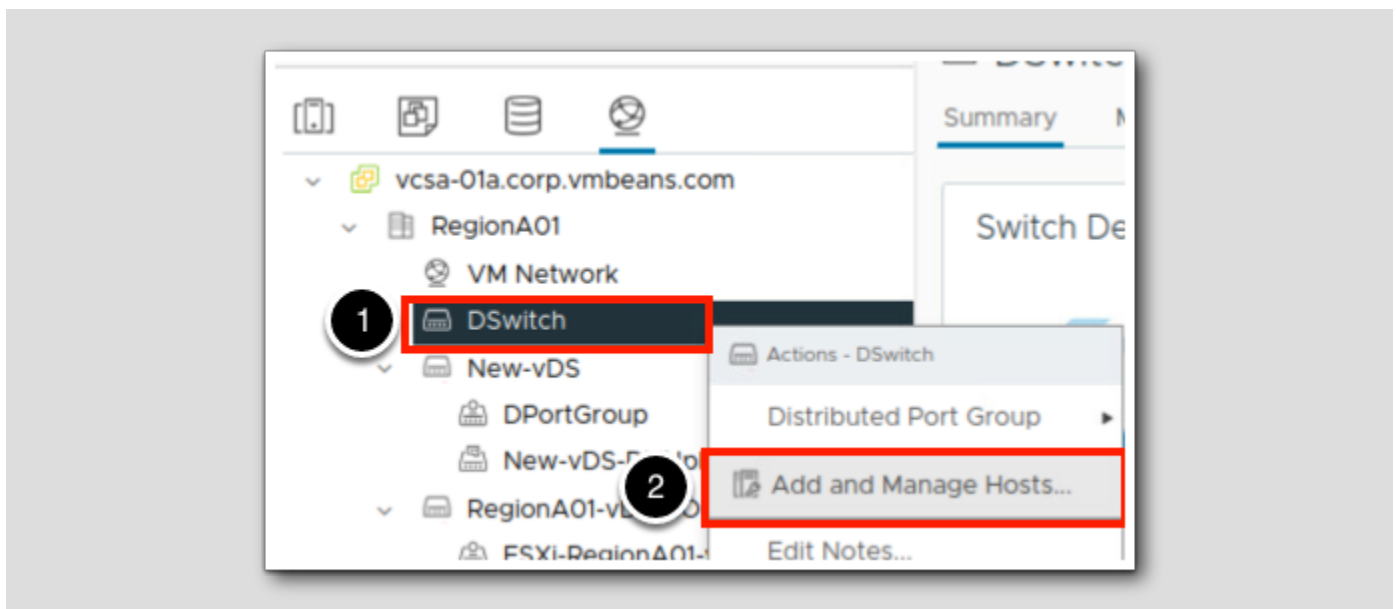


Now that we have created a vSphere distributed switch, let's add hosts and physical adapters to create a virtual network.

1. Click on the **Networking** icon

Add Hosts

[318]

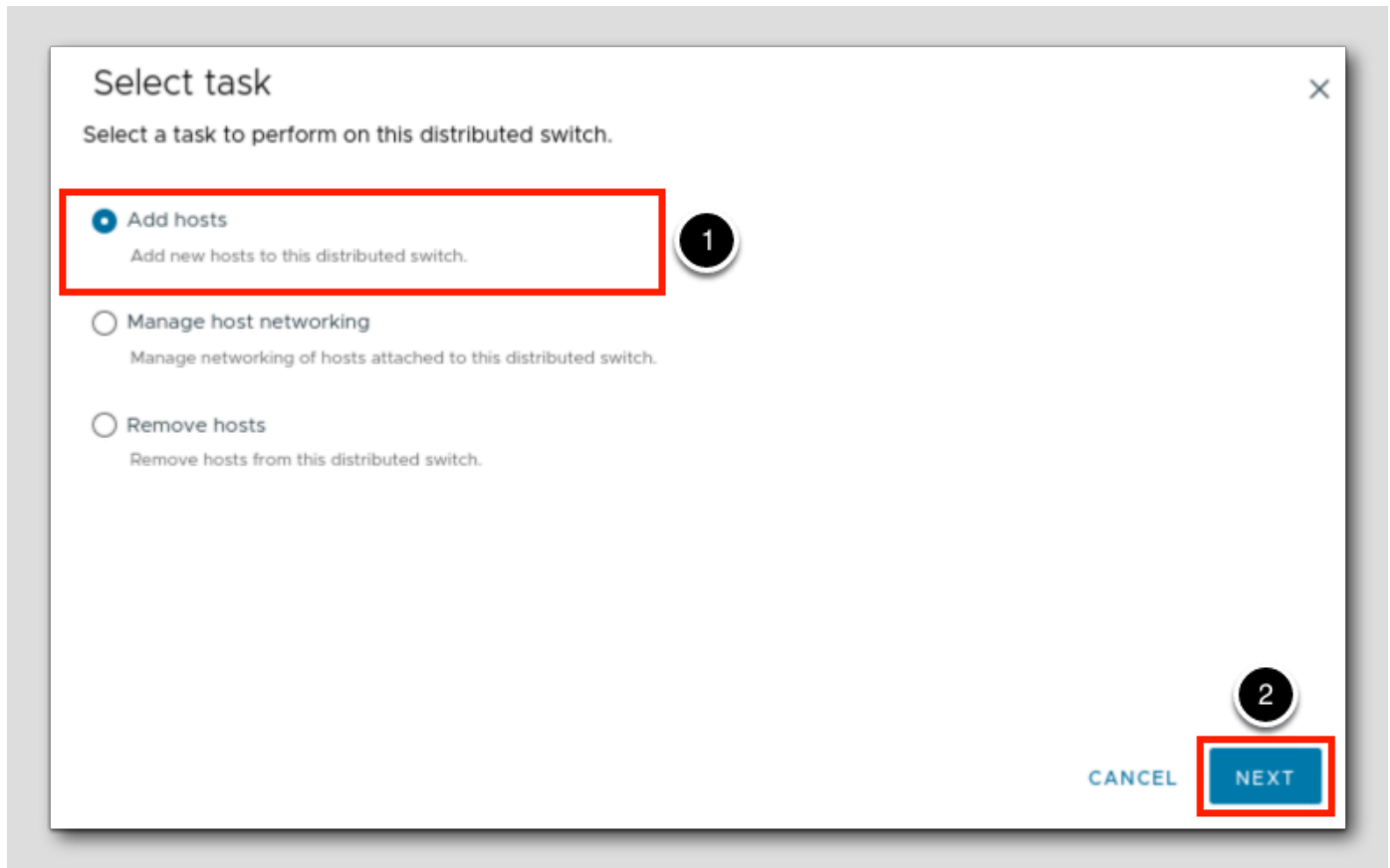


Expand **RegionA01** until you see the Distributed Switch we just created, **DSwitch**.

1. Right-click on **DSwitch**
2. Select **Add and Manage Hosts...**

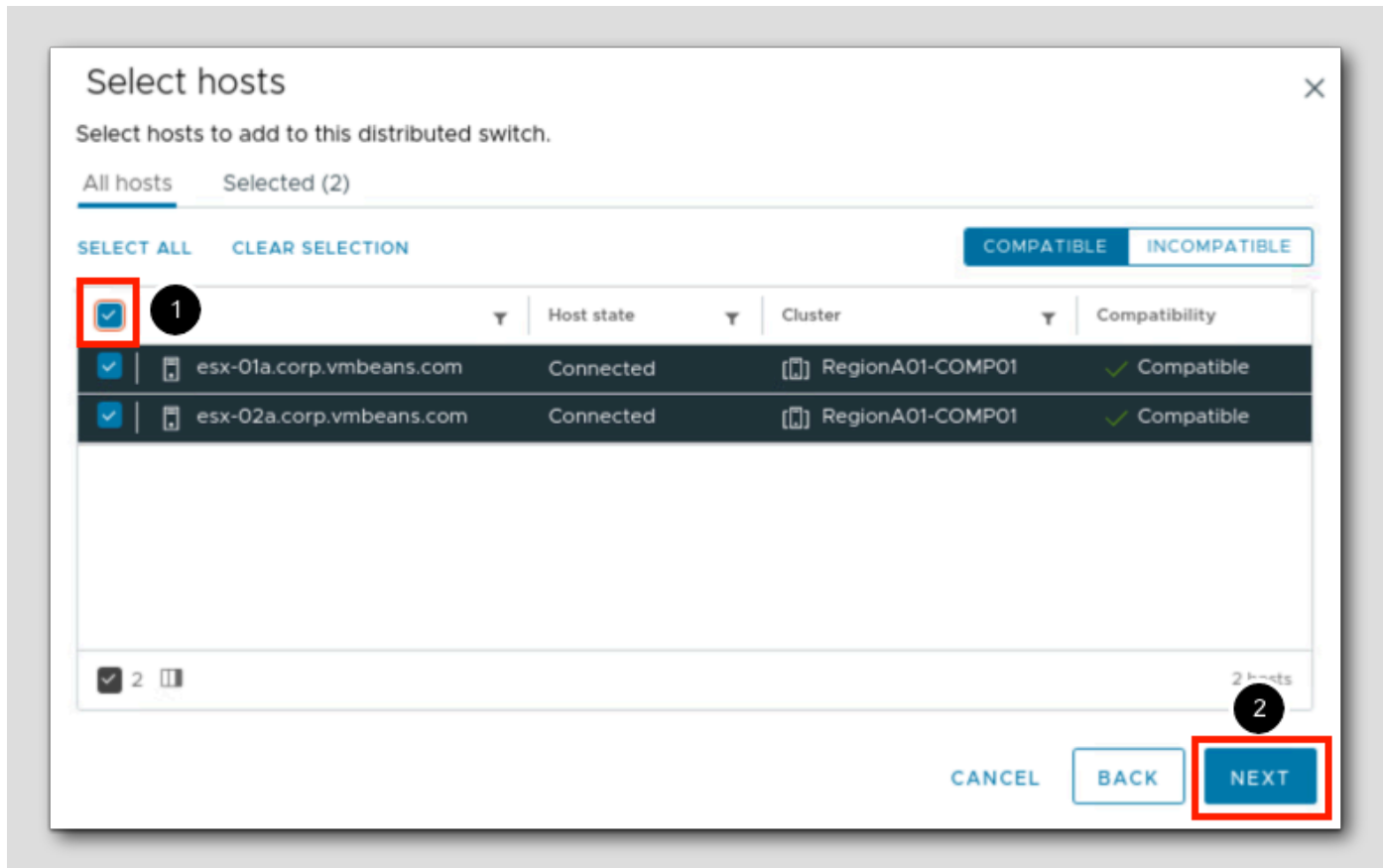
Select Task

[319]



1. Select **Add hosts**
2. Click **Next**

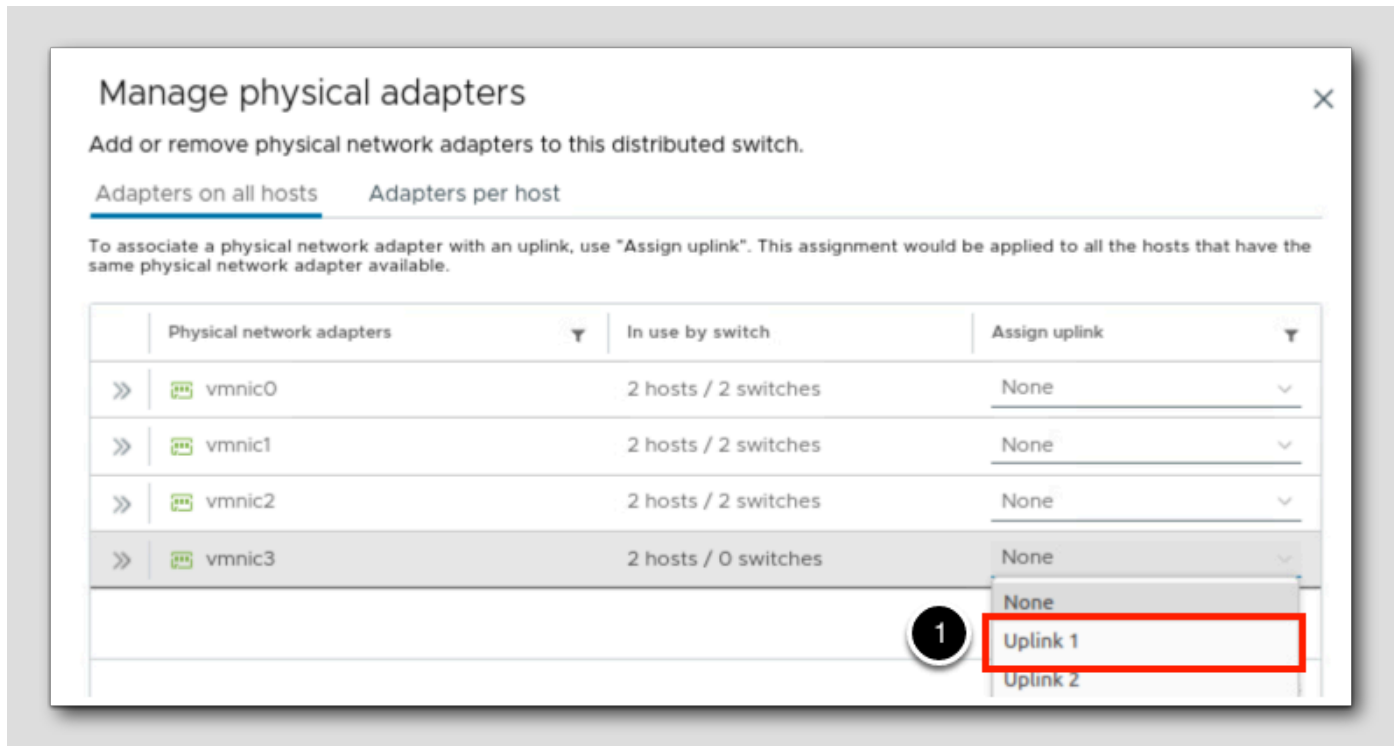
Select Hosts



1. Select all hosts, in this case, it would be esx-01a.corp.vmbeans.com and esx-02a.corp.vmbeans.com
2. Click Next

Assign Physical Adapters

[321]



On the Manage physical network adapters page, we want to configure which physical NICs will be used on the distributed switch.

1. Click Assign uplink drop-down menu for vmnic3 and select Uplink1

Review Settings

Manage physical adapters

Add or remove physical network adapters to this distributed switch.

Adapters on all hosts Adapters per host

To associate a physical network adapter with an uplink, use "Assign uplink". This assignment would be applied to all the hosts that have the same physical network adapter available.

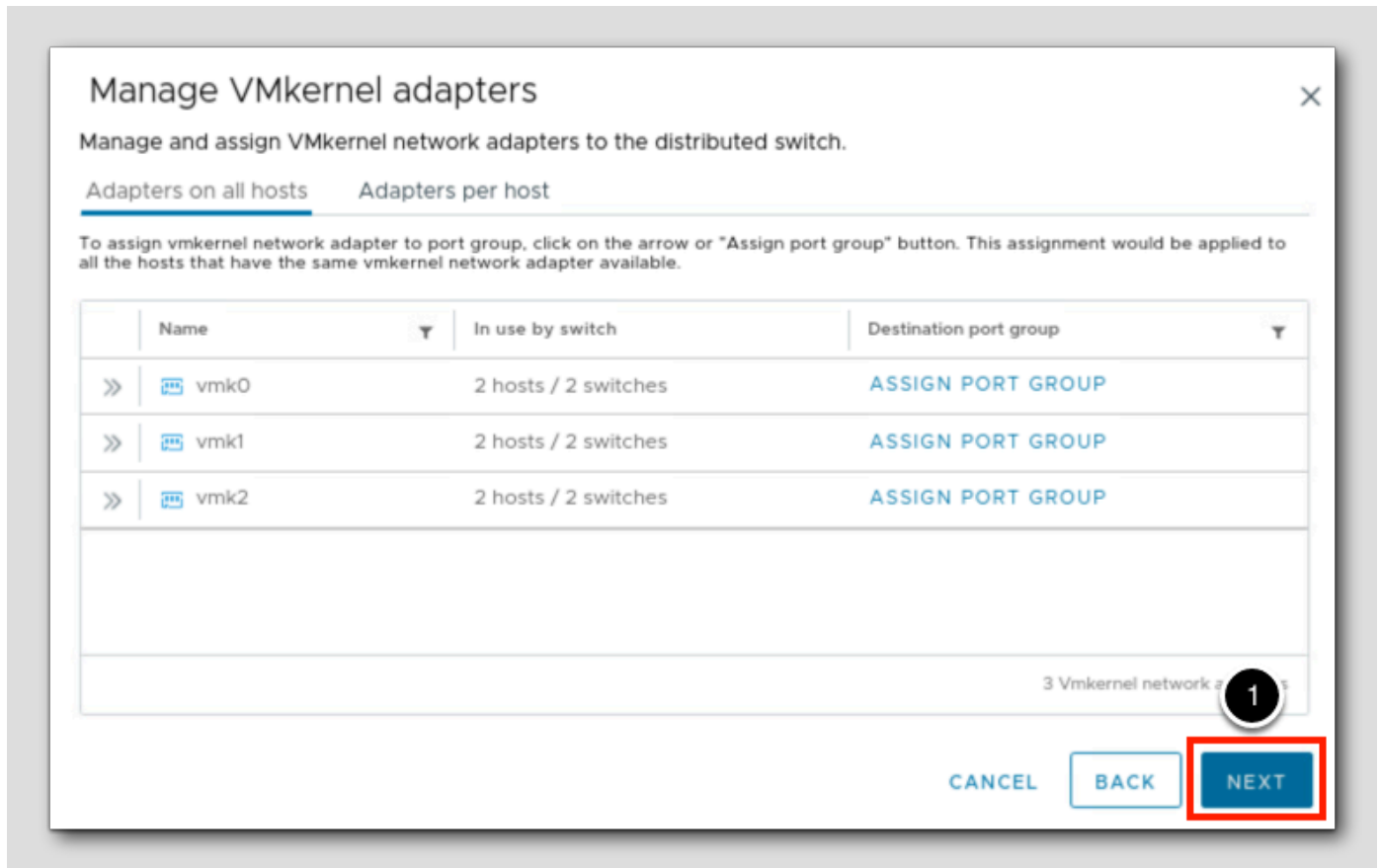
Physical network adapters	In use by switch	Assign uplink
>> vmnic0	2 hosts / 2 switches	None
>> vmnic1	2 hosts / 2 switches	None
>> vmnic2	2 hosts / 2 switches	None
>> vmnic3	This switch	Uplink 1
4 physical network adapters		

CANCEL BACK **NEXT**

1. Review vmnic and uplink settings for the hosts you are adding and click Next

Manage VMkernel Adapters

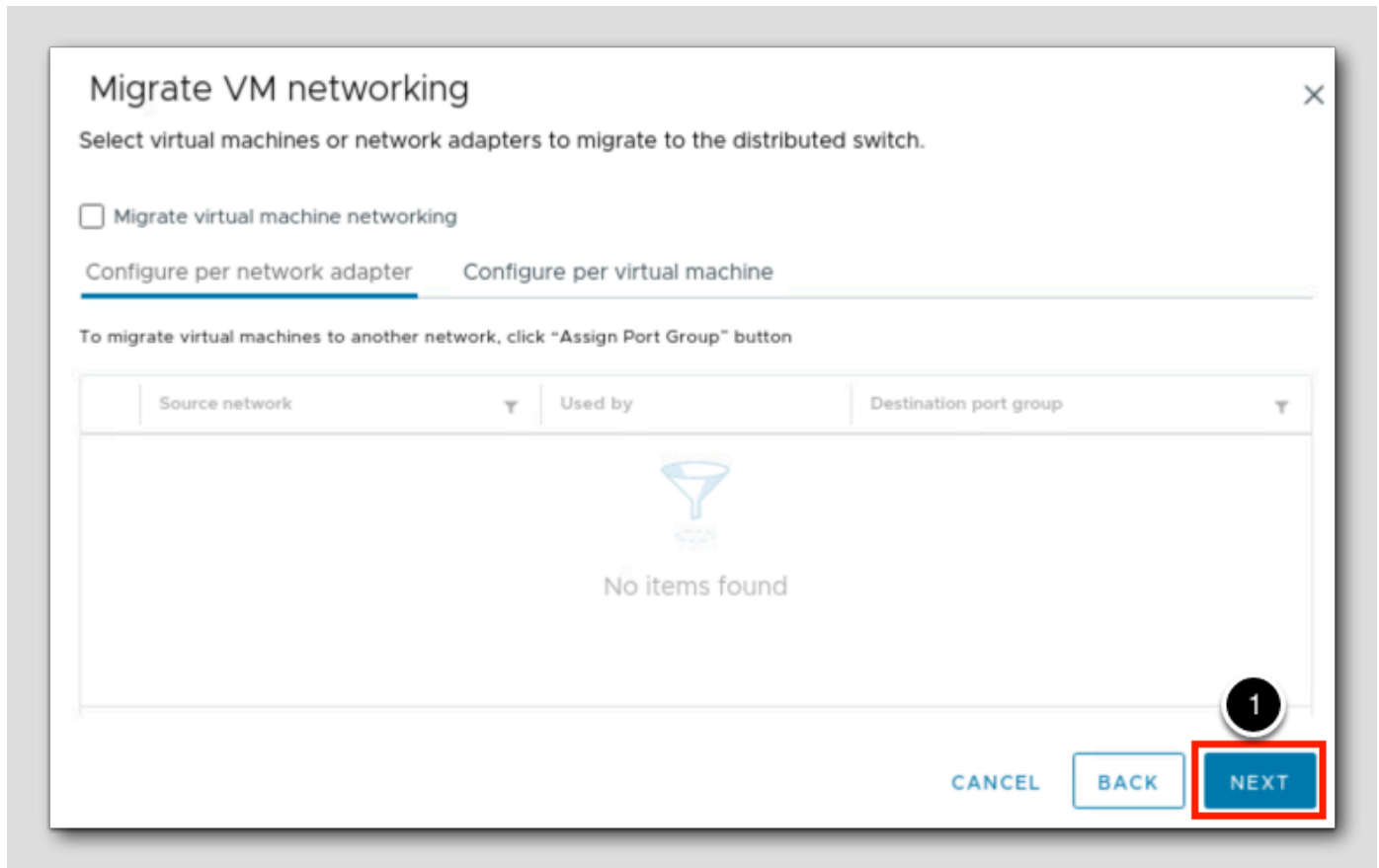
[323]



1. Since we will not be using this distributed switch for any VMkernel functions, click Next

Migrate VM Networking

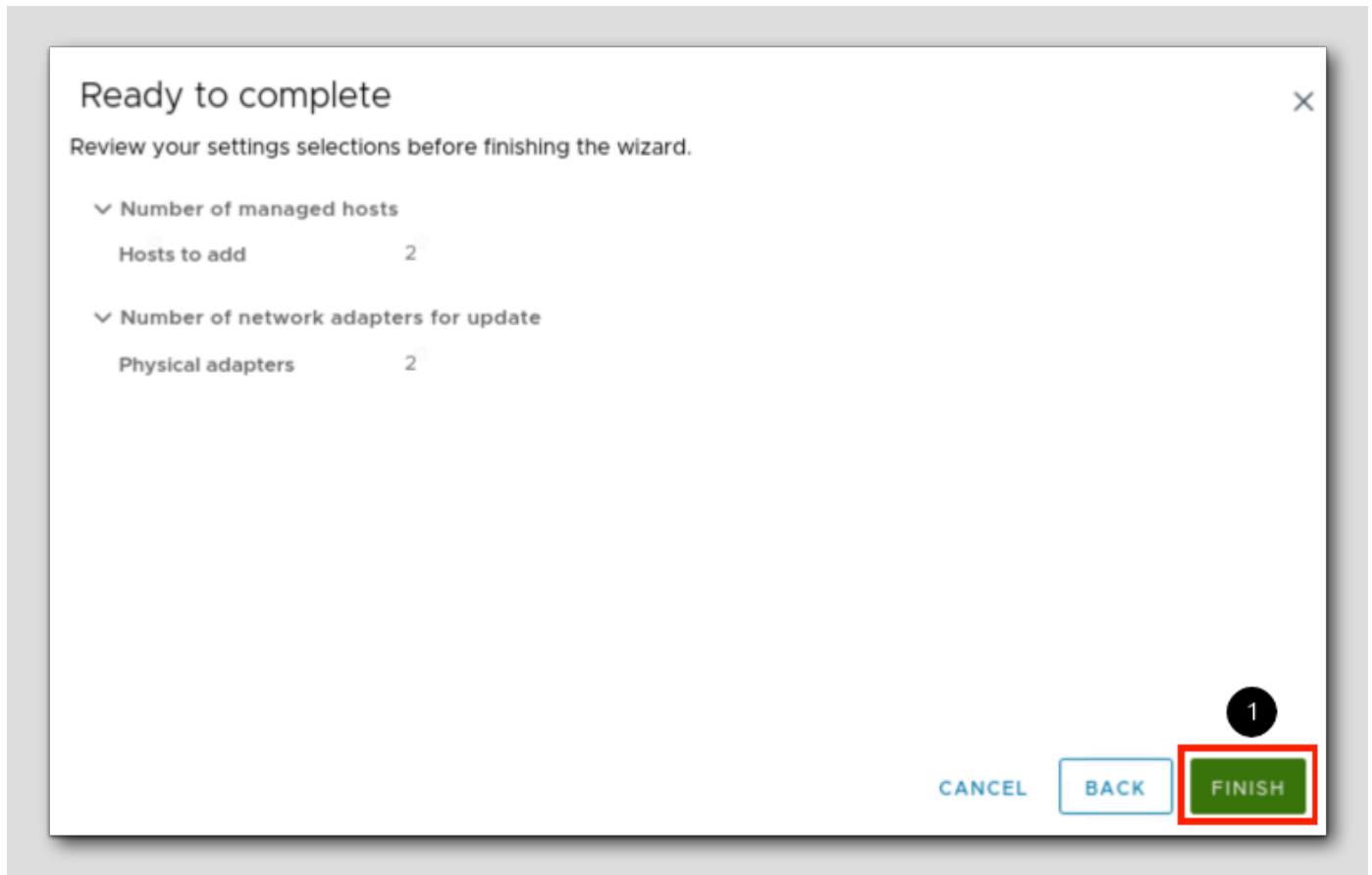
[324]



1. Click Next

Ready to Complete

[325]



You are now asked to verify the changes you are about to make.

1. Click **Finish** to commit the changes