

# VMware Cloud Director Availability On-premises Guides

Guide #13

Configure networking for Test failover and Migrate/Failover

You can find the most up-to-date technical documentation on the VMware website at: <https://docs.vmware.com/>

If you have comments about this documentation, submit your feedback to: [vcav-light@vmware.com](mailto:vcav-light@vmware.com)

The destination network settings can be configured for existing replications, separated in two independent profiles: for **Migrate/Failover**, and the other for **Test failover**.

### Network Settings | 2 vApps

MIGRATE/FAILOVER
TEST

Apply to all vApps
NETWORK
IP MODE
MORE
EXPAND ALL

	vApp / VM	Connect to target org VDC network	Connected	Primary nic	MAC address	Reset MAC	IP mode	IP address	Guest customization	Computer name
>	vApp-0...	None	<input checked="" type="checkbox"/>			<input type="checkbox"/>	None			
>	vm-003	None	<input checked="" type="checkbox"/>			<input type="checkbox"/>	None			

CANCEL
APPLY

- To configure the network settings for vApps or VMs, click the **vApp** or **VM** button, select the replications and from the **All actions** menu select **Network settings**.

vm vSphere Client

Menu

Search in all environments

Administrator@VSPHERE.LOCAL

Cloud Provider DR and Migration

INSTANCE 192.168.2.11:443

My-On-Premise

Replications

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Network settings

Disk settings

Change owner

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Sync

Pause

Resume

Recovery

Migrate

Failover

Test

Delete replication

Recovery state

Replication type

Overall health

Last changed

Not started	Protection	Yellow	Synchronize 35%
Not started	Protection	Yellow	11/24/2021, 3:56:14 PM

2

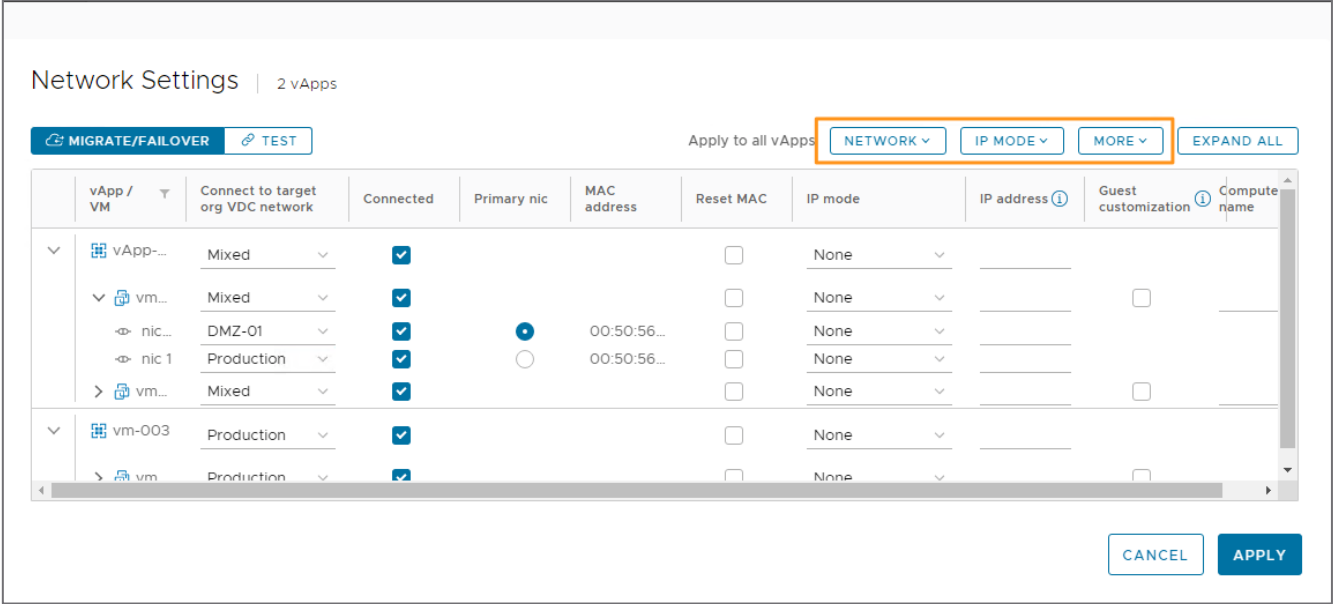
DESELECT ALL

RESET COLUMN

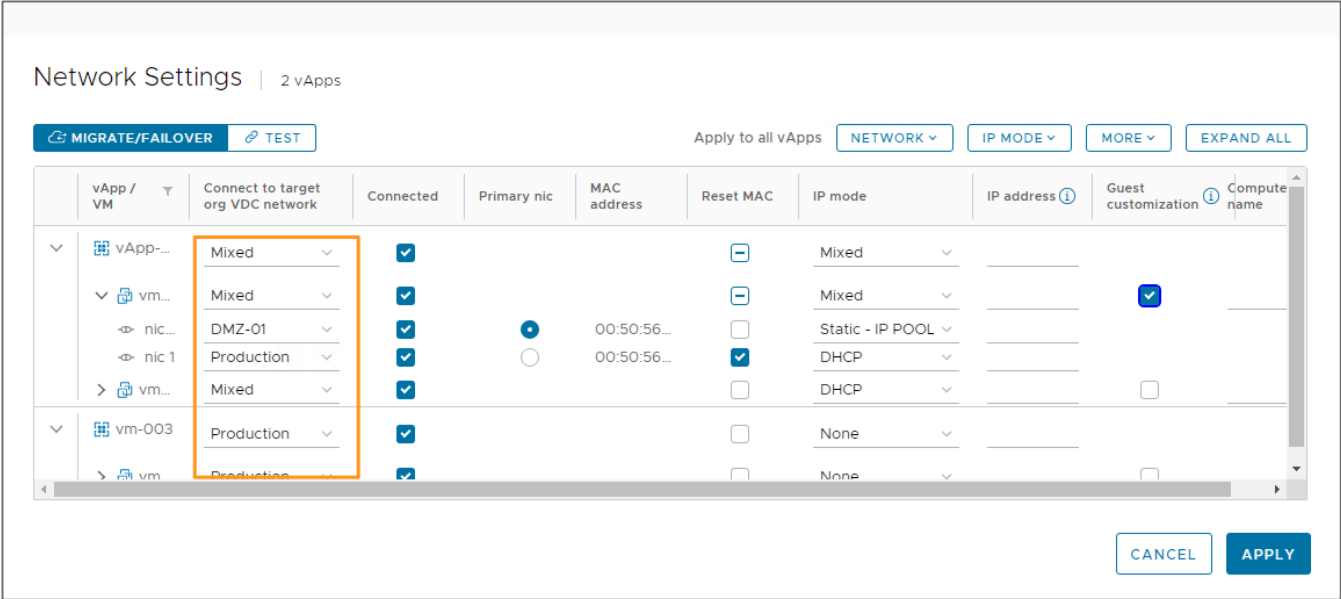
Items per page: 20

1 - 2 of 2 results

2. To change the network settings, IP mode, reset MAC address or interface connection, use the buttons in the **Apply to all vApps** section.



3. For every vApp and each VM in it, select the networks for each adapter and select if the adapter is connected to the networks.



4. Each VM can be configured to reset the MAC (1), select the IP mode (DHCP or Static)(2), and enable guest customization (3).

Network Settings | 2 vApps

MIGRATE/FAILOVERTEST

Apply to all vApps

NETWORK

IP MODE

MORE

EXPAND ALL

	vApp / VM	Connect to target org VDC network	Connected	Primary nic	MAC address	Reset MAC	IP mode	IP address	Guest customization	Computer name
▼	vApp...	Mixed	✓			<div><input type="checkbox"/></div>	Mixed			
▼	vm...	Mixed	✓			<div><input type="checkbox"/></div>	Mixed			
◀	nic...	DMZ-01	✓	●	00:50:56...	<div><input type="checkbox"/></div>	Static - IP POOL			
◀	nic 1	Production	✓	○	00:50:56...	<div><input checked="" type="checkbox"/></div>	DHCP		✓	
>	vm...	Mixed	✓			<div><input type="checkbox"/></div>	DHCP			
▼	vm-003	Production	✓			<div><input type="checkbox"/></div>	None			
>	vm	Production	✓			<div><input type="checkbox"/></div>	None			

1

2

3

CANCEL

APPLY

5. For test failover, the same options apply for the network settings.

Network Settings | 2 vApps

MIGRATE/FAILOVERTEST

Apply to all vApps

NETWORK

IP MODE

COPY FROM MIGRATE/FAILOVER

MORE

EXPAND ALL

	vApp / VM	Connect to target org VDC network	Connected	Primary nic	MAC address	Reset MAC	IP mode	IP address	Guest customization	Computer name
▼	vApp-001	None	✓			<input type="checkbox"/>	None			
>	vm-0...	None	✓			<input type="checkbox"/>	None		<input type="checkbox"/>	
>	vm-0...	None	✓			<input type="checkbox"/>	None		<input type="checkbox"/>	
▼	vm-003	None	✓			<input type="checkbox"/>	None			
>	vm-0...	None	✓			<input type="checkbox"/>	None		<input type="checkbox"/>	

CANCEL

APPLY

6. To save the network settings, click **Apply**.

7. When initiating a failover or a test failover, in the **Recovery Settings** page of the wizard, select the preconfigured network settings, or choose a network to connect the recovered VMs to (1, 2).

Failover

1 Recovery Settings

2 Recovery Instance

3 Ready To Complete

Recovery Settings

Select configuration for the recovered VMs

☐ Consolidate VM disks

*i* Turning on this option will consolidate all instances into the recovered disk.  
This can improve the runtime performance of the recovered VM, but may greatly increase RTO.

☒ Power on recovered vApps

Network Settings

☐ Apply preconfigured network settings on failover

☒ Connect all VMs to network

DMZ-01

Production

1

2

CANCEL NEXT



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