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Migrating virtual machines between vSwitch or PortGroups to vDS or dvPortgroups

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Purpose

This article provides steps for migrating virtual machines from vSwitch Portgroups to vNetwork Distributed Switch dvPortgroups.

Resolution

vCenter introduces a new feature that allows you to mass-move virtual machines from one dvPortgroup to another.

To initiate a migration:

1. Go to the Summary page of the dvSwitch.
2. Click **Migrate Virtual Machine Networking**.
3. Choose a Source and Destination dvPortgroup.
4. Click **Show Virtual Machines**.
5. Choose the virtual machines you want to migrate.

Execute the above procedure with the following order:

1. Create a Distributed Switch with as many uplink groups as physical NICs connected to the vSwitches.
2. In the Distributed Switch, create as many Portgroups as you already have in the vSwitch.
3. Assign uplinks to each Portgroup in the dvSwitch.
4. Break each teaming and transfer one NIC from each vSwitch to a corresponding uplink group.
5. Migrate the Virtual Adapters and the virtual machines to the appropriate Portgroups.
6. Transfer the remaining uplinks to the uplink groups associated with the appropriate Portgroups.
7. Remove the vSwitches and their Portgroups.

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