

Welcome, let's start your migration journey from VMware to OpenShift.

- 1Connect
- 2Discover
- 3Plan

Discovery report

Review the information collected during the discovery process

Infrastructure

We found 2 clusters with 8 hosts. The hosts have a total of 531 CPU cores and 1 TB of memory.

Virtual machines

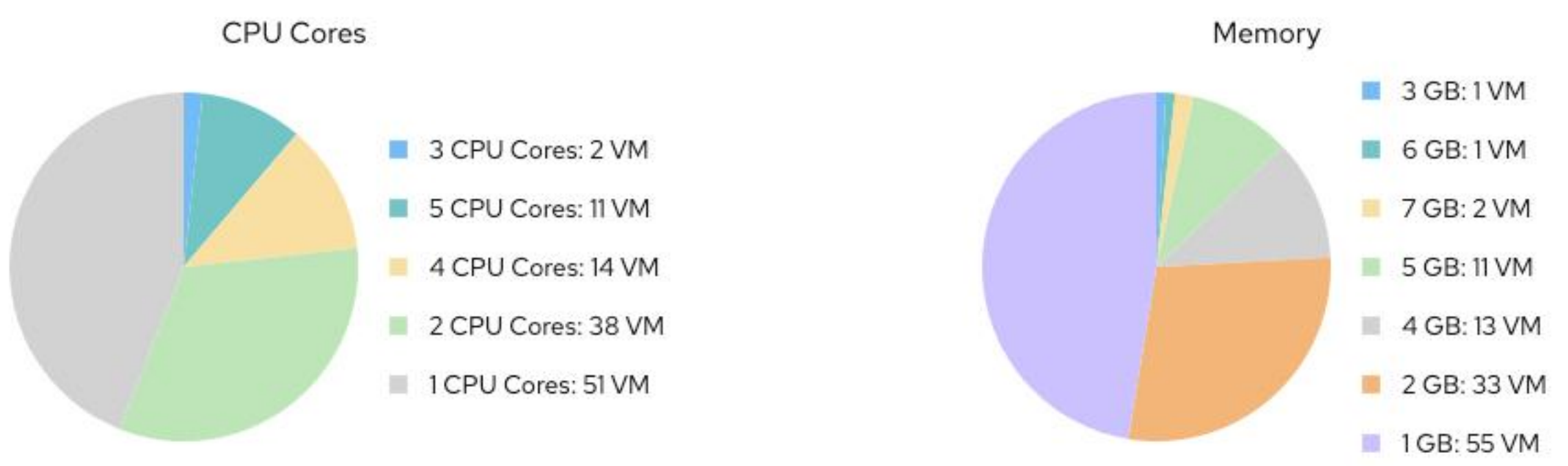
This environment consists of 116 virtual machines, All of them are potentially migratable to a new OpenShift cluster.

Warnings 236

Total	Description
114	Changed Block Tracking (CBT) has not been enabled on this VM. This feature is a prerequisite for VM warm migration.
76	UEFI secure boot will be disabled on OpenShift Virtualization. If the VM was set with UEFI secure boot, manual steps within the guest would be needed for the guest operating system to boot.
3	The VM is configured with a TPM device. TPM data is not transferred during the migration.
41	The VM name must comply with the DNS subdomain name format defined in RFC 1123. The name can contain lowercase letters (a-z), numbers (0-9), and hyphens (-), up to a maximum of 63 characters. The first and last characters must be alphanumeric. The name must not contain uppercase letters, spaces, periods (.), or special characters. The VM will be renamed automatically during the migration to meet the RFC convention.
2	Independent disks cannot be transferred using recent versions of VDDK. It is recommended to change them in vSphere to 'Dependent' mode, or alternatively, to export the VM to an OVA.

Compute per VM

Details



Disk size per VM

The size of the virtual machine disk (VMDK) impacts the migration process duration due to the time required to copy the file to the OpenShift cluster and the time needed for disk format conversion.

Details



Networks

We found 12 networks. 9 of them are connected to a distributed switch.

Details

Name	Type
vDSwitch0	dvswitch
TestNetwork	distributed
vDSwitch0-DVUplinks	distributed
VM Network	distributed
v375_10.46.52.x	distributed
vMotion	distributed
Management Network	distributed
v370_10.46.48.x	distributed
Nested_net	standard
test-dummy-dswitch	dvswitch
test-dummy-dswit-DVUplinks-52745	distributed
DPortGroup	distributed

VLANs

Storage

The environment consists of 11 datastores with a total capacity of 11.89 TB.

Datastores

Total	Free	Type	Usage %
766	336	VMFS	<div><div></div></div> 43%
3071	1008	VMFS	<div><div></div></div> 32%
766	571	VMFS	<div><div></div></div> 74%
766	594	VMFS	<div><div></div></div> 77%
196	66	NFS	<div><div></div></div> 33%
3321	1900	VMFS	<div><div></div></div> 57%
766	515	VMFS	<div><div></div></div> 67%
766	740	VMFS	<div><div></div></div> 96%
766	648	VMFS	<div><div></div></div> 84%
221	168	VMFS	<div><div></div></div> 76%
766	612	VMFS	<div><div></div></div> 79%

Operating systems

These are the operating systems running on your virtual machines.

Details

Count	Name
1	Amazon Linux 2 (64-bit)
1	CentOS 7 (64-bit)
1	CentOS 8 (64-bit)
2	FreeBSD (64-bit)
2	Microsoft Windows 10 (64-bit)
2	Microsoft Windows 11 (64-bit)
9	Microsoft Windows Server 2019 (64-bit)
2	Microsoft Windows Server 2022 (64-bit)
2	Microsoft Windows Server 2025 (64-bit)
16	Other (32-bit)
1	Other (64-bit)
14	Other 2.6.x Linux (64-bit)
2	Other Linux (64-bit)
7	Red Hat Enterprise Linux 8 (64-bit)
44	Red Hat Enterprise Linux 9 (64-bit)
1	Red Hat Fedora (64-bit)
1	Rocky Linux (64-bit)
3	Ubuntu Linux (64-bit)
5	VMware ESXi 8.0 or later