

# OpenShift 4.x Architecture Workshop

Container Native Virtualisation

Nov 2019



# CONTAINER-NATIVE VIRTUALIZATION

## CNV 1.4 Tech Preview

- Basic live migration
  - Containerized data importer
  - Progress reporting
  - Disk expansion
  - Blank disks
- Operators for KubeVirt, Containerized data importer
  - UI Enhancements
  - RDP, Serial, VNC, consoles
  - CRUD Disks, VM templates

Project: all projects ▾

### Virtual Machines

Create Virtual Machine ▾

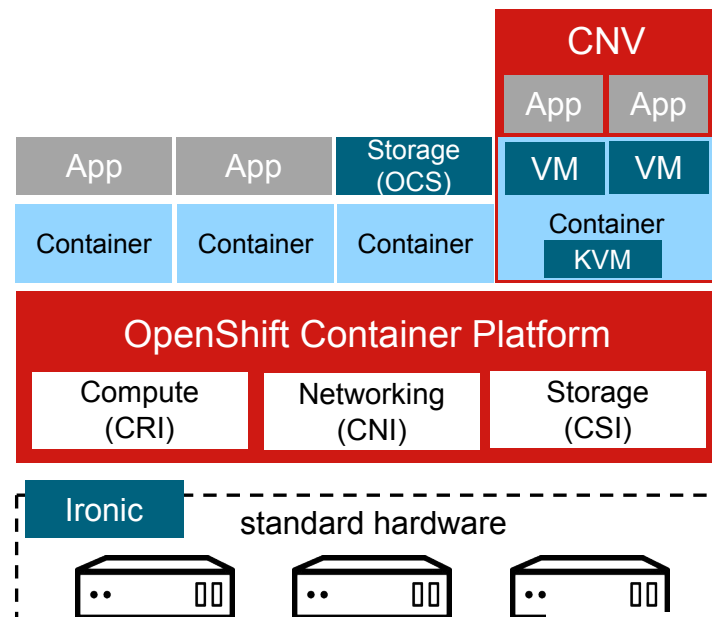
2 Running 1 Off 0 Other Select All Filters

NAME ↑	NAMESPACE	STATE
VM fedora-vm	NS kubevirt-demo	⌚ Running
VM rhel-vm	NS kubevirt-demo	⌚ Off
VM windows-vm	NS kubevirt-demo	⌚ Running

# CONTAINER-NATIVE VIRTUALIZATION

- General Availability (Later)

Focus on providing the simplest way to deploy a complete infrastructure that runs virtual machines and containers and can scale from a small cluster to hundreds of nodes with frictionless lifecycle management.

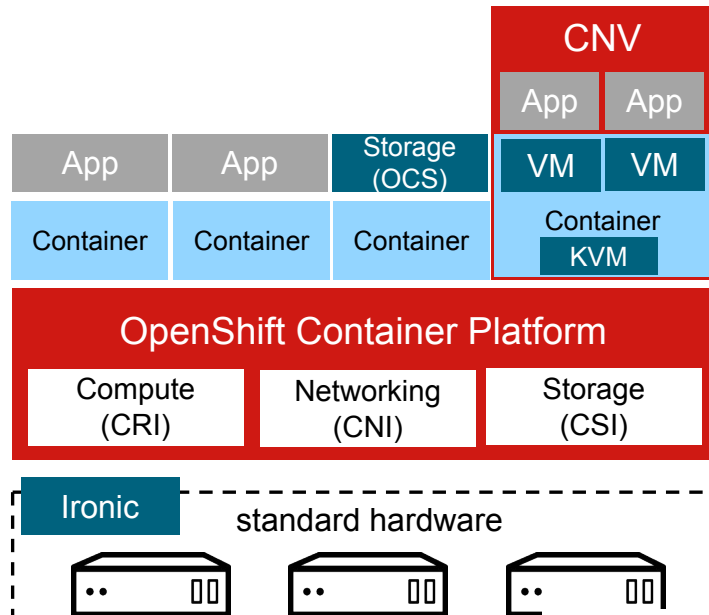


# CONTAINER-NATIVE VIRTUALIZATION

- General Availability (Later)

Focus on providing the simplest way to deploy a complete infrastructure that runs virtual machines and containers and can scale from a small cluster to hundreds of nodes with frictionless lifecycle management.

- Why?
  - Ensure customer success.
  - Simplify user experience.
  - Respond to demand.
    - BM clusters.
    - Small footprints.

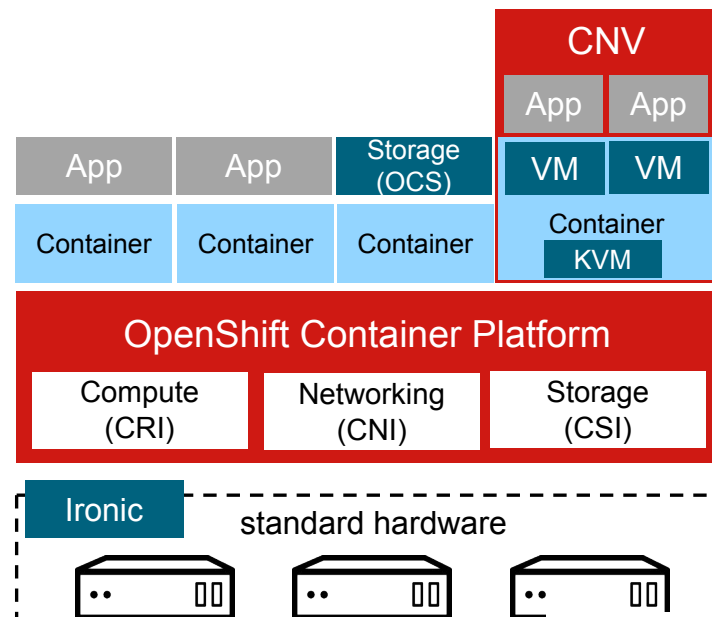


# CONTAINER-NATIVE VIRTUALIZATION

- General Availability (Later)

Focus on providing the simplest way to deploy a complete infrastructure that runs virtual machines and containers and can scale from a small cluster to hundreds of nodes with frictionless lifecycle management.

- How?
  - Single integrated user experience
  - Prescriptive hyper-converged infrastructure using Kubernetes
  - Validated hardware platforms & workloads

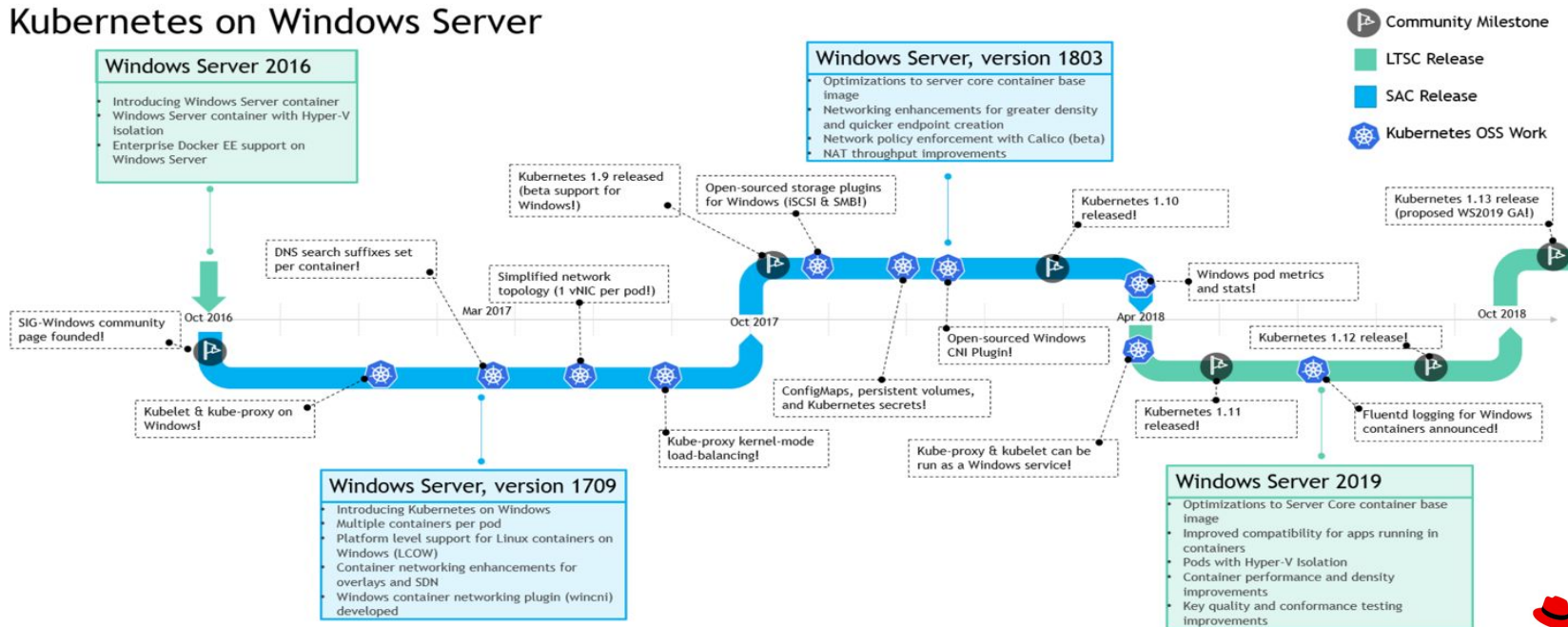


# Windows Container

# Windows Containers - Developer Preview

- Windows Containers are developer preview
- Windows Containers are not moving to tech preview in OCP 4.0
- Apply [HERE](#) to get access to [THIS](#) and be able to ask questions [HERE](#)

## Kubernetes on Windows Server



# Thank you !