

OpenShift 4.x Architecture Workshop

Container Native Virtualisation

July 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 ▾

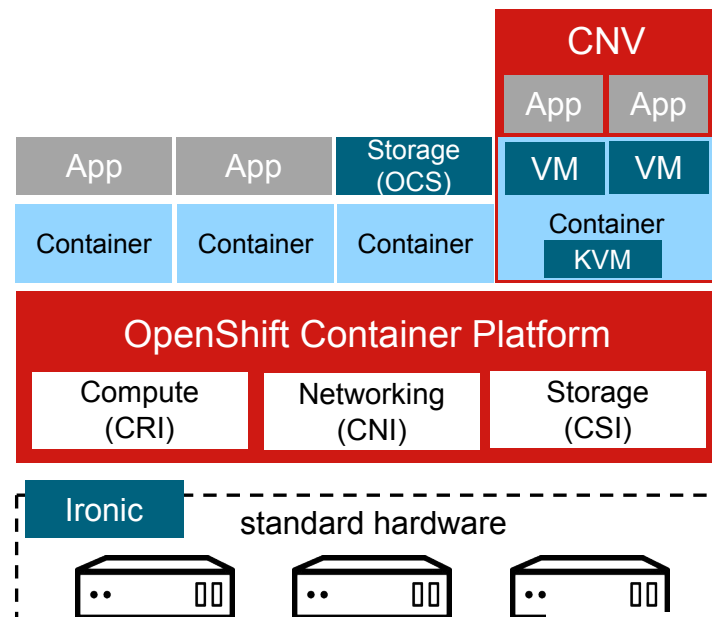
2 Running 1 Off 0 Other Select All Filters

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.

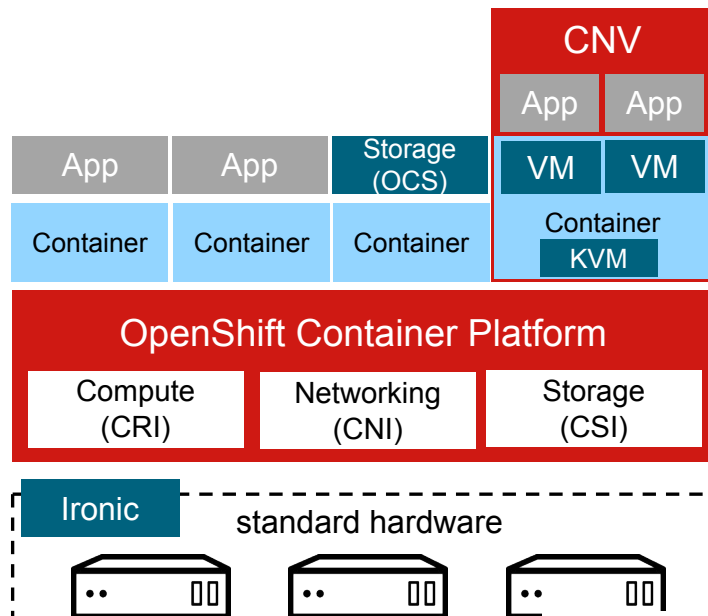


CONTAINER-NATIVE VIRTUALIZATION

- 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.

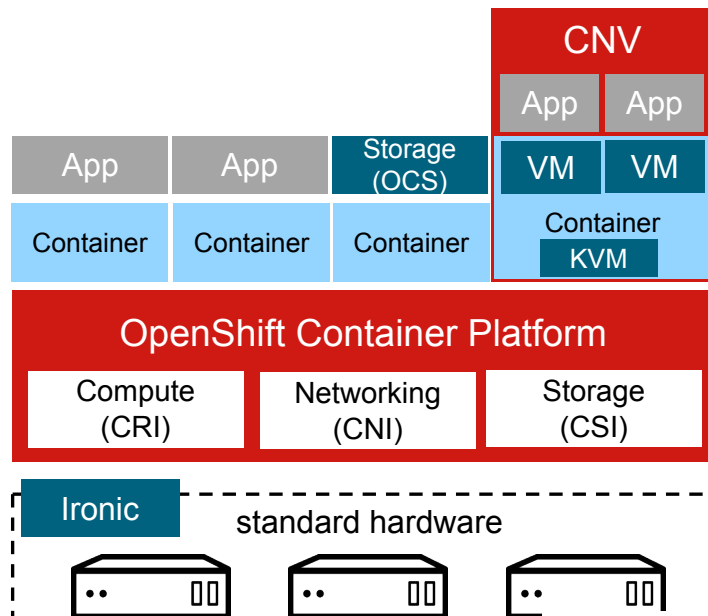


CONTAINER-NATIVE VIRTUALIZATION

- 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

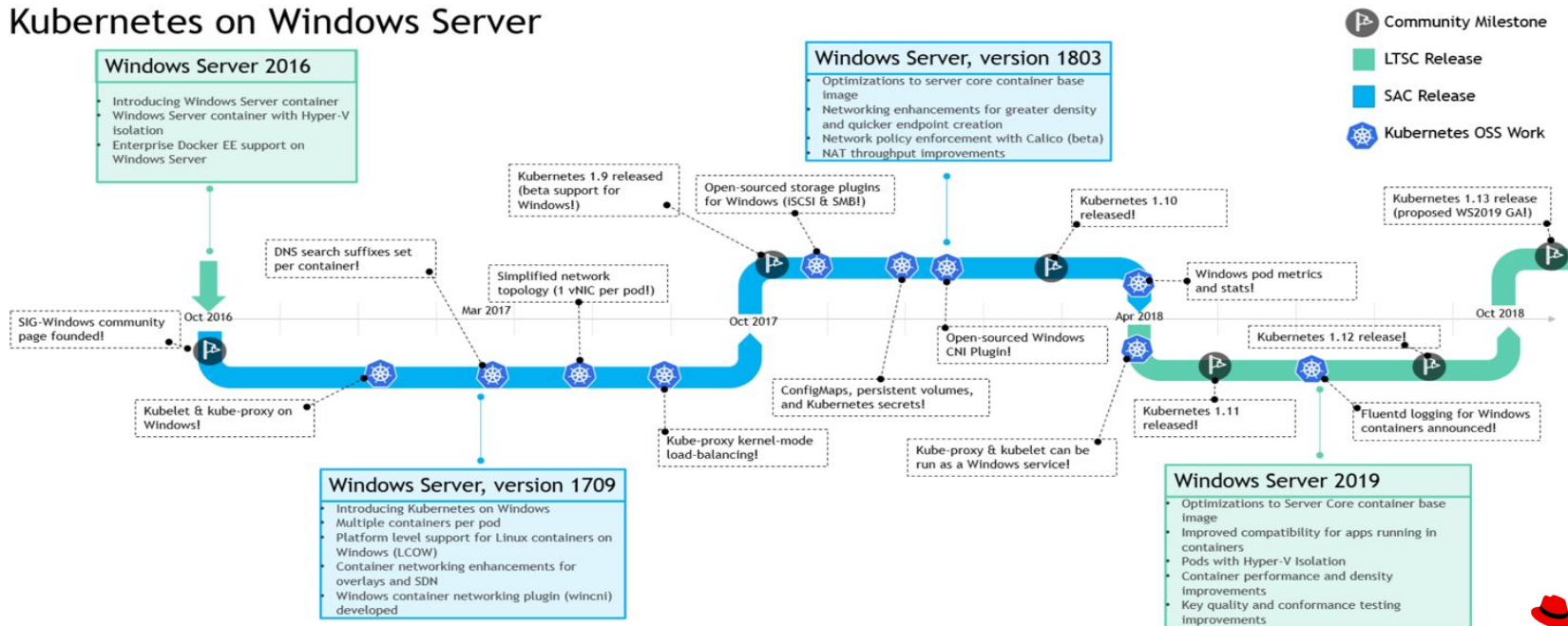


Windows Container

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 !