



Diverse Virtualization Deployment Strategies with Cisco UCS

VMware, Nutanix, Red Hat, Microsoft, and More

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BRKCOM-2460

CISCO *Live!*



“The server virtualization market is facing its most significant disruption in over a decade. I&O leaders will be forced to question their underlying assumptions for current and future workloads” – *Gartner*

Agenda

- Introduction
- Broadcom / VMware
- Cisco HCI with Nutanix
- Red Hat OpenShift Container Platform
- Microsoft Azure Local
- Bare Metal and more
- Closing

Applications redefining IT

SUSTAINABILITY

Performance, Power and Footprint

Data center power consumption accounts for up to 50x that of a typical commercial office building³



HYBRID MULTICLOUD

Intelligent Workload Placement

82% of companies are operating both on-prem and in the cloud while 30% are moving to intelligent workload placement



750M

new applications
by 2025¹

APPLICATION ARCHITECTURE

Hyper-distributed and Hyper-diverse

Market disruption drives platform diversity
3 years with 50% of data being generated at the edge



SECURITY

Growing Attack Surface and Vectors

69% of organizations say multicloud security configuration challenges led to data breaches or exposures²





AI / ML

Hash table SLM Llama-2 LLM Arrays DLRM GenA
Inferencing Falcon3 Training
GPU Mistral ANN FFNN ChatGPT
FLAN RAG GAN NLP

Let's talk about the Elephant in the room

Broadcom/VMware



End Of Availability of Perpetual licenses



Transition to subscription-based license model



Transition from CPU to Core based licenses



Reduced many single products down to 4 packages potentially forcing some customers to buy functionality they will never use.



Which Hypervisor are you using today?

① Start presenting to display the poll results on this slide.

What is your Stack for the Future?

Option 1

Kubernetes
virtualized on
VMware

Option 2

Kubernetes in
addition to VM on
a Hypervisor

Option 3

VMs in addition to
Containers on a
Kubernetes Stack

Option 4

Public Cloud



Cisco Unified Computing System (UCS)

Compute



Data center



Edge



Colocation



Public cloud

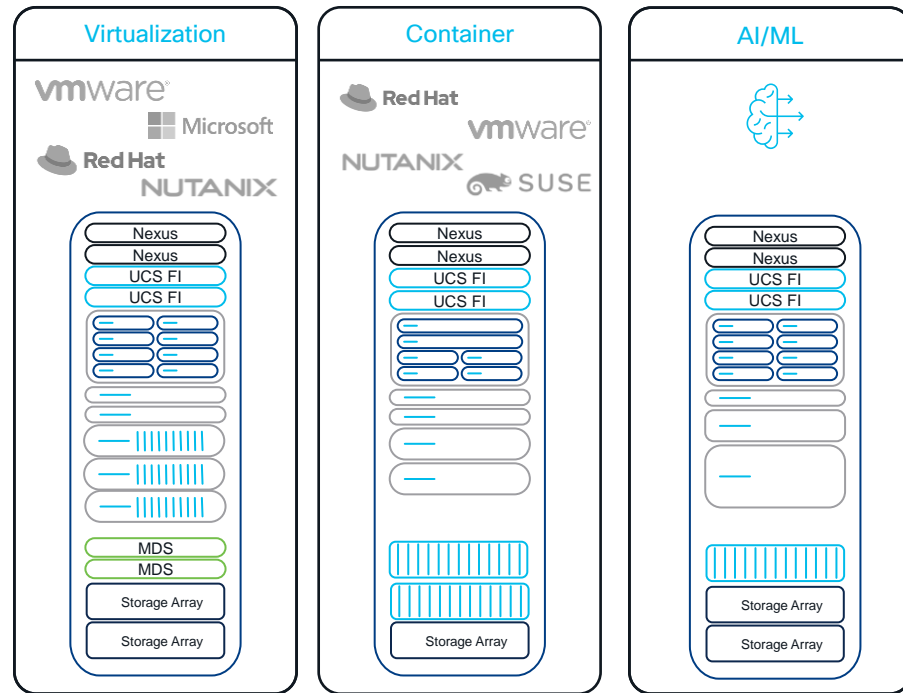
Infrastructure modernization Solutions

CVDs offering choice and flexibility for a variety of deployment types.

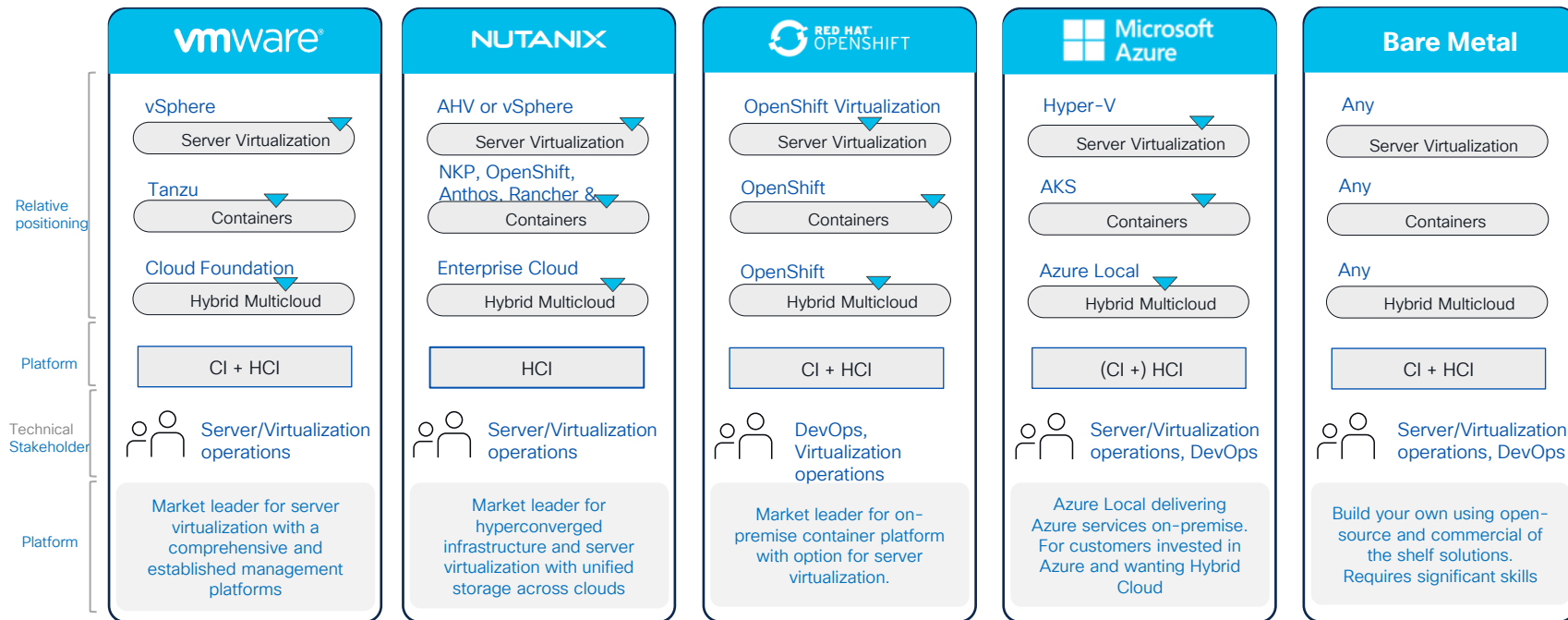
Pre-designed data center architectures that incorporate Cisco computing, Cisco networking, storage and virtualization delivering best practice design, compatibility and lowering business risk.


Designed for enterprise use cases and applications including AI/ML, Containers, SAP HANA, Desktop virtualization, Data protection and hybrid multi-cloud.

The Configuration principals used in the CVD allow customers to scale each component as required.



Application Platform Modernization Crossroads

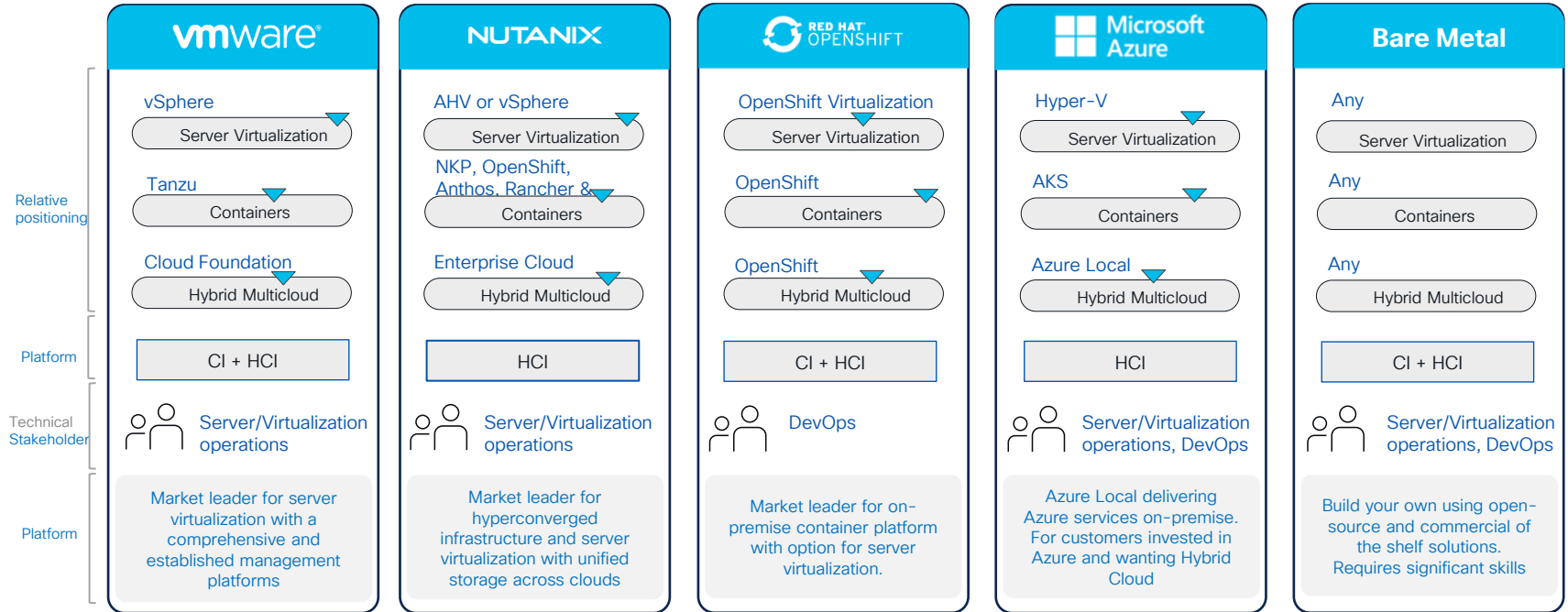




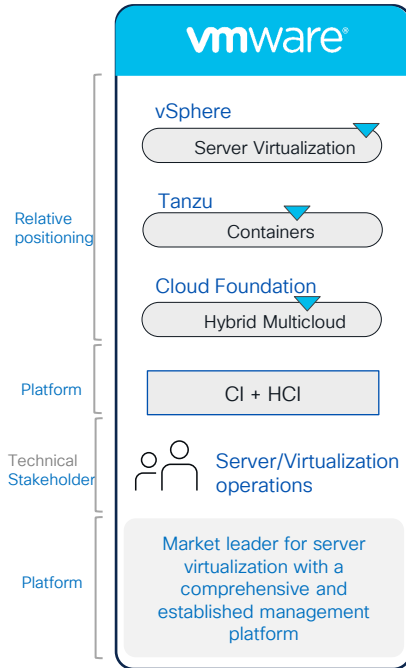
Server Virtualization market
disruption is happening!

With Cisco UCS you have
choices.

VMware



VMware



A Leader in Virtualization

VMware give customers the most matured platform and ecosystem for virtualization in the datacenter and across clouds.



Broad Partner Integrations

Integrations and Plug-Ins allow full application platform and infrastructure lifecycle management.



Application Modernization

VMware Tanzu helps companies to adopt containerized application and cloud native workload in the data center

- Most of the K8s deployments are running on top of VMware.

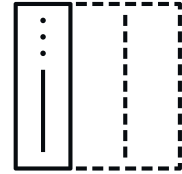
Cisco solutions to continue with VMware



Deliver VMware on Cisco **Converged** and **Hyperconverged** infrastructure assured by Cisco validated designs.



Manage and optimize the VMware Software Defined data center with **VMware Cloud Foundation** or **VMware vSphere Foundation** deployed on Cisco UCS series



Optimize VMware licensing costs through server refresh and consolidation

Validated Solutions for VMware



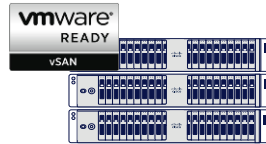
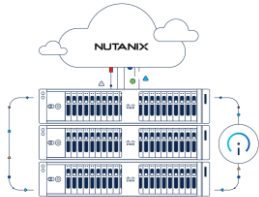
FlexPod



FlashStack



Hitachi Vantara



Validated and Integrated Solutions to reduce deployment time and risk.

Pre-designed data center architectures that incorporate Cisco computing, Cisco networking, storage and VMware virtualization delivering best practice design, compatibility and lowering business risk.

Converged and Hyper Converged solutions to address every scale and deployment option.

Simplified operations with Cisco Intersight integrations including vCenter HA plugin, Intersight Device Connector for Nutanix Prism.

VMware Inventory in Intersight



See
the Information you need



Connect
the information and components



Operate
Simplified operation through Information

Core Virtual Machines operations

The screenshot displays the Cisco Intersight interface for managing Virtual Machines. The left sidebar contains navigation options: Dashboards, Operate, Servers, Chassis, Fabric Interconnects, Networking, HyperFlex Clusters, Storage, Virtualization (selected), Integrated Systems, Configure, Analyze, Automate, System, and Settings. The main content area is titled 'Virtual Machines' and includes a search bar, filters, and an 'Export' button. Below these are summary cards for Status (25 Stopped, 19 Running, 1 Pending), OS distribution (Rocky Linux 64-bit: 18, Other 32-bit: 8, Other 2.6.x Linux: 6, Ubuntu Linux 64-bit: 3, Other: 10), CPU Utilization (44%), and Memory Utilization (45%). A table lists individual VMs with columns for Name, Status, CPUs, CPU Capacity, CPU Utilization, Memory Capacity, IP Address, and Placement. A context menu is open for the VM 'na-ucsm-plugin', showing actions like Start/Resume, Stop, Soft Stop, Suspend, Reset, Restart, Terminate, and Launch VM Console. The bottom of the interface shows a 'New Command Palette' and a pagination bar indicating 10 rows per page.

Name	Status	CPUs	CPU Capacity	CPU Utilization	Memory Capacity	IP Address	Placement
na-vc	Running	4	8.78 GHz	40.0%	21.00 GiB	10.1156.200	AA13-FlexPod...
na-ucsm-plugin	Running	4	9.58 GHz	0.2%	16.00 GiB	10.1156.205, fe80::250:56ff:fe...	AA13 Start/Resume
na-snapctr	Running	4	9.58 GHz	1.2%	12.00 GiB	10.1156.202	AA13 Stop
na-ontap-tools	Running	2	4.79 GHz	1.0%	12.00 GiB	10.1156.201	AA13 Soft Stop
na-iom-ad	Running	2	4.79 GHz	0.5%	4.00 GiB	10.3.156.250	AA13 Suspend
na-intersight-assist	Running	16	38.32 GHz	9.5%	32.00 GiB	10.1156.206, fe80::250:56ff:fe...	AA13 Reset
na-aicqm	Running	4	9.58 GHz	1.5%	12.00 GiB	10.1156.203, fe80::250:56ff:fe...	AA13 Restart
fp-ansible	Running	2	4.79 GHz	0.5%	16.00 GiB	10.1156.33	AA13 Terminate
cfx-fso-worker01	Running	8	19.16 GHz	100%	64.00 GiB	10.1156.42, fe80::250:56ff:fe9...	AA13 Launch VM Console
cfx-fso-infra-pfm01	Running	8	19.16 GHz	9.5%	48.00 GiB	10.1156.41, fe80::250:56ff:fe9...	AA13-FlexPod...

From the VM to the physical Server

The image displays three screenshots of the Cisco Intersight interface, illustrating the path from a virtual machine (VM) to its physical host.

Screenshot 1 (Top Left): Shows the 'Virtualization > Virtual Machines' view for the VM named 'aa16-vc'. The 'Host' field is highlighted with a red box and labeled 'aa16-esxi-1.flexpod.cisco.com'. A red arrow points from this host name to the next screenshot.

Screenshot 2 (Top Right): Shows the 'Virtualization > Hosts' view for the host named 'aa16-esxi-1.flexpod.cisco.com'. The 'Server' field is highlighted with a red box and labeled 'AA16-6454-1-1'. A red arrow points from this server name to the third screenshot.

Screenshot 3 (Bottom): Shows the 'Servers' view for the server named 'AA16-6454-1-1'. The 'Health' status is 'Healthy'. The 'Properties' section shows the server is a Cisco UCSB-8200-M6. A red arrow points from the 'Host' field in the first screenshot to the 'Server' field in this screenshot.

Cluster Life-Cycle Operations – with Ansible

Cluster Installation

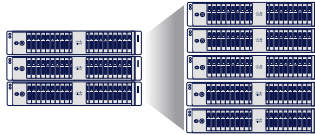


Ansible Playbooks to automate the initial setup across Cisco UCS, Nexus, Storage, and VMware Infrastructure.

Operational Summary

- Inventory Cisco UCS servers
- Create Cisco UCS Service Profiles
- Perform hypervisor imaging
- Create a new Datacenter and Cluster
- Add the nodes to the cluster
- Configure network and storage.

Cluster Expansion

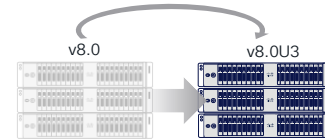


Cluster expansion automation across Cisco UCS, Nexus, Storage and VMware Infrastructure, driven by Ansible Playbooks.

Operational Summary

- Inventory new Cisco UCS servers
- Create Cisco UCS Service Profiles for new nodes
- Perform hypervisor imaging
- Join new nodes to existing clusters.
- Configure network and storage.

Cluster Upgrade



Manual change of Server Profile configuration in Intersight and Host Profile in vCenter

Operational Summary

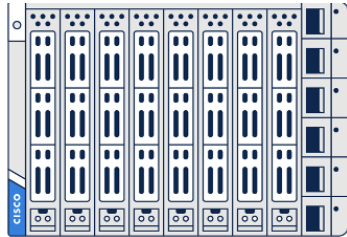
- Update policies for Cisco UCS infrastructure and server firmware.
- Upgrade Cisco UCS Infrastructure firmware.
- Update host profile for VMware ESXi in vCenter
- Upgrade of ESXi software and implicit update of Cisco UCS server firmware while reboot ESXi.



Are you looking for an alternative virtualization stack?

① Start presenting to display the poll results on this slide.

Server Virtualization market disruption is happening. With Cisco UCS you have choices.



vmware®

NUTANIX

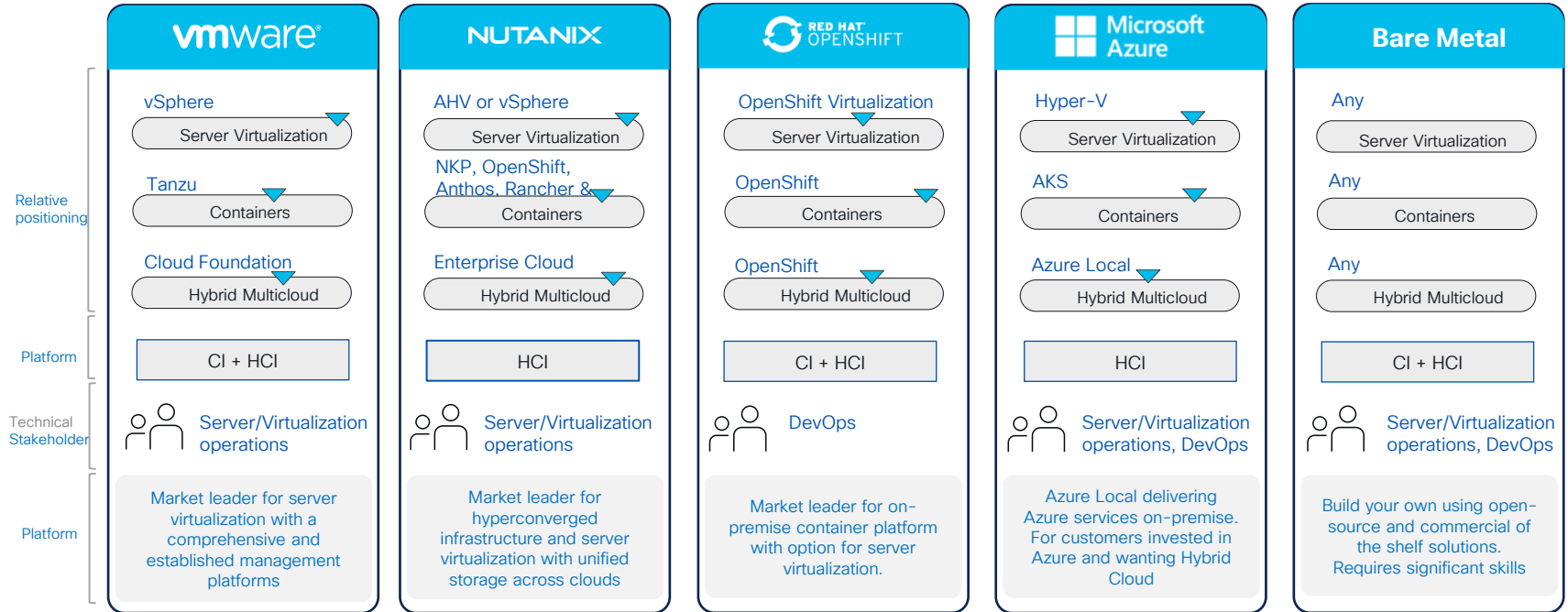


Azure Stack

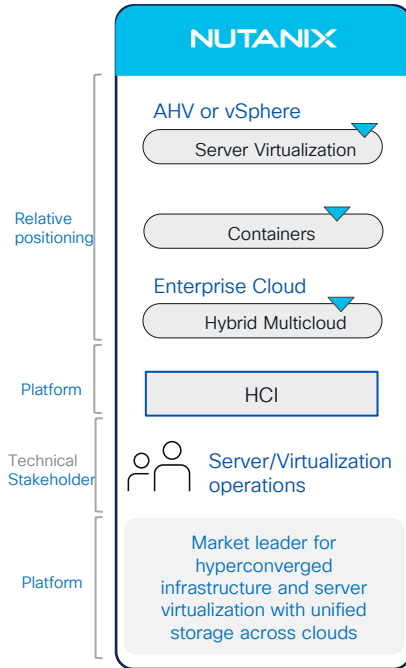
vmware®

CISCO *Live!*

Cisco HCI with Nutanix



Cisco HCI with Nutanix



A Leader in HCI

Give customers a VMware alternative with extensive capabilities for **virtualization, containers and unified storage** across clouds.



Simplify with cloud operations

Eliminate complexity with better visibility, control, and consistency across highly distributed environments



Resilient hyperconverged solution

Keep systems running with augmented support, resiliency, and security capabilities

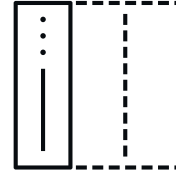
Continue with Cisco + Nutanix



The industries most comprehensive partnership between Cisco and Nutanix delivering **joint engineering and support**



Simplify with cloud operations eliminate complexity with better visibility, control, and consistency across highly distributed environments



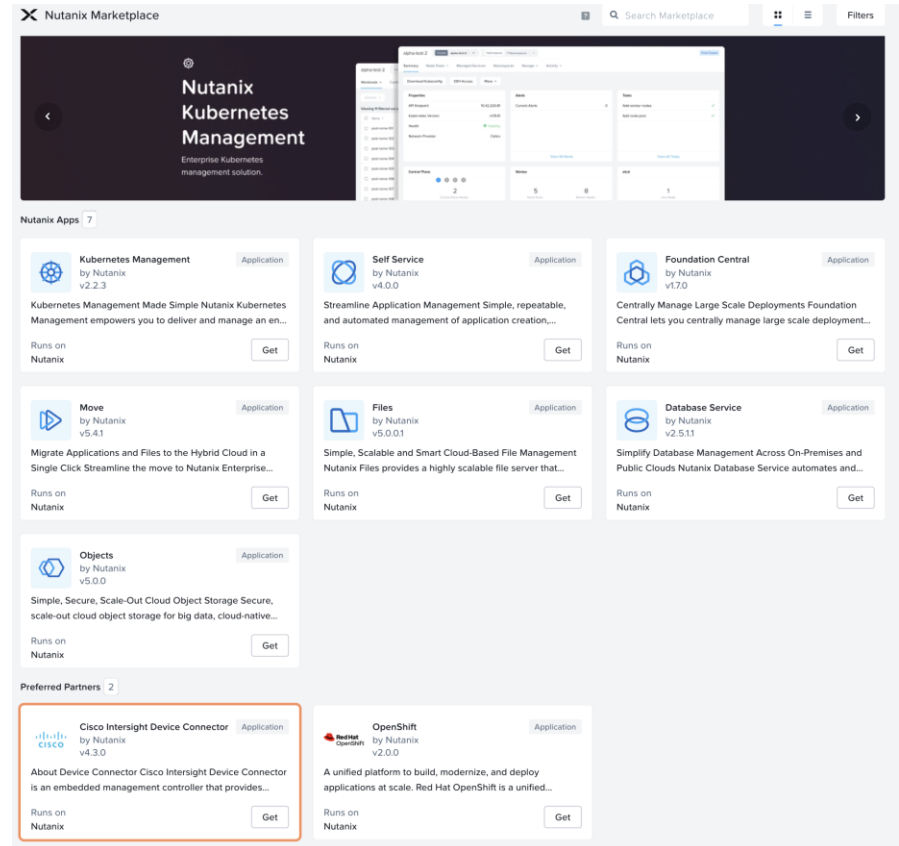
Nutanix **Prism and Intersight** cloud-based management for full application platform and infrastructure lifecycle management

Cisco Device Connector

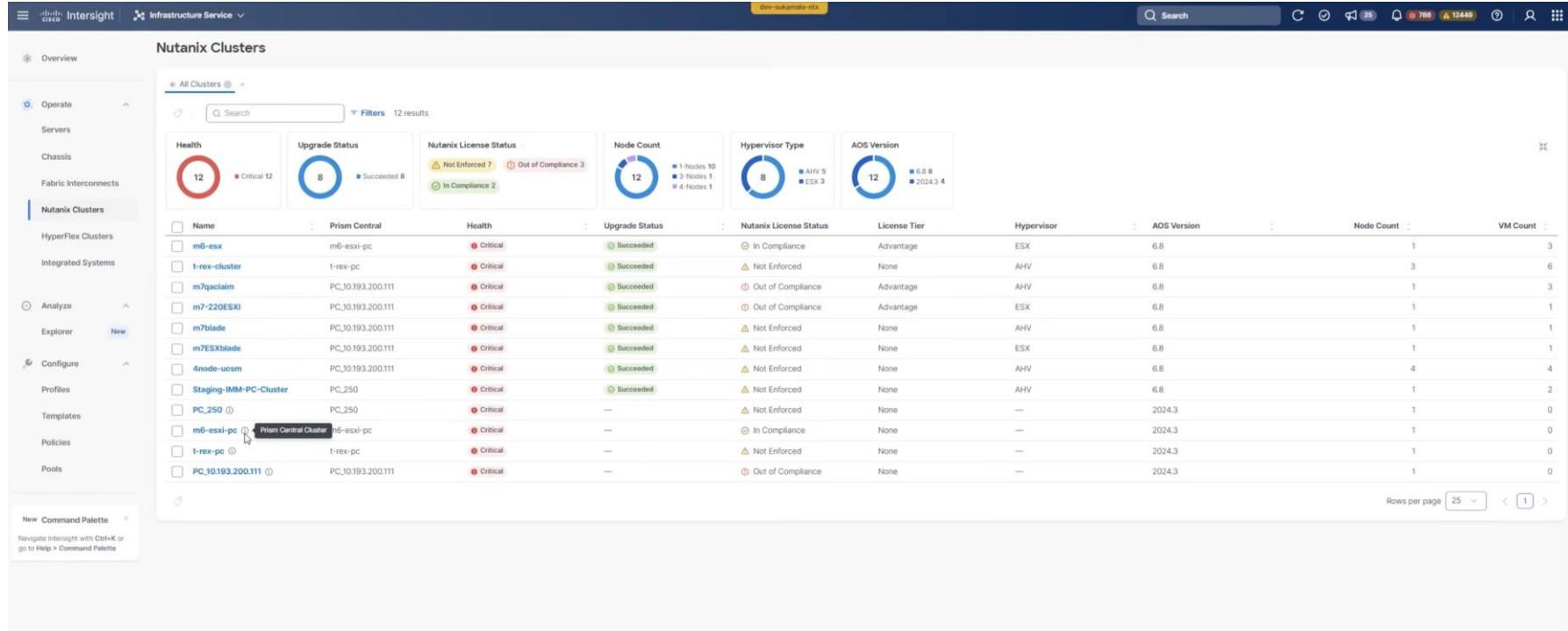
Nutanix Prism Central (PC) can be managed as target connected to the Intersight portal through a Cisco Device Connector.

Cisco Device Connector is an embedded management controller that enables the capabilities of Cisco Intersight

- Cisco Device Connector application is available in Nutanix Market Place
- From the marketplace, download and install Cisco device connector in Prism Central
- A bi-directional channel is established between Cisco Intersight and Prism Central
- Prism Central v4 Management APIs are used by Cisco Intersight to display day 1 management features.



Cisco HCI Nutanix cluster list view



Cisco HCI Nutanix cluster detail view

The screenshot displays the Cisco Intersight Infrastructure Service interface for a Nutanix cluster named **m7qaclaim**. The interface is divided into several sections:

- Overview:** Shows the cluster name **m7qaclaim** and its status as **Connected**.
- Details:** Provides information about the cluster's health (Critical), AOS Version (6.8), Node Count (1), Upgrade Status (Succeeded), and IP Address (10.193.200.99).
- Properties:** Contains three tables:
 - Nodes:** Lists the cluster node **m7qanode1** with its status (Connected), Hypervisor IP (10.193.200.97), CVM IP (10.193.200.98), Model (Cisco UCS C220-M7S), and Serial (WZP28180VKV).
 - Nutanix License:** A table showing license details for NCM ULTIMATE, NCI ULTIMATE, and NUS PRO licenses, including their categories, types, meters, quantities, and earliest expiry dates.
 - Nutanix Compliance:** A table showing compliance status for various features (FILE, OBJECT, PRISM, CALM, AOS) and their violation types and dates.
- Events:** A section on the right side of the interface displaying a list of events, including license expiry warnings and power supply issues.

Simplify and scale with cloud operations

Unified operations across your distributed environment with Cisco Intersight and Nutanix Prism Central

- See and control your entire Cisco Compute Hyperconverged estate with Cisco Intersight
- Unified storage and cluster management with Nutanix Prism Central
- Turnkey solution combining compute, networking, storage, management, and hybrid multicloud platform simplifies end-to-end experience
- Augmented support and resiliency capabilities keep systems up and running at global scale



Remotely deploy and manage

CONVENTIONAL INFRASTRUCTURE



Ship from factory



Integrate/configure



Stage



Ship people/infra to sites



IT deploy on-site

NUTANIX WITH INTERSIGHT



Ship to sites



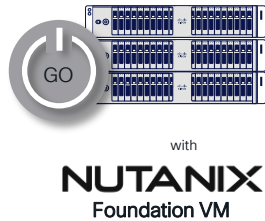
Connect to Intersight and Prism Central



Deploy and manage remotely

Cluster Life-Cycle Operations

Cluster Installation

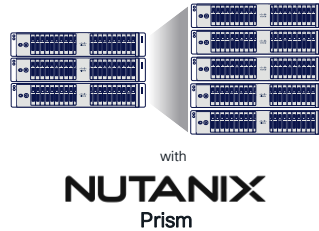


Fully integrated cluster installation automation across Cisco UCS and Nutanix Cloud Infrastructure, driven from Nutanix Foundation.

Operational Summary

- Inventory Cisco UCS servers
- Create Cisco UCS Service Profiles
- Perform hypervisor imaging
- Deploy Nutanix storage controller VM (CVM)
- Create new hypervisor and storage cluster

Cluster Expansion

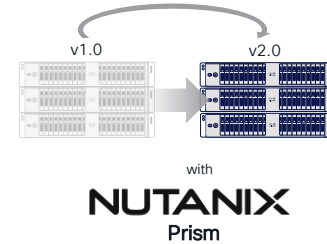


Fully integrated cluster expansion automation across Cisco UCS and Nutanix Cloud Infrastructure, driven from Nutanix Prism or Prism Central.

Operational Summary

- Inventory new Cisco UCS servers
- Create Cisco UCS Service Profiles for new nodes
- Perform hypervisor imaging
- Deploy Nutanix storage controller VM (CVM) on new nodes
- Join new nodes to existing hypervisor and storage clusters

Cluster Upgrade



Fully integrated end-to-end cluster software and firmware upgrades with Nutanix Prism or Prism Central Life Cycle Management (LCM).

Operational Summary

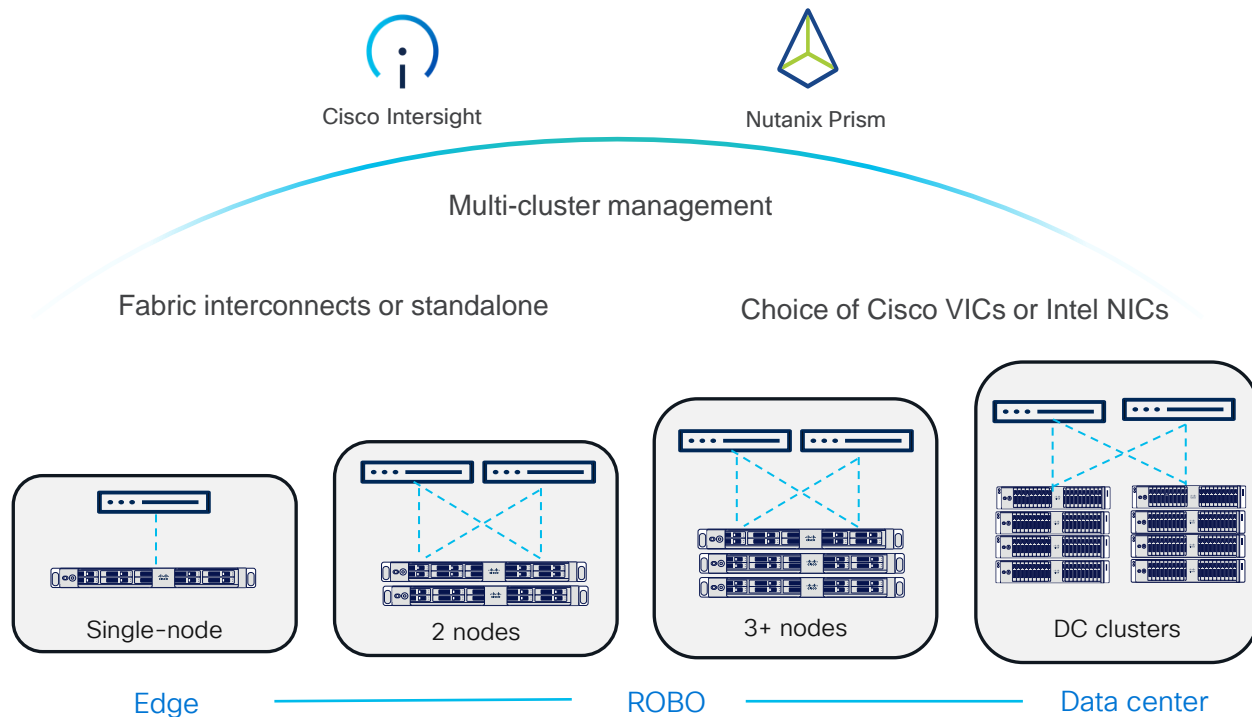
- Upgrade of Cisco UCS infrastructure and server firmware
- Upgrade of hypervisor software, VMware ESXi and/or Nutanix AHV
- Upgrade of Nutanix Cloud Infrastructure software

Flexible Deployment Options

Intersight Standalone Mode for HCI

Deploy Nutanix cluster on Cisco HCI Nodes

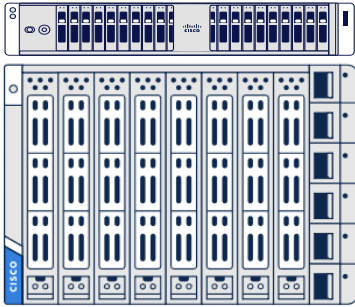
- With or without UCS Fabric Interconnect
- Deploy in edge/remote locations or primary data centers
- Flexible networking options with Cisco VIC and Intel NICs
- Policy-based management from Intersight
- Start as small as 1 and 2 nodes for ROBO
- Parallel multi-cluster deployment with Nutanix Prism Central
- Support for AHV and ESXi hypervisors
- Support for M6 and M7 nodes



Reuse and Repurpose Servers

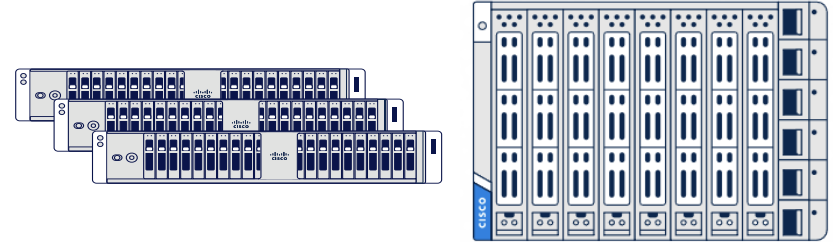
- Reuse and repurpose existing servers with qualified components as Nutanix HCI nodes while still enjoying the same deployment and operational automations as factory-prepped appliances
- Cisco can convert newly purchased HCI nodes back to regular x86 servers for other use cases (Red Hat, bare metal, VMware, etc.)
 - Provides investment protection with a standardized platform, including management, without being tied to an architecture

Cisco M6/M7 general purpose rackmount and modular* servers



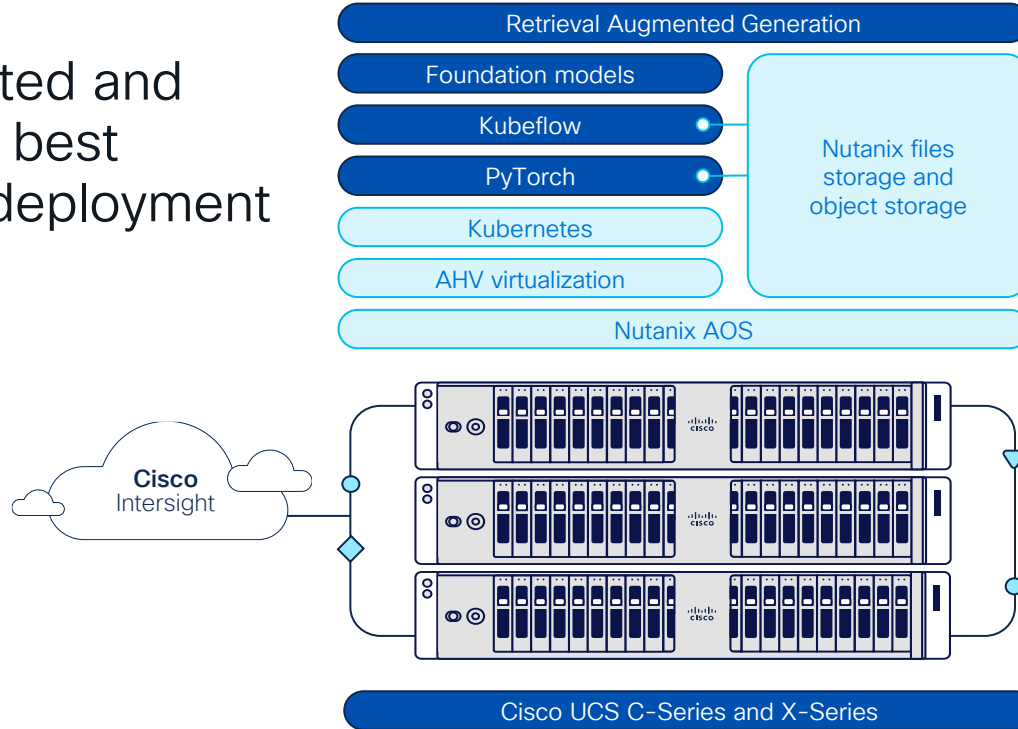
* M7 only retrofit with modular servers

Cisco Compute Hyperconverged with Nutanix Cluster



Nutanix GPT in a Box on Cisco

Designed, tested and validated with best practices for deployment



Opinionated AI stack

GPU-enabled

Select GPU according to availability and need (NVIDIA L40s CVD target)

Stack offers

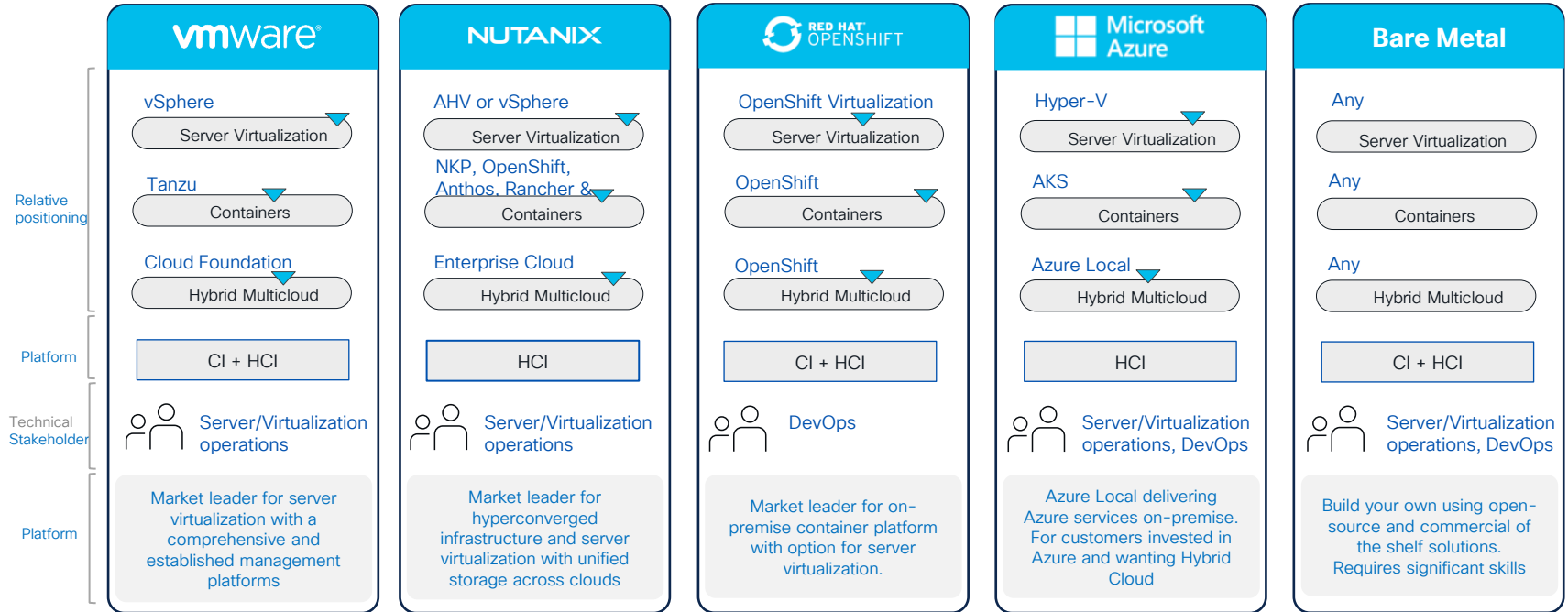
- PyTorch (AI Framework)
- Kubeflow (MLOps)
- BYO Model



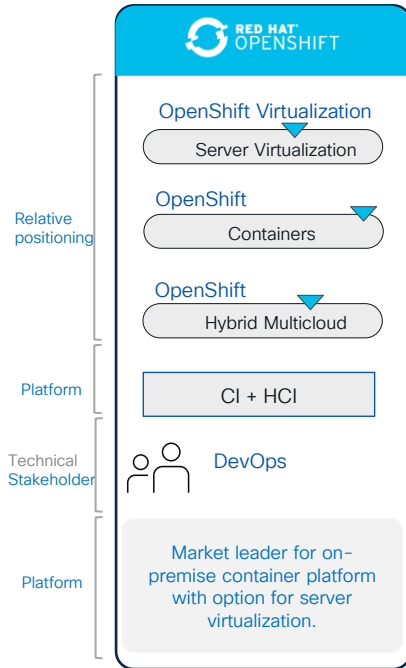
Are you running your major
Kubernetes Cluster(s) on Virtual
Machines, on Bare-Metal, or in the
Public Cloud?

① Start presenting to display the poll results on this slide.

Red Hat OpenShift Container Platform



Red Hat OpenShift Container Platform



A Leader in Container Platform

Red Hat OpenShift Container Platform (OCP) give customers a matured platform and ecosystem to run and manage containerized workloads in the datacenter and across clouds.



Validated Solutions / Patterns

Validated pattern supports companies deploying solutions and reducing risk and time.



Application Modernization

Red Hat OCP helps companies to adopt containerized application and cloud native workload in the data center and across clouds and manage them from a single place.

Cisco + Red Hat message



Consolidate containers and VMs with OpenShift on bare-metal UCS to build private cloud as part of a true hybrid multi-cloud solution.



Unleash the power of AI by deploying a full-stack AI solution on OpenShift on UCS. Use OpenShift AI to manage lifecycle of AI models.



Harness the power of edge workloads with the new purpose-built edge infrastructure running the industry leading container platform. All managed at scale from the cloud.

Intersight provisioning for Assisted Installer



Automate

Automating the boot process using Intersight reduces manual tasks and failures.



Simplicity

Bringing the power of Intersight to the Red Hat Administrator inside their own tools



Seamless Integration

Cross launch provides a smooth integration without the need for API key exchanges

✓ Discovery ISO is ready to be downloaded.

Adding hosts instructions

1. Download the Discovery ISO (onto a USB drive, attach it to a virtual media, etc.) and use it to boot your hosts.
2. Keep the Discovery ISO media connected to the device throughout the installation process and set each host to boot **only one time** from this device.
3. Booted hosts should appear in the host inventory table. This might take a few minutes.

[Add hosts from Cisco Intersight](#)

Discovery ISO URL

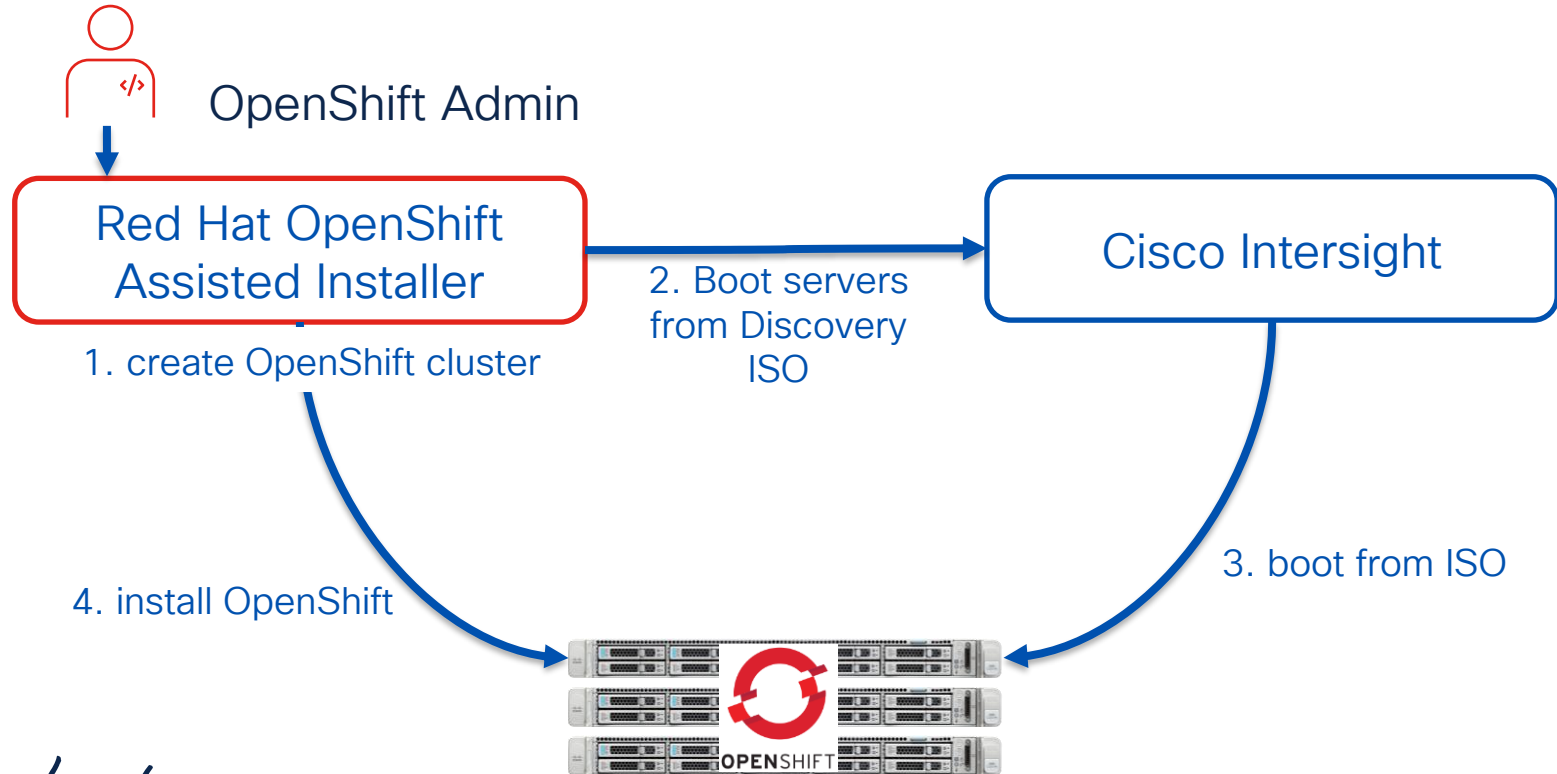
`https://api.openshift.com/api/assisted-images/bytoken/eyJh...`

Command to download the ISO:

```
wget -O discovery_image_ocp-dhcp.iso 'https://api.openshift.com/api/assisted-images/bytoken/eyJh...
```

ⓘ Never share your downloaded ISO with anyone else. Forwarding it might put your credentials and personal data at risk.

Intersight provisioning for Assisted Installer



What's Next?



MCE / ACM Integration



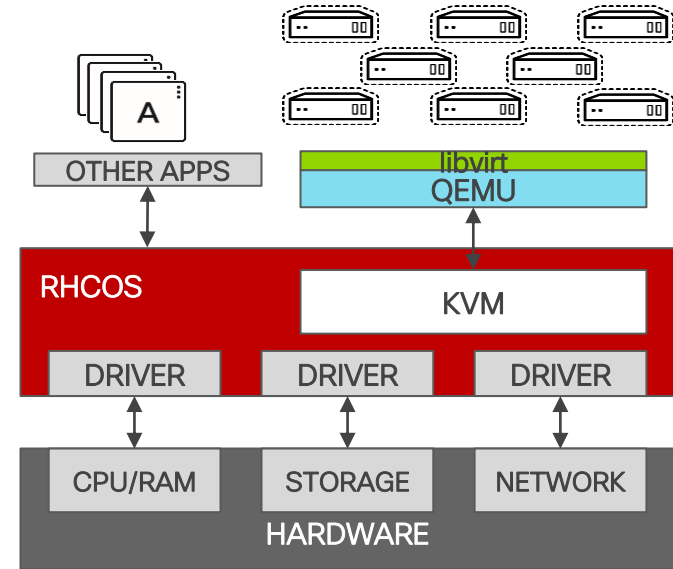
Intersight / Hybrid-Cloud
Console integration



Validated-Pattern /
Edge Solution

Red Hat OpenShift Virtualization

- Virtual machines
 - Running in containers, managed as Pods
 - Using the KVM hypervisor
- Scheduled, deployed, and managed by Kubernetes
- Integrated with container orchestrator resources and services
 - Networking connectivity
 - Persistent storage



How Cisco and Red Hat helps



We deliver a validated, full-stack,
private cloud platform

for deploying applications in containers and VMs, running AI
workloads, and automating your infrastructure from Cisco

So you can:



Reduce costs

With future-ready, sustainable, and
secure compute infrastructure



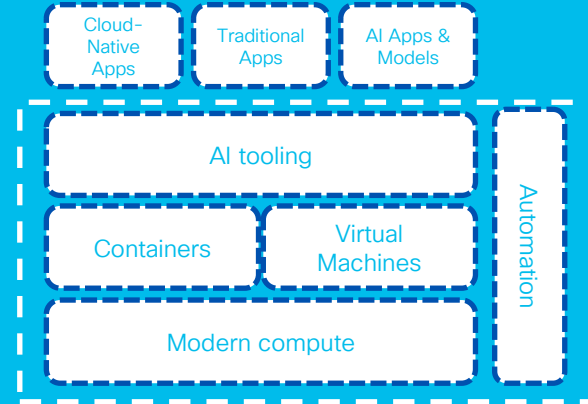
Deploy apps faster and securely

Consolidate container and
virtualization platforms



Support AI initiatives

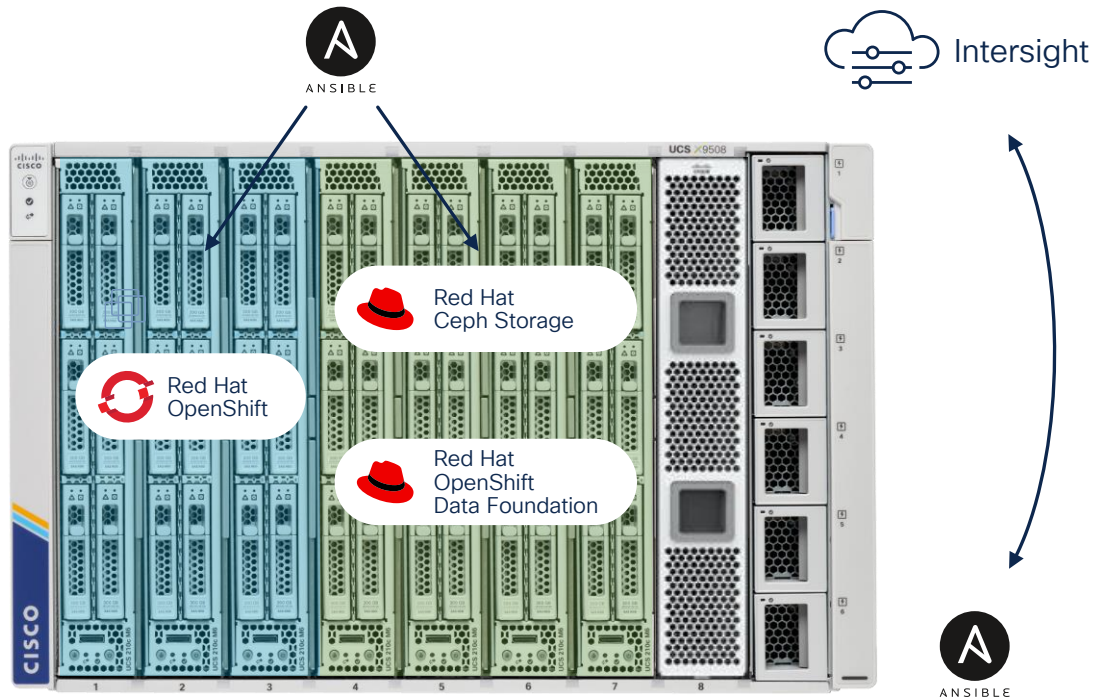
Build, train, and maintain
inferencing solutions to delight
your customers



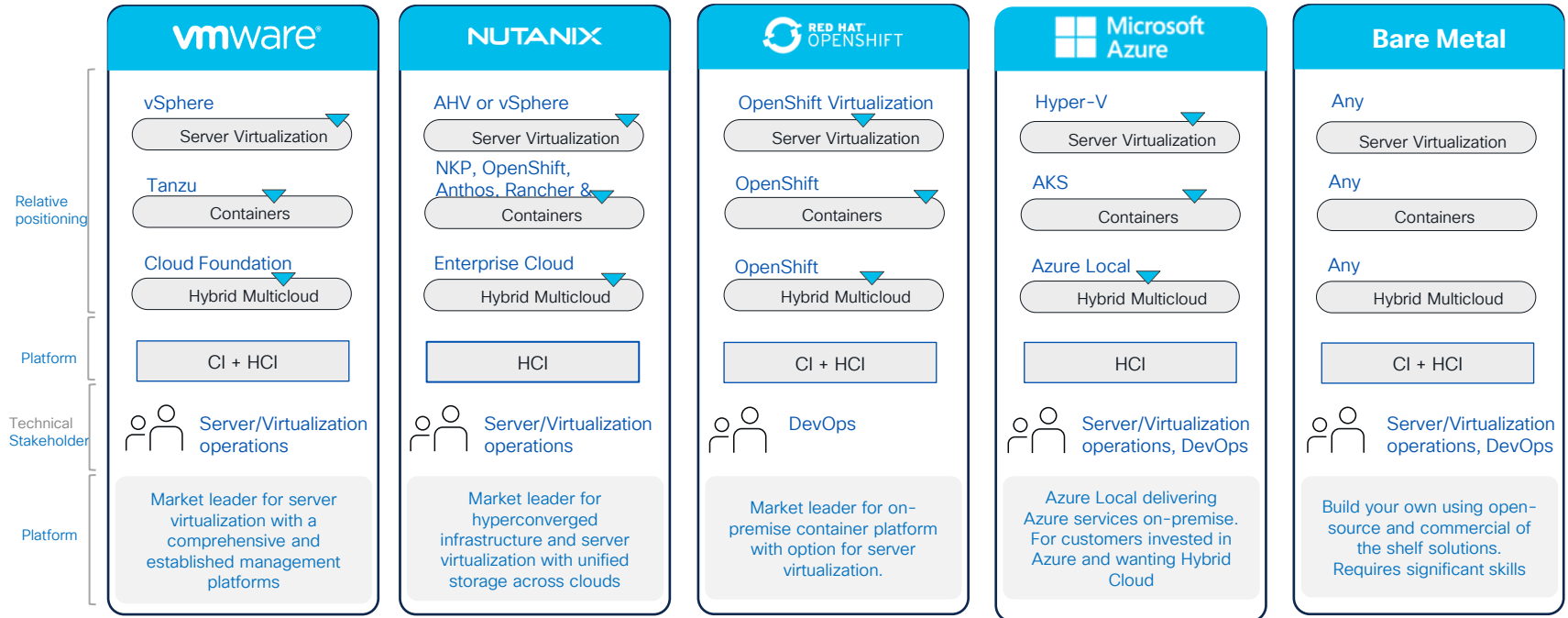
Application Platform Modernization,
AI-ready Infrastructure

Red Hat OCP and ODF – Hyperconverged Container Platform

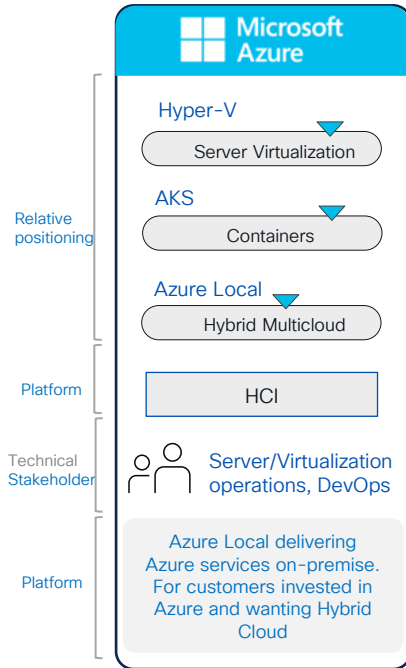
- Cisco UCS X-Series connected to FI and managed by Intersight through IMM
- Configuration and deployment through Intersight Ansible
- Automated install
- Preparation of all nodes through Ansible
- Install of OCP, Ceph, and ODF



Microsoft Azure Local with Hyper-V



Microsoft Azure Local with Hyper-V



A Leader in Virtualization

Hyper-V provides an extremely feature rich virtualization alternative whose license is included with each Windows Server license. Many customers already have Hyper-V licenses and just don't know it!



Consistent Management

Microsoft Azure Arc provides a consistent management overlay to enable customer to manage data on-premise on Azure Local and in Azure public cloud.



Application Modernization

Hyper-V combined with Azure services helps companies adopt containerized applications and cloud native workloads in the data center

Cisco + Microsoft offering



Consistently build and run hybrid apps across on-premises, cloud, and edge with Azure and Azure Local providing optimal system performance



Flexible, powerful designs hosting a wide range of workloads from AI to VDI. Leveraging the latest in Cisco and MSFT technology.

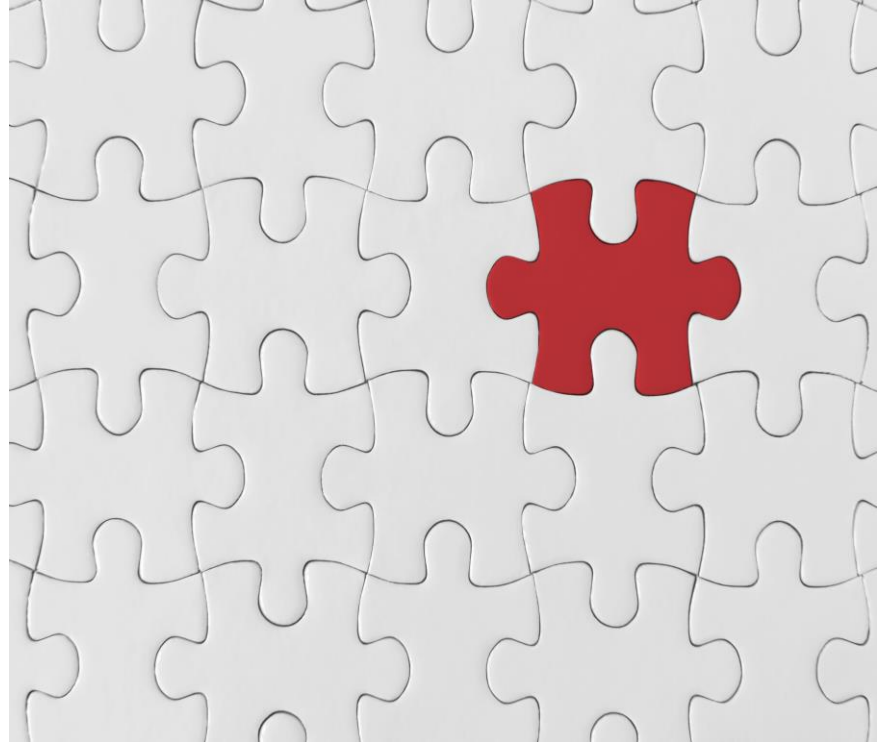


Long and extensive partnership jointly developing solutions for on-premise and Azure based deployments. Support teams collaborate on customer issues.

Hyper-V is core to Microsoft Solutions

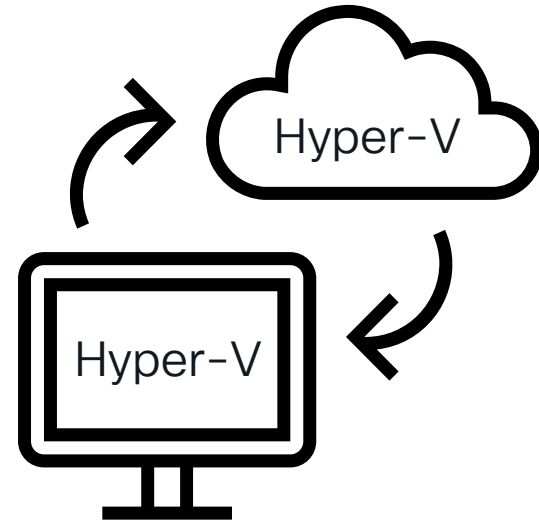
- Azure
- Azure Local
- Windows Server/Windows
- SQL Server
- Containers with Hyper-V isolation
- Platform Security
- Xbox

CISCO *Live!*

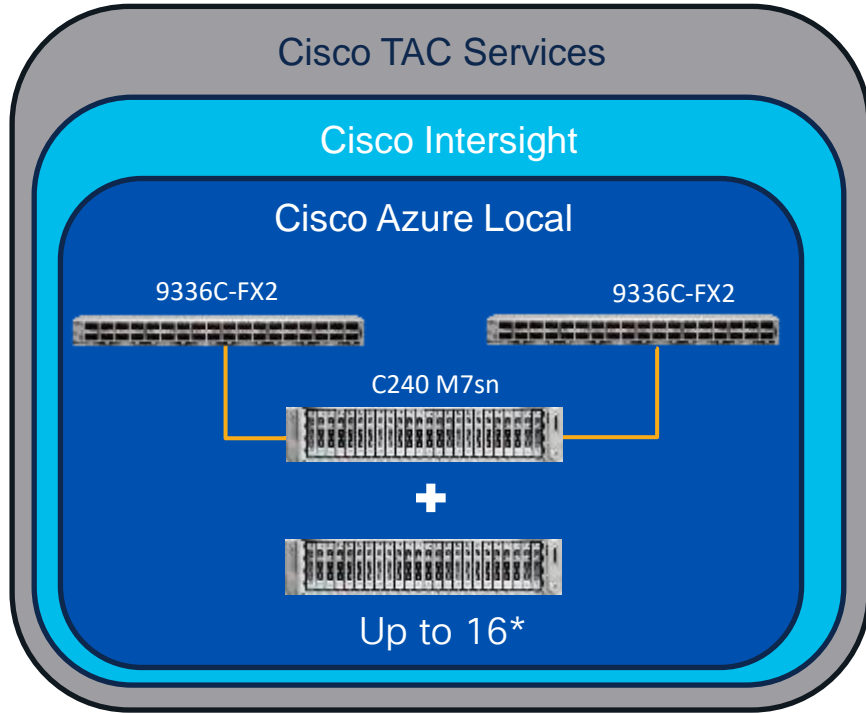


Windows Server 2025 Hyper-V New Features

- GPU Partitioning (GPU-P)
- GPU-P with Live Migration
- GPU-P with High Availability
- Dynamic Processor Compatibility
- Workgroup Hyper-V Clusters
- Network ATC
- Native ReFS Deduplication & Compression
- VM Performance Improvement
 - Host – Up to 4 PB Memory
 - Host – Up to 2048 Logical Processors
 - VM – 240 TB Memory
 - VM – 2048 Virtual Processors



Validated Azure Local Design



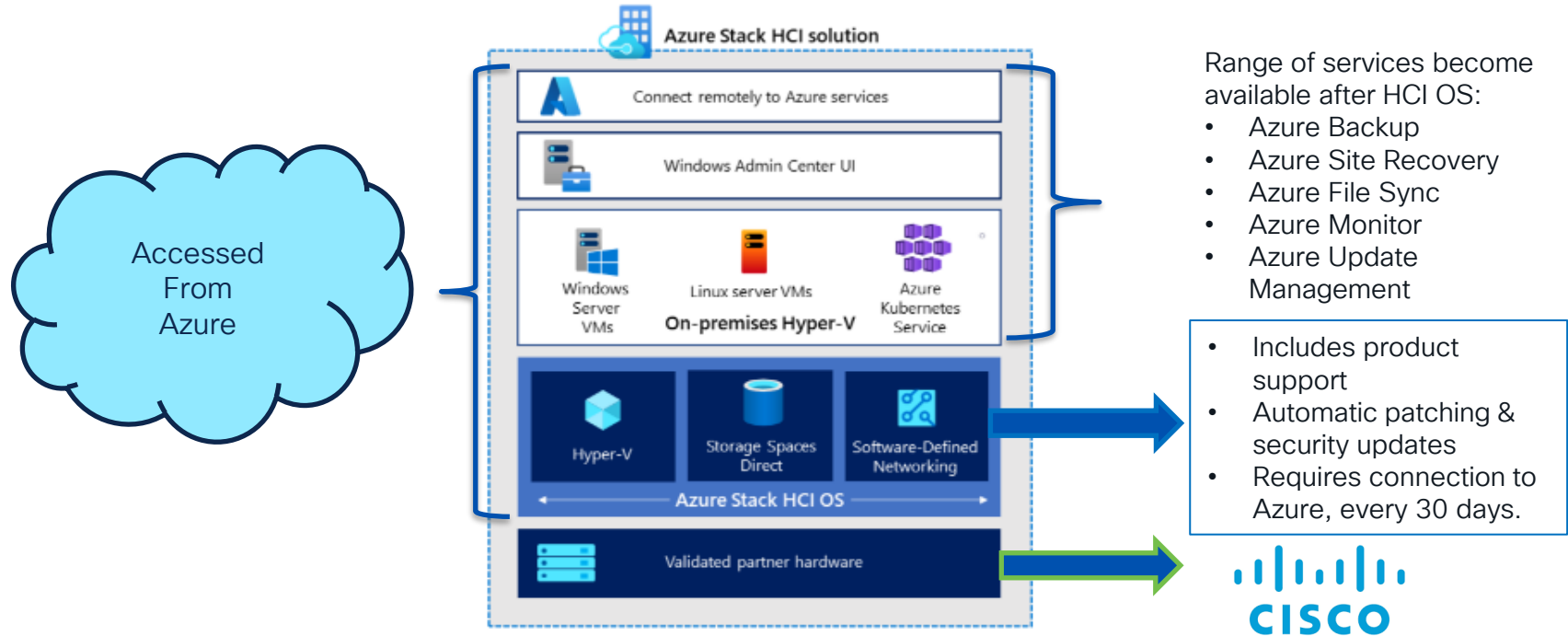
- Scale from 1 to 16 nodes, initially or add-on*
- 5th gen Intel Xeon Scalable processors
- Storage: Single tier all NVMe**
- Up to 100G End to End
- Support for optional Nvidia GPUs
- Intersight cloud-based management
- Nexus 9300-Series ToR switches
- NX-OS or ACI choice
- No single points of failure
- Contact either Cisco or Microsoft for support

* Microsoft requires server nodes configured **EXACTLY** same.

** Windows Server 2025 increase NVMe performance by 60%.

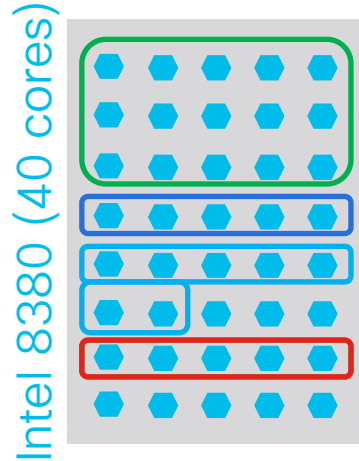
ACI Whitepaper for Azure Local: https://www.cisco.com/c/en/us/td/docs/dcn/whitepapers/ACI_AzureStackHCI_whitepaper.html

Azure Local Software Architecture



Cisco – Unique Advantage for Azure Local

- Cisco Intersight provides ability to turn core on/off with system reboot
- Azure Stack HCI OS only needs to be licensed on cores it sees (turned on)



Initial order, enable 15 cores.

+ 1 year, enable 5 cores, add

+ 6 months, enable 7 cores, add

+ 6 months, enable 5 cores, add

+ 6 months, drop 5 cores, remove

License = \$1,800/yr

License = \$ +600/yr

License = \$ +840/yr

TOTAL \$ 3,240/yr

License = \$ +600/yr

License = \$ -600/yr

Note: Azure Local OS is \$10/core/month

Cisco Advantages for Azure Local

All system elements come from Cisco



Control all roadmaps and system integration points.

Nexus as networking and security standard



World's leading standard for data connectivity and security.

Utilize customer's choice of rack in data center



Maintains approved best practice for system rack.

Positioned for performance



All NVMe storage, 100G NIC, 5th Gen Scalable Intel Xeon CPUs.

Leverage eco-system partners and products



A wide range of management tools, data security, installation & consulting services, simple updating processes.

Cloud based management



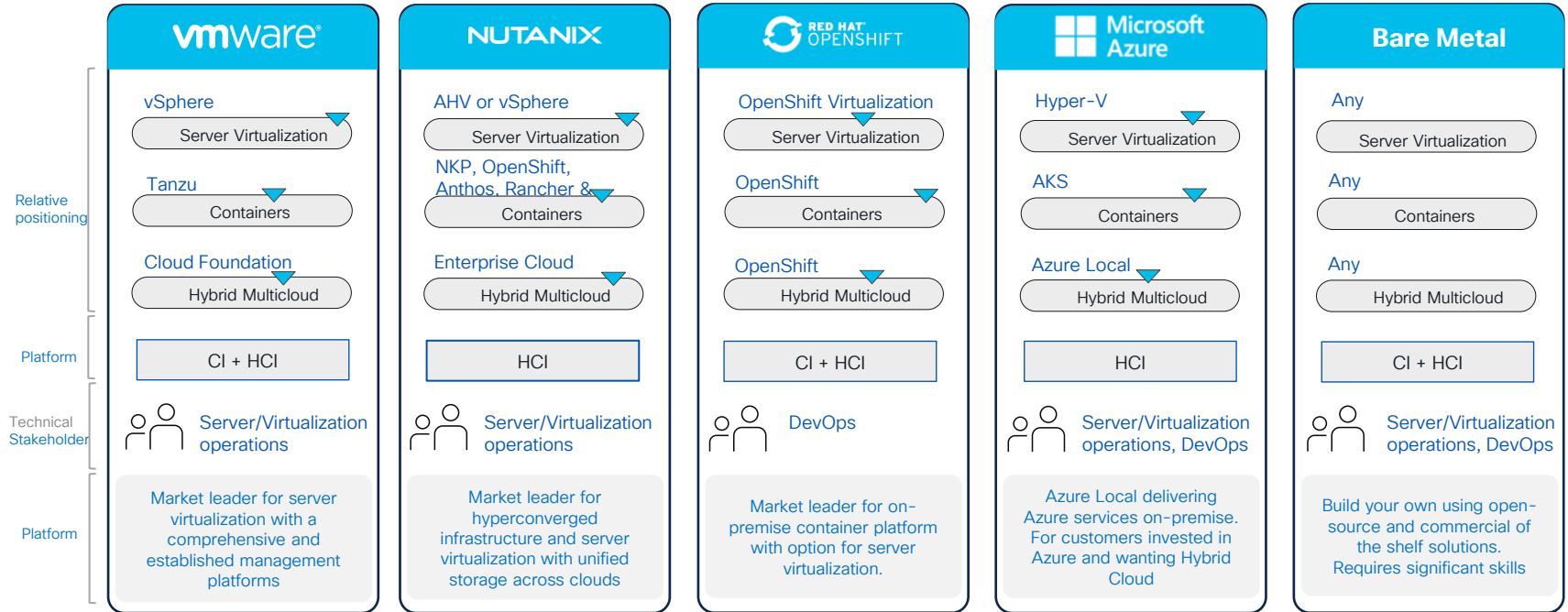
Intersight policies across multiple locations, global patch management. Azure Stack HCI OS updated directly from Azure.

Cisco Support

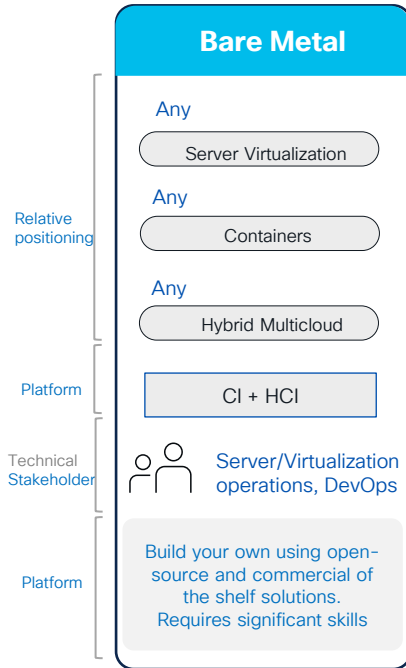


Collaborative Support - Contact either Cisco or Microsoft.

Bare Metal and other Solutions



Bare Metal and other Solutions



Stateless Computing

Cisco UCS provides a stateless compute platform allowing companies to use and re-use existing hardware based on application and business demand.



Broad Partner Ecosystem

A broad range of supported and certified hardware and software components to build virtualization and container solutions of any scale.



Application Modernization

Cisco UCS provides a versatile platform to help customers running bare-metal, virtualized, and containerized applications and use-cases.

UCS Infrastructure Solutions – Ready to Scale



Manage all your UCS servers regardless of their location from a single pane of glass



Utilize recognized best practices to design and implement and manage your solution stack.



Integrate with the forthcoming Edge Compute Platform to efficiently manage bare-metal, virtual, and container workloads across any location.

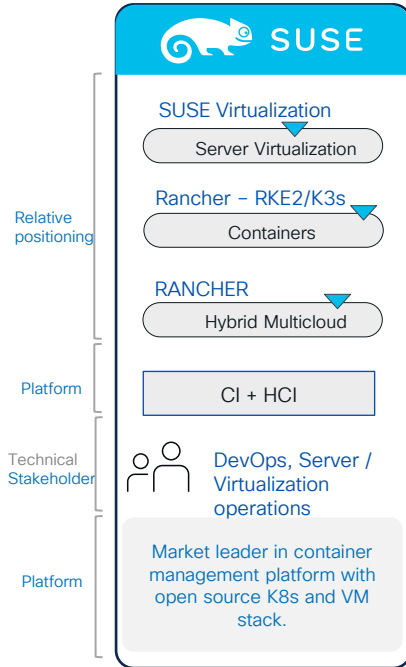
Bare-Metal = Build your own Stack ?

Any supported
Operating
System

Any supported
Virtual Machine
Manager or
Container
Manager

Any OS, VM
and Container
Management
tool

SUSE Virtualization and SUSE Rancher



A Global Leader in Container Management

Simplifies and addresses the operational and security challenges of managing multiple Kubernetes clusters across any infrastructure.



Open-Source Efficiency

Avoid vendor lock-in, reduce TCO, and maximize certified hardware use with scalable, secure open-source solutions.



Enhanced Security and Innovation

A single, secure, and scalable platform to manage VMs and containers while bridging legacy and cloud-native solutions for reliable application deployment.

DC to Cloud to Edge with Cisco and SUSE



Validated Solutions for Enterprise Applications, Container workloads and virtualization. Helping customers Modernize applications for secure scaling across any infrastructure



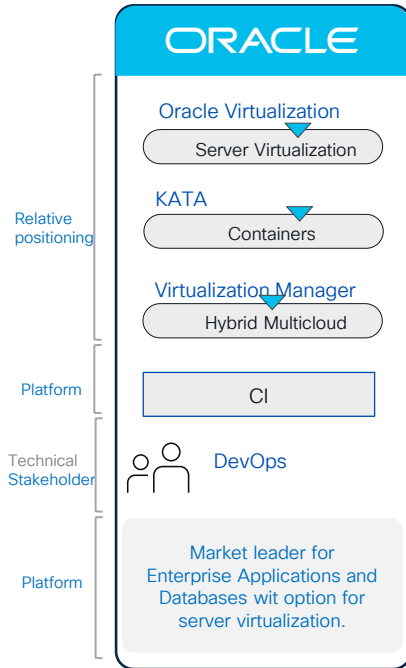
Open-Source architecture to right-size the solutions to your ideal technical and business outcomes.

SLE / SLE Micro
RKE2 / K3S / Harvester
Single-node / Multi-node



Infrastructure & workload observability, management, and updates across data centers, cloud, and edge locations.

Oracle Virtualization



Oracle Virtualization is designed for hybrid cloud

Backed by affordable enterprise support for hybrid environments, reducing operation and support costs while increasing IT efficiency and agility—on premises and in the cloud.



Speed of containers with the isolation of VMs

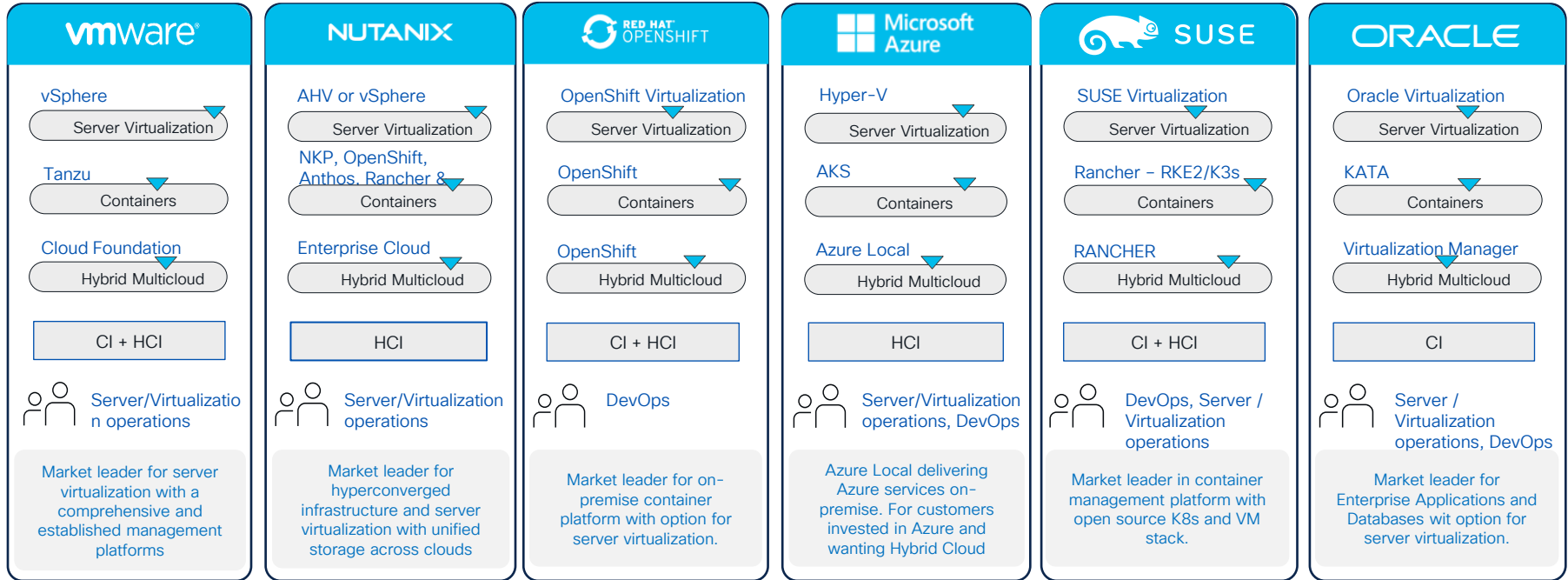
Kata Containers is an Open Container Initiative compliant runtime that uses lightweight virtual machines to provide isolation using hardware virtualization technology.




Integration

Oracle VM server virtualization software is supported by a long list of partners to support management, monitoring, data protection, and other important services and tasks.

Many Options One Platform - Cisco UCS



A photograph of two IT professionals in a server room. They are standing in front of a server rack with its door open, revealing a dense array of colorful network cables. One man, wearing glasses and a blue shirt, is pointing at the cables. The other man, also wearing glasses and a dark shirt, is holding a tablet and looking at the cables. The room is dimly lit with blue ambient lighting.

Server Virtualization market
disruption is happening

With Cisco UCS you have
choices.

CISCO *Live!*

Webex App

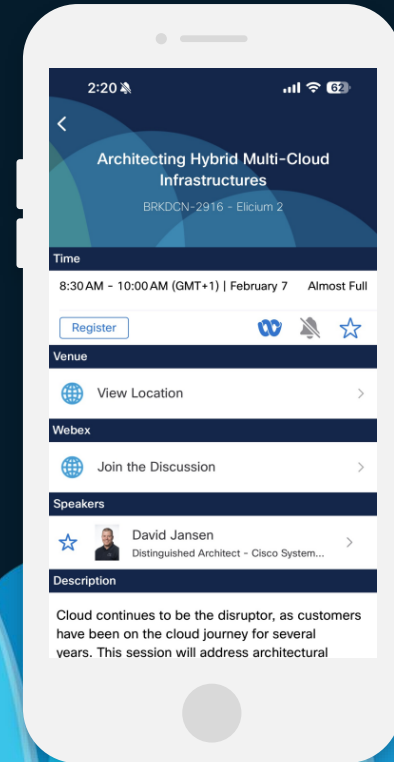
Questions?

Use the Webex app to chat with the speaker after the session

How

- 1 Find this session in the Cisco Events mobile app
- 2 Click “Join the Discussion”
- 3 Install the Webex app or go directly to the Webex space
- 4 Enter messages/questions in the Webex space

Webex spaces will be moderated by the speaker until February 28, 2025.



Fill Out Your Session Surveys



Participants who fill out a minimum of 4 session surveys and the overall event survey will get a unique Cisco Live t-shirt.

(from 11:30 on Thursday, while supplies last)



All surveys can be taken in the Cisco Events mobile app or by logging in to the Session Catalog and clicking the 'Participant Dashboard'



Content Catalog

Continue your education



- Visit the Cisco Showcase for related demos
- Book your one-on-one Meet the Engineer meeting
- Attend the interactive education with DevNet, Capture the Flag, and Walk-in Labs
- Visit the On-Demand Library for more sessions at ciscolive.com/on-demand. Sessions from this event will be available from March 3.

Contact me at: Webex or LinkedIn



Thank you

CISCO *Live!*



CISCO *Live!*

GO BEYOND

The background of the slide features a series of overlapping, teardrop-shaped elements in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are arranged in a way that creates a sense of depth and movement, resembling a stylized horizon or a series of waves. The overall composition is clean and modern, with the text 'GO BEYOND' prominently displayed in the center.