

Connect It's time to simplify AI infrastructure and operations Stefano Gioia, EMEA Solution Eng., Cloud & AI Cisco

Milan, 19 Nov 2024



Agenda

- Cisco Al-Ready Data Center
- The value of the Cisco & Red Hat Partnership
- Call to Action

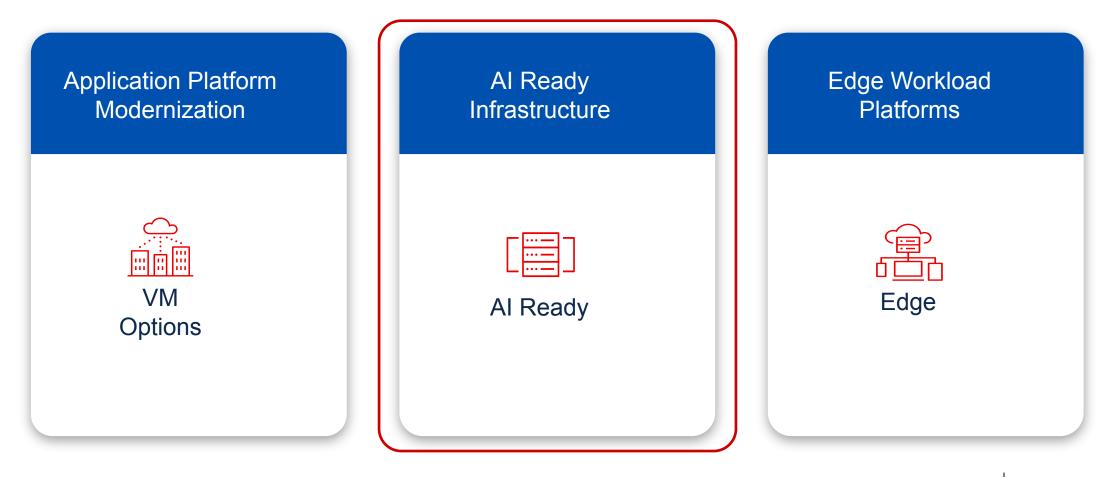


By the end of this session...

- Become familiar with the Cisco Al-Ready Data Center
- Understand the different options available within AI PODs
- Know the value of the Cisco & Red Hat Solution

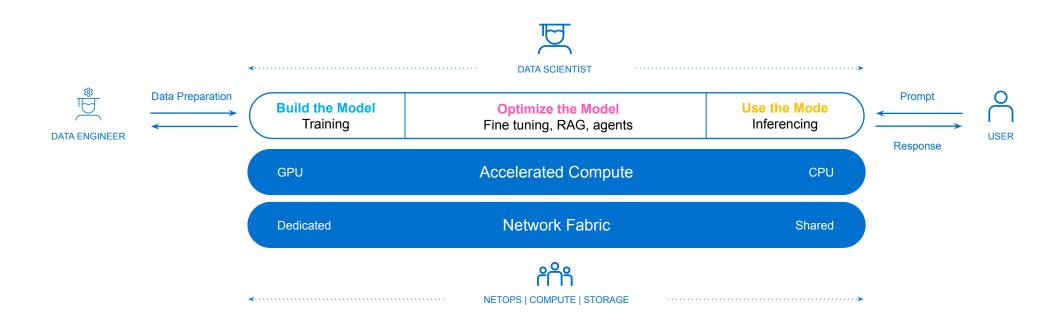
Cisco & Red Hat Go-to-Market Solutions

Backed by Cisco Validated Design and Solution Support



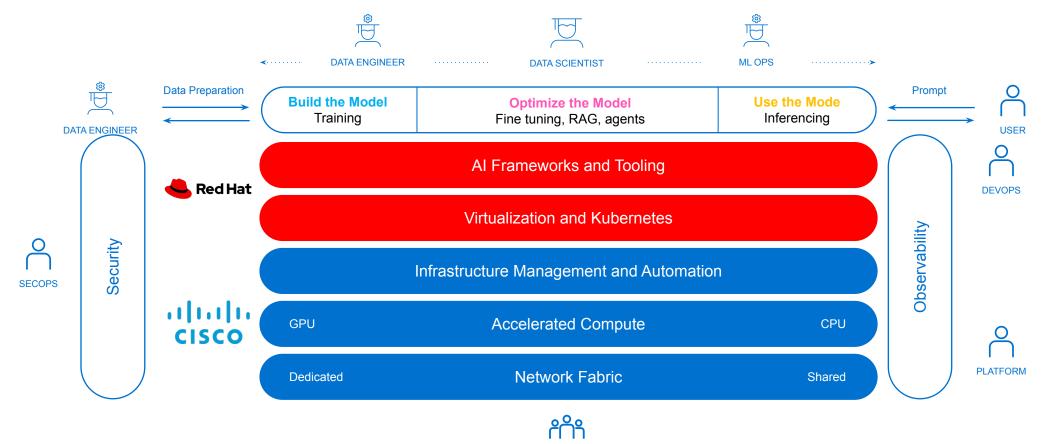


Generative AI – Full Stack Systems





Generative AI – Full Stack Systems

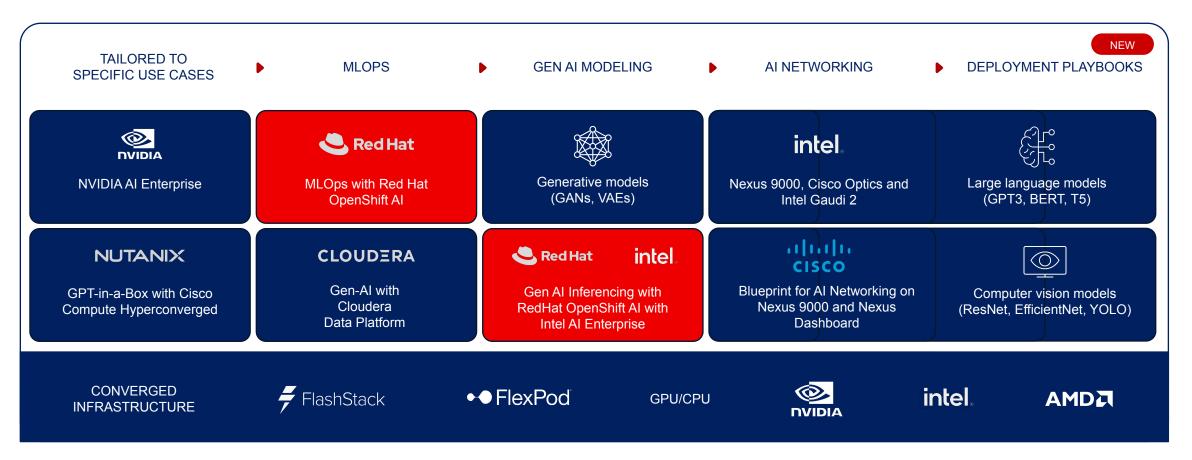






Solutions to Simplify and Automate Al Infrastructure

Cisco Validated Designs for the Data Center





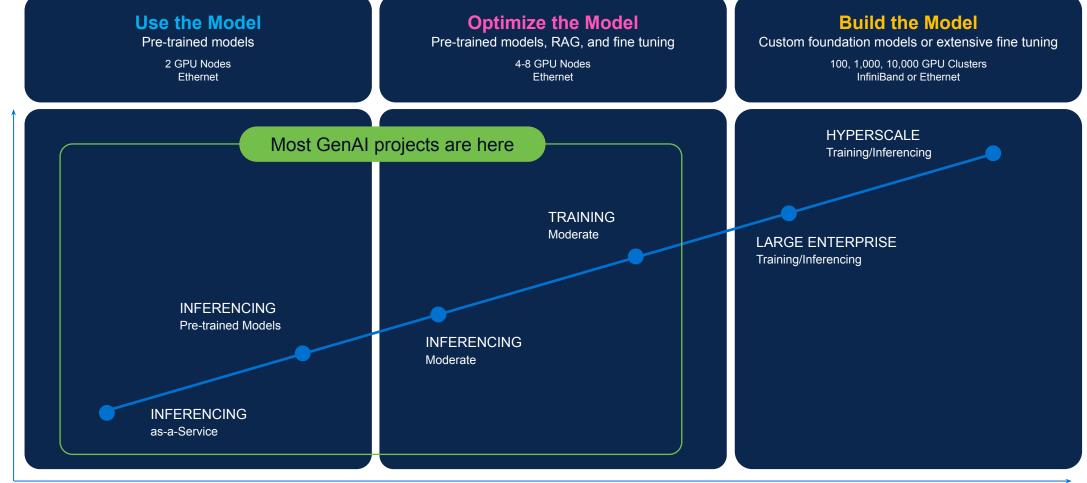
Every organization's Al approach and needs are different



CISCO Red Hat

"It's time to simplify AI infrastructure and operations" - Cisco System

Generative Al is a Spectrum



Cost



Infrastructure Requirements

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"It's time to simplify AI infrastructure and operations" - Cisco System

Every organization's Al approach and needs are different





"It's time to simplify AI infrastructure and operations" - Cisco System

Introducing Cisco UCS C885A

Building high-density GPU servers to the Cisco UCS family and to Cisco's AI solution

pseudo-intensive use cases like model training and deep learning



UCS Accelerated UCS C885A M8

Nvidia HGX with 8 Nvidia H100/H200 GPUs AMD Mi300X

2 AMD 4th Gen EPYC[™] Processors



Every organization's Al approach and needs are different

.......

Red Hat



Cisco Al-Ready Infrastructure Stacks

Introducing Cisco AI PODS

Faster time to value with pre-configured bundles

Deploy AI with confidence

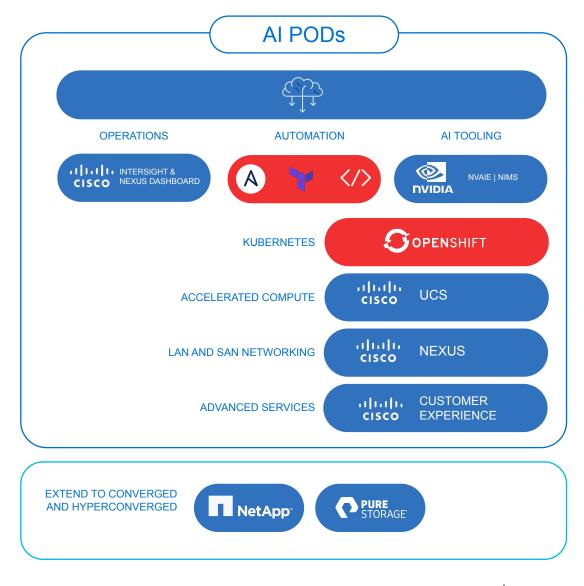
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Orderable, validated AI-Ready infrastructure stacks

Fully supported stack including Cisco and 3rd party components

AI Advisor tool for configuration guidance

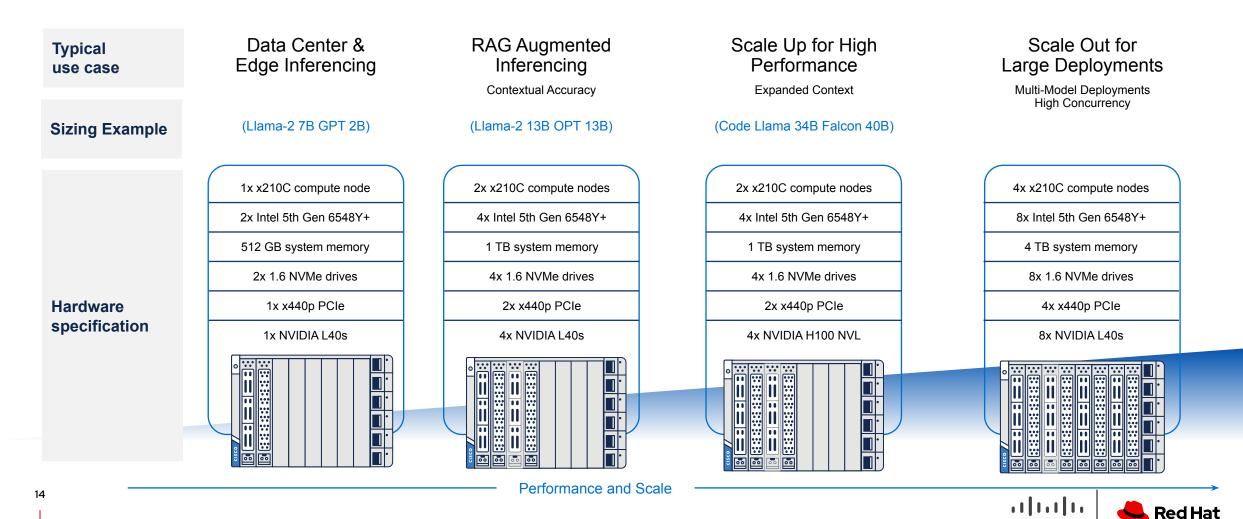
COMING SOON





Red Hat Summit Connect 2024

AI PODs Use Cases



CISCO

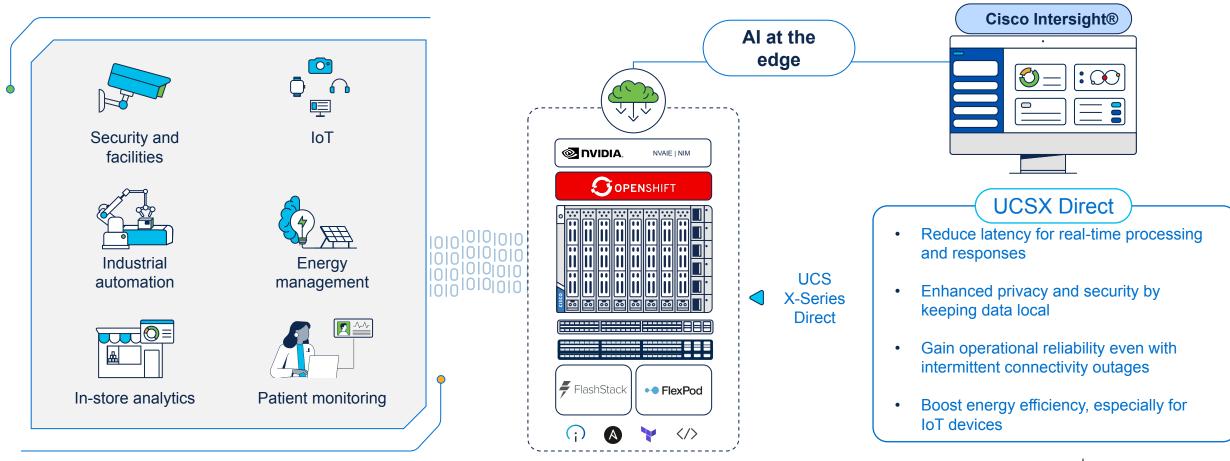
Every organization's Al approach and needs are different



CISCO Red Hat

"It's time to simplify AI infrastructure and operations" - Cisco System

Inferencing at the Edge





Red Hat Summit Connect 2024

Cisco AI Pods Benefits

Simplified Purchasing Experience Seamless Deployment and Integration





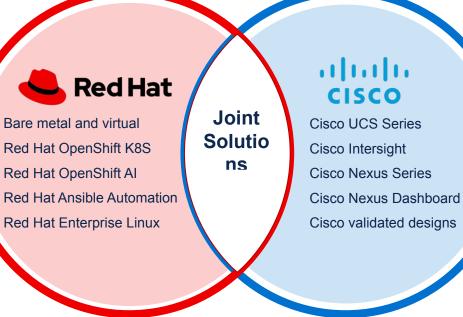
Cisco + RedHat Partnership

Open Cloud Infrastructure

platform built on open-source innovation

Accelerated time to value

with turnkey experience and integrated automation For VMs and C



Simplified Operations and Support

with Cloud managed infrastructure and Cisco Solution Support across Red Hat on converged infrastructure stacks

Reduced Risk

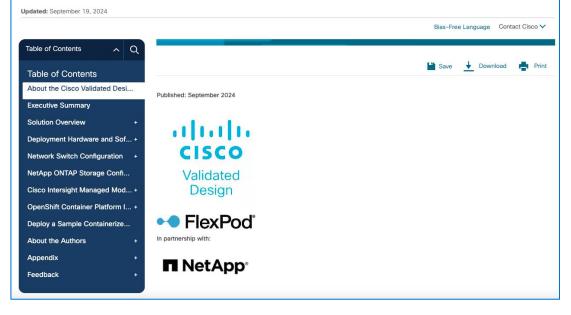
with Cisco Validated Designs, delivering tested architectures for standardized, repeatable deployments.

Operate across	More choice	20+ Cisco Validated	Consistent app dev	Increased	
hybrid multicloud	and flexibility	Designs	experience	sustainability	
				cisco	Red Ha

Cisco Validated Design with Red Hat



FlexPod Datacenter with Red Hat OCP Bare Metal Manual Configuration with Cisco UCS X-Series Direct



Red Hat OpenShift is now supported on bare metal UCS/UCSX servers! Cisco CVD's will no longer require VMware to remove layers and simplify our solutions.

Just released:

- Flexpod Datacenter with Red Hat OpenShift Bare Metal
- More OpenShift on bare metal CVD's coming soon:
- FlexPod with OpenShift Virtualization
- FlexPod with OpenShift Al
- FlashStack with OpenShift Virtualization
- FlashStack with OpenShift AI
- Datacenter Cisco Validated Design Center





Connect







Connect

Thank you

