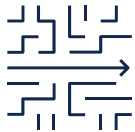**AMD**

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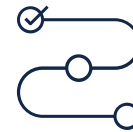The bridge to possible

Level Up Admin Control

Manage Cisco UCS servers with AMD EPYC processors using Cisco Intersight Infrastructure Service

Next-level simplicity

Next-level support

Next-level operations

Bring the value of AMD EPYC™ processors to life when you manage with Cisco Intersight.®

When you level up to Cisco Intersight Infrastructure Service, you can deploy and manage all of the advanced features of AMD EPYC processors as a matter of policy. You can dictate features to be set for your AMD EPYC processor-powered Cisco UCS® C225 M6 and C245 M6 rack servers, Cisco UCS C125 M5 Rack Server nodes, and Cisco HyperFlex™ HX225c and HX245c Nodes. This means security settings, latency parameters, energy-efficiency priorities, and even fan speeds can be deployed consistently across your global enterprise. Intersight helps:

· **Simplify** with a single, cloud-based interface to manage all your systems from anywhere—including a global dashboard with a web interface or our mobile app

· **Support** through continuous connectivity to Cisco® Technical Assistance Center (Cisco TAC) that provides automated, proactive support

· **Operate** with global templates and configuration policies that quickly deploy your infrastructure while giving access to a wealth of additional Intersight capabilities

Benefits

· **Simplify:** Manage all of your AMD EPYC processor-powered Cisco UCS and HyperFlex infrastructure from anywhere

· **Support:** Integrate with the Cisco Technical Assistance Center with automated, proactive support

· **Operate:** Quickly provision, manage, and monitor at scale and reap the savings of consistent, global management

AMD

CISCO
The bridge to possible

Make AMD features a matter of policy

Tailor your servers for specific workloads and enforce policies with role-based administration. It's easy to take advantage of the wide range of AMD EPYC processor features when they are set as a matter of policy. Some of the settings you can automate include:

· **Memory encryption:** set AMD Secure Encrypted Virtualization (SEV) or AMD Secure Memory Encryption (SME)

· **NUMA topology:** Set the NUMA parameters that can make your high-performance computing performance soar

· **Power efficiency:** Help reduce energy consumption by setting the processor to optimize performance per watt vs. maximizing performance

· **Low-latency computing:** Optimize for low latency though a collection of settings designed to deliver deterministic performance for financial or real-time processing needs

For more information refer to the performance tuning guide.

Modern operational model

Intersight is Cisco's cloud-delivered lifecycle management and automation platform for compute, storage, and networking infrastructure resources—from data center to edge. Cisco Intersight Infrastructure Service is a foundational module that enables powerful tools to manage everything from AMD EPYC processor BIOS parameters to third-party storage platforms. It supports the capabilities described below:

Templates, policies, and pools

Concepts you may know from Cisco UCS Manager or Cisco Integrated Management Controller are now global. This means that you define pools of resources such as IP addresses and policies such as BIOS settings, and assemble them into templates that direct server deployment consistently across your global enterprise and are enforced through role-based administration.

Automate troubleshooting

Cisco Intersight is connected directly to Cisco TAC, so they can communicate regarding any problems you might encounter, including automatically uploading technical support data to aid in problem resolution.

Level up security remediation

With constant connection to Cisco, and knowledge of your hardware inventory, we can get you targeted, timely advisories that keep you up to date on published security vulnerabilities and field notices impacting your infrastructure. These advisories contain prescriptive recommendations that set you on a path toward remediation.

Get replacement parts fast

Even before you encounter a problem, proactive RMAs leverage Intersight's AI-powered diagnostic engine to proactively issue service requests and get new parts on their way to you. When anomalies occur and are correlated with known problems, replacement parts may arrive before you even know there is a problem. This helps keep your business operating at its peak.

Manage infrastructure on the go

What better way to manage a mobile workforce than to be mobile yourself? The Cisco Intersight Infrastructure Service mobile app provides infrastructure visibility on the go, showing health and inventory for your Cisco UCS and HyperFlex systems. You can monitor service request status, and even manage storage utilization in your Cisco HyperFlex systems.

Take the next step

Move your journey to modern infrastructure management forward with Cisco Intersight Infrastructure Service and unlock next-level simplicity, support, and operations.

Learn more

· Cisco Intersight

· Cisco Intersight Infrastructure Service

· Cisco Intersight Workload Optimizer

· Cisco Nexus® Cloud