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Cisco HyperFabric
Build unlimited data center fabrics - quickly, easily, anywhere

Cisco's new Nexus HyperFabric AI cluster solution, developed in collaboration with NVIDIA, provides a path for enterprises to operationalize generative AI. Cisco HyperFabric is an enterprise-ready, end-to-end infrastructure solution to scale generative AI workloads. It combines NVIDIA accelerated computing and AI software with Cisco AI-native networking and a robust VAST Data Platform.

By 2026 **60%** of IT leaders and professionals expect to deploy AI-enabled predictive networks.

75% of IT leaders plan to deploy tools that offer end-to-end visibility via a single console.

How Cisco Nexus HyperFabric AI Cluster Works

The on-premise solution offers a single platform to design, deploy, monitor, and optimise AI pods and data centre workloads. It guides users from design to deployment and assurance, delivering enterprise-ready AI infrastructure. With cloud management across a unified compute and networking fabric, you can easily manage large-scale fabrics across data centres, colocation facilities, and edge sites

Cisco Nexus Hyperfabric makes AI deployment easy with AI-native capabilities, design-before-you-buy tools, worry-free guidance, and plug-and-play deployment. Plus, assertion-based monitoring gets at the root cause of issues.

Power through the most demanding data center workloads with Cisco accelerated compute and Cisco 6000 Series Switches that feature 800G lossless Ethernet, industry-leading 800G optics, and 51.2 Tbps Cisco Silicon One.

Drive successful generative AI (GenAI) outcomes with this innovative architecture that integrates Cisco compute with NVIDIA GPUs and DPUs, Cisco 6000 Series Switches, Cisco Optics, VAST Data storage, and NVIDIA AI Enterprise.

To find out more, get in touch at **natilik.com/contact**

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