

FlashStack with Nutanix

Validated Simplicity. Flexible Modernization. Consistent Performance.



Overview

As hybrid-cloud adoption and edge expansion accelerate, IT environments are becoming more diverse and distributed—introducing complexity, operational overhead, and governance challenges. FlashStack® with Nutanix, powered by Intel® Xeon® Scalable Processors, enables choice of hypervisor options through validated converged infrastructure solutions. Built through collaboration between Cisco, Nutanix, and Pure Storage, it delivers the proven reliability of FlashStack with the agility and cloud-like simplicity of Nutanix Cloud Platform. This architecture empowers organizations to modernize on their terms – scaling performance, simplifying operations, and protecting existing investments.

Business challenges

IT leaders are navigating increasingly diverse workloads across hybrid environments.

They need infrastructure that can:

- Support traditional and modern applications efficiently
- Scale compute and storage independently or together
- Simplify lifecycle management with unified visibility and automation

Fragmented tools and rigid architecture often slow innovation, increase costs, and create operational silos. Organizations are seeking a more adaptive foundation to accelerate modernization.

Solution overview

FlashStack with Nutanix, powered by **Intel** Xeon Scalable Processors, combines:

- **Cisco UCS® X-, C-, and B-Series** (B200 M5/M6) servers with Cisco Intersight® for secure, cloud-based lifecycle automation
- **Nutanix Cloud Platform (NCP)** with the **Nutanix Acropolis Hypervisor (AHV)** and **Nutanix Prism Central** for unified virtualization and orchestration
- **Pure Storage FlashArray®** for enterprise-grade, all-flash storage and NVMe/TCP connectivity

Together, these technologies form a modular, jointly validated platform that delivers performance, simplicity, and flexibility across the entire hybrid IT stack.

Key benefits

Adapt with confidence

Scale compute and storage independently or together – aligning infrastructure growth with business needs and reusing existing Cisco UCS and Pure Storage investments.

Accelerate performance

Intel-powered compute and all-flash NVMe storage deliver predictable throughput, low latency, and enterprise-class reliability for critical workloads.

Simplify operations

Cisco Intersight, Nutanix Prism Central, and Pure Storage Pure1® provide unified visibility, automation, and governance – reducing manual effort and streamlining day 0–N operations.

Why it matters

FlashStack with Nutanix extends the trusted FlashStack experience into a new era of adaptability. It enables IT teams to modernize without compromise – combining validated simplicity, consistent performance, and operational choice to meet evolving business and application demands.

Validated architecture

FlashStack with Nutanix features a jointly validated, disaggregated compute-and-storage architecture that combines Cisco UCS servers powered by Intel Xeon Scalable Processors, Nutanix Cloud Platform and Nutanix Acropolis Hypervisor, and Pure Storage FlashArray connected through NVMe/TCP.

This modular design enables independent scalability, consistent performance, and unified lifecycle management through Cisco Intersight, Nutanix Prism Central, and Pure Storage Pure1—providing a flexible, future-ready foundation that maintains operational consistency across compute, virtualization, and storage layers.

The jointly validated design for FlashStack with Nutanix is in development and will be available soon.

Learn more

For more information about Cisco Compute Hyperconverged with Nutanix, go to

- <https://www.cisco.com/go/computehyperconverged>
- <https://www.nutanix.com/ucs>

For information on FlashStack solutions:

- <https://www.cisco.com/go/flashstack>
- <https://www.purestorage.com/flashstack>