Cisco Intersight and Nutanix Prism Central (PC) Integrations

Benefits

- **Simplify operations:** Single dashboard on Cisco Intersight for monitoring Cisco Hyperconverged Infrastructure (HCI) running Nutanix software from multiple Nutanix Prism Centrals (PCs)

- **Enhance visibility:** Bi-directional interface enables the ability to see Cisco HCI Nutanix cluster and node detail view; storage utilization; cluster-level alarm aggregation and alarm acknowledgement, and Nutanix license entitlement, compliance, and violations.

- **Ease of use and flexibility:** A single view to manage Cisco Intersight licenses and Nutanix licenses; automatic upgrade of Cisco Device Connector (DC) via Intersight; and support for Cisco Intersight SaaS, Cisco Intersight Connected Virtual Appliance (CVA), and Private Virtual Appliance (PVA)

- **Efficient troubleshooting:** Future cross-launch capabilities will facilitate quicker debugging and issue resolution across both platforms.

The need for visibility and insights

IT organizations must ensure they are delivering digital experiences that delight customers. Delivering outstanding digital experiences can boost customer satisfaction and enhance brand reputation, potentially leading to increased sales and revenue. Operational costs can decrease due to fewer support requests, and the insights gained can drive strategic business decisions.
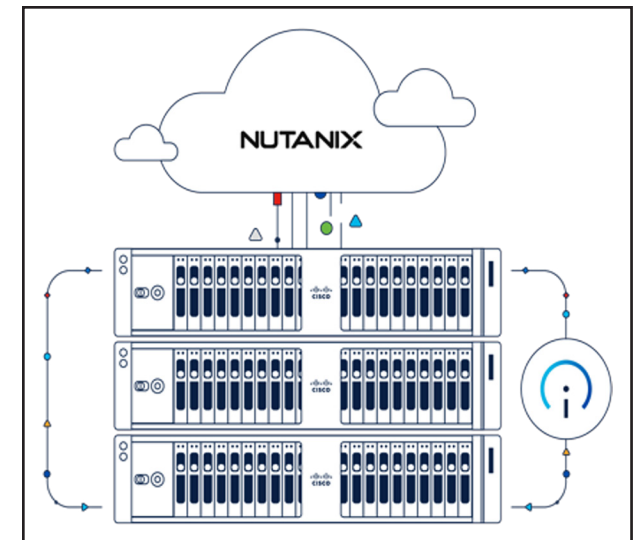
However, complex IT operations and lack of visibility can:

- Obscure the ability to swiftly identify and resolve system issues, leading to prolonged downtimes and poor user experiences

- Result in inconsistent system performance, reduce resource optimization, and hinder informed decision-making

- Lead to security vulnerabilities going unnoticed, risking data breaches and loss of customer trust

Simplified operations with enhanced monitoring is essential to optimize performance and proactively manage your technology landscape from a centralized vantage point.

Cisco Intersight and Nutanix Prism Central (PC) integration

Cisco® and Nutanix have collaborated to introduce foundational integration capabilities between Cisco Intersight® and Nutanix Prism, delivering greater visibility and insight into the Cisco Compute Hyperconverged with Nutanix solution. This integration will deliver a more unified experience to customers implementing the solution and provide increased visibility and control across distributed hyperconverged clusters.

What it does

Nutanix Prism Central (PC) can be a managed target connected to the Intersight portal through a Cisco Device Connector. The Cisco Device Connector (DC) application (Opt-in) must be downloaded from the Prism Central Marketplace and installed in Nutanix Prism Central. Once the Cisco DC is installed, it builds a bi-directional secure communication channel bridging Cisco Intersight with Nutanix Prism Central. Cisco Intersight uses Prism Central v4 Management APIs to display and monitor different Intersight services for Cisco HCI clusters running Nutanix software (as also described under Benefits). The development of a bi-directional interface between the Cisco Intersight management platform and Nutanix Prism Central enables both Cisco and Nutanix to develop observability and monitoring features independently in future.

Learn more

For information on Cisco Compute Hyperconverged Infrastructure with Nutanix, visit cisco.com/go/computehyperconverged.

For information on Cisco Intersight, visit https://www.cisco.com/go/intersight.

Supported hardware

- All Cisco HCI servers are officially supported
    - HCI M6 and M7 rack servers
    - HCI M7 X-series modular servers
- UMM (UCSM Managed Mode), ISM (Intersight Standalone Mode), and IMM (Intersight Managed Mode) clusters are supported.

Supported software

- Nutanix software
    - Prism Central 2024.3 or later
    - AOS 6.8 or later
    - Lifecycle Manager (LCM) 3.1 or later (for device connector upgrades)
    - Cisco Device Connector (DC) 4.3.0 or later
    - Support for both- Nutanix Acropolis Hypervisor (AHV) and ESXi hypervisor
- Cisco software
    - Support for Cisco Intersight SaaS
    - Support for Cisco Intersight Connected Virtual Appliance (CVA) and Private Virtual Appliance (PVA) (1.1.2-0 or later)

Cisco Intersight and Nutanix Prism Central Day 1 integration scale limits

- Phase 1 support (initial release) – support each Prism Central with 25 registered clusters and 5000 alarms