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CISCO
The bridge to possible

Cisco Nexus Cloud

Contents

A simple, flexible and panoramic SaaS solution

More than ever, enterprises need world-class infrastructure to bridge on-premises and multiple clouds – and Cisco Nexus® Cloud is the answer. Simplicity and agility, managed and delivered from the cloud: Nexus Cloud will be the easiest way to deploy, manage, and operate your cloud network, with unparalleled visibility to make true hybrid cloud automation possible – all encapsulated in a simple, scalable as-a-service platform. Nexus Cloud is powered by Cisco Intersight™.

Cisco Nexus Cloud as a service offers the simplest way to operate and analyze your cloud native and hybrid cloud data center environments.

This cloud delivered service provides

- **Rapid deployment** – Skip the rack, stack, cable, install, deploy routine. Become productive with few simple clicks and no hardware to install
- **CapEx vs OpEx** – Stop front-loading your expenses. Go for flexible spending with a subscription model
- **Innovation velocity** – Embrace new features seamlessly with always up-to-date automatic software upgrades
- **Optimal TCO/ROI** – Obtain right-size provisioning of the resources. Auto-scale your consumption with growth in network
- **Availability** – Take advantage of reliable, scalable, secure, and always-on infrastructure. Go global in minutes
- **Sustainability** – Gain visibility into network energy consumption

Cisco Nexus Cloud delivers connectivity, security, and network intelligence—all managed from a single cloud-hosted platform.

Rapidly scale your network and reap the benefits of our agile, hassle-free platform that can automate and operate your infrastructure with ease.

To learn more, reach out to your Cisco sales representative.

Figure 1.
Cisco Nexus Cloud

Benefits

- **Reduce operational complexity** through performance monitoring

  ○ Comprehensive network infrastructure visibility from applications to network, by correlating software telemetry

  ○ Anomaly detection and reporting by quickly identifying deviations from baseline network performance and reporting anomalies using AIOps techniques

  ○ Automatically ensure infrastructure conformance

- **Minimize risk with predictive analytics**

  ○ Evaluate impact of network configuration changes to minimize risk of unintended consequences

  ○ Accelerate root-cause analysis by correlating events across infrastructure components using machine learning algorithms

  ○ Prevent compliance violations with proactive and prescriptive checks, to enable continuous assurance and ensure business services continuity

- **Boost productivity**

  ○ The simplest way to onboard a networking fabric in the industry

  ○ Automated provisioning of network infrastructure, application connectivity, and enforcement of policy-based network segmentation[*]

  ○ Granular change control for operational flexibility[*]

  ○ Full life cycle management of hybrid-cloud network infrastructure[*]

[*]Future

Nexus Cloud Superpowers

Auto-discovery: Automatically discover Cisco ACI® or NX-OS fabrics, simplifying the site on-boarding experience from traditional manual operational processes that are onerous.

Visibility: Customers can visualize network connectivity with dynamic topology views, helping operators to drill down into connected end points, monitor the health of the network, and compute resources for physical and virtual infrastructure.

Always stay up to date: AIOps-driven operations with the Nexus Cloud result in intelligent planning and scheduling upgrades with high uptime.

Built-in support: Connected support with easily tagging Cisco® TAC and real-time analytics.

Learn more

Customers with the DCN Essential or Advantage licenses can use Cisco Nexus cloud with an option to upgrade to a Premier license or add Day2ops "add-on" license to unlock the full potential of the platform.

You'll be ready to roll in minutes, and our expert support team will guide you every step of the way.

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