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The bridge to possible

Cisco DNA Center

Realize the benefits of intent-based networking and an open and extensible management platform. The network, made intuitive.

The need for intent-based networking is growing as more segments of business depend on reliable, secure digital networks. Cisco DNA Center is a powerful network controller and management dashboard that lets you take charge of your network, optimize your Cisco investment, and lower your IT spending. Full automation capabilities for provisioning and change management are enhanced with intelligent analytics that pull telemetry data from everywhere in the network. Applications, services, and users are prioritized based on business goals, within policy parameters and security best-practices. Shortcomings in network, application, or device performance are flagged, and instant remediation guidance saves hours of IT troubleshooting. This interconnection of automation and assurance forms a continuous validation-and-verification loop, checking alignment of network operation with business intent. Now Cisco is adding open interfaces so that third-party technologies can be run on top of Cisco DNA Center and benefit from its powerful network visibility. This new Cisco DNA Center is an open, extensible platform for streamlining IT workflows and greater business innovation.

Benefits

- **Secure access:** Translate business intent into zero-trust policies and dynamic segmentation of endpoints based on usage behavior

- **Simplify management:** Policy-driven provisioning and guided remediation increase network uptime and reduce time spent managing network operations

- **Ensure network integrity with analytics:** AI/ML network insights increase network uptime and reduce time spent managing network operations

- Extend domains with integrated services and applications that benefit from this intelligent network optimization

Learn more

To learn more about Cisco DNA Center and how it can help to accelerate your digital transformation, read the Cisco DNA Center solution overview and visit https://www.cisco.com/go/dnacenter.

What Cisco DNA Center enables you to do

Automate: Save time by using a single dashboard to manage and automate your network. Quickly scale your business with intuitive workflows and reusable templates. Configure and provision thousands of network devices across your enterprise in minutes, not hours.

Secure policy: Deploy group-based secure access and network segmentation based on business needs. With Cisco DNA Center, you apply policy to users and applications instead of to your network devices. Automation reduces manual operations and the costs associated with human errors, resulting in more uptime and improved security. Assurance then assesses the network and uses context to turn data into intelligence, making sure that changes in the network device policies achieve your intent.

Assurance: Monitor, identify, and react in real time to changing network and wireless conditions. Cisco DNA Center uses your network's wired and wireless devices to create sensors everywhere, providing real-time feedback based on actual network conditions. The Cisco DNA Assurance engine correlates network sensor insights with streaming telemetry and compares this with the current context of these data sources. With a quick check of the health scores on the Cisco DNA Center dashboard, you can see where there is a performance issue and identify the most likely cause in minutes.

Extend ecosystem: With the new Cisco DNA Center platform, IT can now integrate Cisco® solutions and third-party technologies into a single network operation for streamlining IT workflows and increasing business value and innovation. Cisco DNA Center allows you to run the network with open interfaces with IT and business applications, integrates across IT operations and technology domains, and can manage heterogeneous network devices.

Cisco Services

Accelerate your intent-based networking journey with Cisco services for enterprise networks. Our lifecycle of advisory, implementation, software integration, optimization, managed, technical, and IT training services help you migrate with ease and confidence. Cisco DNA Center Advise and Implement services help ensure rapid and secure deployment of Cisco DNA Center for simplified control of wired and wireless environments. By extending Cisco DNA Center platform capabilities and using an architectural approach to policy automation and assurance, this service helps you manage, scale, and securely integrate Cisco DNA Center with IT and business systems.