



Accelerate Migration to Unified Fabric with Cisco Nexus Services

LOWER COSTS AND INCREASE BUSINESS AGILITY

Cisco Nexus™ Services can help you realize the full potential of your data center networking infrastructure by accelerating your migration to Cisco Nexus switches.

Today's business and technology trends have created a need for optimized switches specifically built for the data center. Cisco Nexus switches offer the latest in next-generation switching innovations that enable efficient virtualization, high performance computing, and unified fabric – the convergence of LANs and SANs. Cisco Nexus switches offer high scalability, performance, resiliency, management simplicity, and optimized capabilities, as well as smart virtual machine networking. These innovations help lower total cost of ownership and increase business agility.

Whether your business goal is data center consolidation or build-out, business continuity, or improved regulatory compliance, Cisco Services accelerate your transition to a highly scalable Nexus platform that supports unified fabric and lays the foundation for a next-generation data center.

How Does Cisco Services Support Nexus Migration and Optimization?

Cisco Services provide streamlined access to subject matter experts who work collaboratively to help you migrate to a Cisco Nexus platform. As shown in Figure 1, Cisco uses a proven, step-by-step methodology and leading practices to minimize risk and speed your migration. Cisco Services can also help you develop a data center switching strategy, optimize your switching solution as your data center evolves, and maintain operational efficiency.

For example, Cisco experts can help you plan and design for consolidating current server fibre channel and Ethernet interfaces into a new 10-Gigabit Ethernet/Fibre Channel over Ethernet (FCoE) environment or plan, design, and implement a SAN infrastructure. With Cisco Data Center Optimization Service for Unified Fabric Nexus, our experts provide ongoing help to virtualize your resources over a unified switching fabric integrating applications, servers, and storage. With Cisco SMARTnet Service, you have ongoing direct, anytime access to Cisco engineers for rapid issue resolution, device-by-device coverage, and premium service options for operational efficiency.

Figure 1. Migration Assessments, Strategy, and Planning Process Flow



A Snapshot of Services Available for the Cisco Nexus Family

Cisco Data Center Plan and Build Services for Nexus, Formerly Known as Nexus Planning and Design Service

- Create a more scalable, efficient, and resilient data center architecture based on Nexus switches
- Help develop a management strategy for advanced features and transfers knowledge to your server, network, and storage staffs
- Service activities: define an architecture to meet your business and technical goals, evaluate the gaps between your current infrastructure and your desired architecture, and provide recommendations to achieve your goals

Cisco Data Center Optimization Service for Unified Fabric Nexus

- Utilizes a Nexus solution for virtualizing resources over a unified switching fabric
- Helps analyze, improve, and optimize your Nexus solution while supporting data center transformation
- Maintains a high level of performance and operational efficiency during data center evolution
- Service Activities: strategy and architecture assessment; networking optimization, including application distribution and delivery, application network performance, and unified fabric switching; storage optimization

Cisco SMARTnet Service

- Provides direct, anytime access to Cisco engineers for rapid issue resolution and device-by-device coverage
- Helps resolve issues for improved productivity and operational efficiency
- Service activities:
 - Around-the-clock global access to the Cisco Technical Assistance Center (TAC)
 - Access to the extensive Cisco.com knowledge base and tools
 - Next-business-day hardware replacement (premium options available for business-critical devices, such as 2-hour replacement and onsite parts replacement and installation)
 - Ongoing operating system software updates and upgrades
 - Cisco NX-OS Software support
 - Proactive diagnostics and real-time alerts

Benefits

Cisco Nexus Services help you plan, design, implement your migration to a next-generation, innovative switching solution and take advantage of high performance technologies, such as 10 Gigabit Ethernet and Unified Fabric. Its benefits include:

- Deploying Cisco switching and networking solutions on time and on budget
- Quickly resolving planning and design issues to reduce migration risk

- Enabling minimal operational disruption for less impact on staff and training
- Simplifying operations and management for lower costs and higher asset utilization/consolidation
- Implementing, optimizing, and maintaining a next-generation switching solution with virtualization fluency
- Enhancing in-house skills through training and knowledge exchange with Cisco experts

Why Cisco Data Center Services?

Today, the data center is a strategic asset in a world that demands better integration among people, information, and ideas. Your business and your data center work better when technology products and services are aligned with your business needs and opportunities. Cisco and our industry-leading partners deliver intelligent, personalized services that accelerate the transformation of your data center. Using a unique, network-based perspective and a unified view of data center assets, Cisco takes an architectural approach to help you efficiently consolidate, virtualize, and manage data center resources. Cisco Data Center Services help transform, optimize, and protect your data center to reduce costs, deliver high availability, and improve application performance.

For More Information

To learn more visit <http://www.cisco.com/go/dcservices> or contact your Cisco service account manager.

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Cisco services. smarter *together*