Cisco Data Center Optimization Services

IMPROVE YOUR DATA CENTER WITH FLEXIBLE OPTIONS AND A BIG-PICTURE VIEW

Cisco Domain Ten and Data Center Optimization Services

We developed the Cisco Domain Ten℠ framework as a simple way for you to understand the 10 major areas that your organization must consider to successfully transform the data center into a more agile, cost-effective business resource. Cisco Domain Ten covers all of the important aspects of infrastructure, virtualization, and automation to help map your transformation, whether you want to take advantage of virtualization or move to cloud. In addition to technology services, the framework covers security, compliance, process, and governance service offers for a complete, holistic data center optimization solution.

Cisco Data Center Optimization Services are part of a lifecycle plan-build-manage architecture-based approach that optimizes performance, security, and governance for applications, servers, and storage over a unified fabric. You gain a holistic view of your data center functional areas to incorporate and improve Cisco’s transformational technologies. The resulting consolidated and optimized solution offers dynamic efficiencies that accelerate savings and makes your data center easier to manage and scale.

Cisco and our partners provide optimization solutions to enable secure, on-demand, and highly efficient automated data center operations for both virtual and physical infrastructure across each area of Domain Ten. This broader view allows for greater consolidation and application performance from our unified hardware systems. Our services portfolio also excels in providing best-in-industry people, process, and practices, giving you the flexibility to optimize your data center by selecting customizable individual supporting service packages, organized by technology and solution.

How You Can Benefit

By turning your data center into an integrated system with a holistic operational view, Cisco Data Center Optimization Services can help you:

- Align people, processes, and tools to speed deployment and reduce costs
- Create a more reliable, automated application environment that reduces downtime and increases productivity
- Improve the performance of business-critical applications and services
- Reduce operational costs
- Increase scalability to meet growing functional requirements with fewer hardware additions and software changes
- Quickly absorb and take advantage of technology innovations such as virtualized desktop services and cloud services

Cisco experts will collaborate with you to make recommendations, develop detailed design standards, and evaluate your applications’ ability to meet future requirements. We also provide recurring analyses of performance data and configurations from your network devices to give you a continuous, strategic view of your data center, while optionally providing ongoing learning for your staff.

Which Service Is Right for You?

With Cisco Data Center Optimization Services, you have the flexibility to select customizable individual supporting service packages, organized by technology and solutions for specific areas of your data center. You can customize your services by selecting from a broad range of standard and optional activities and deliverables.

Our optimization services include:

- **Strategy and Architecture** services help you evaluate your data center landscape and deliver a plan to transform, virtualize, consolidate or grow, and automate your platform.
- **Cloud Optimization** helps you understand the current state of your technology and operations management architectures. We also identify any necessary changes to help you transition to a cloud operational model that will enable infrastructure as a service (IaaS).
- **Desktop Virtualization Optimization** provides primary performance and usage metrics for your desktop and application environments. We review best practices to support growth, improve productivity and IT operational processes, accelerate change, and develop a future deployment roadmap, including architecture recommendations.
- **Unified Networking Services Optimization** helps you better manage the availability and performance of distributed applications and gain a methodology for ongoing operational excellence, including annual assessments, support, and learning.
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- **Unified Computing Optimization** evaluates how to improve the performance and efficiency of your server capacity. We analyze application requirements, trends, procedures, capacity patterns, and security needs to make recommendations about optimal, secure, and resilient architectures. To facilitate virtualization of your server environment, this service also supports Cisco Nexus® 1000V and VMware products.

- **Unified Fabric Optimization** assesses how to improve efficiency and performance using the unified fabric and provides an ongoing methodology for operational excellence that includes annual assessments, support, and learning.

- **Storage Area Network (SAN) Optimization** uses annual assessments, support, and learning for planned initiatives and newly released features to make the best use of data center assets, in addition to reducing the number of disparate SANs.

- **Intelligent Automation** provides assessment and support services to automate your environment for cloud computing, application workload scheduling, and data center and network operation automation. We standardize, unify, and automate best practices for IT processes and application workload scheduling in complex, heterogeneous environments.

- **Operations Enhancement** provides review and standardization of operational process by providing recommended best practices to operate a Cisco UCS® environment to increase agility, availability, and operational efficiency. We simplify your operational process to enhance the Cisco UCS environment and increase performance by using best practices.

- **Application Workload Automation** provides a hardware and application assessment and tuning, along with a health check, to facilitate proper changes in a Tidal Enterprise Scheduler environment. We also provide ongoing (reactive) consultative support as your needs dictate.

- **Network Operations Automation** automates proactive and reactive network operations tasks, integrating Cisco best practices with your operational process and tool environment. We also provide ongoing (reactive) consultative support as needed.

**Why Cisco Services?**

Realize the full business value of your technology investments with smart, personalized services from Cisco and our partners. Cisco Services enable you to successfully plan, build, and manage your network as a powerful business platform.

Cisco delivers the intelligent network that listens, learns, and responds, helping your people work better together and creating better experiences.

**Next Steps**

- Cisco Data Center Optimization Services, offered as an annual subscription service, are widely available. To learn about the broad array of Cisco Services for your data center, visit [www.cisco.com/go/dcservices](http://www.cisco.com/go/dcservices) or contact your local Cisco account manager or Cisco Certified Partner.