Cisco Domain Ten
A Framework for Your IT Transformation

Your business must run efficiently, securely, and competitively. Your data center should, too. What if you could apply your business strategy to your decisions about technology? Or increase your focus on the IT activities with the biggest effect on business outcomes? With the Cisco Domain Ten® framework, we can help you develop a plan for IT transformation that meets these goals and unlocks your organization's true potential.

The Cisco Domain Ten framework gives you an end-to-end view of the key elements, or domains, in your data center and IT infrastructure. Based on our experience guiding clients through a wide range of IT initiatives, the Cisco Domain Ten framework helps you plan your IT transformation (Figure 1). In a Cisco Domain Ten workshop, we'll map your IT capabilities directly to your business objectives, helping you clearly identify the areas you need to address. The outcome of the Cisco Domain Ten workshop is a two- to three-year roadmap with the steps you need to take to meet your goals.

The Cisco Domain Ten workshop uses a structured, vendor-agnostic approach to planning and executing IT transformation. It guides your discussions, assesses your capabilities, and focuses on the solutions that can help you meet your desired business outcomes. And because it addresses multiple layers that must be strategically aligned during IT planning and deployment, the Cisco Domain Ten framework is invaluable for planning a transition to public, private, or hybrid clouds.

The Cisco Domain Ten framework brings value to:

- All types of organizations, from enterprises to small and midsized businesses, public sector entities, and service providers
- All levels and every key decision maker in an organization, from CXOs to line-of-business (LOB) managers
- All IT projects, from automating key services and data center consolidation, to virtualization and analytics. It addresses application migration, operations and security concerns, as well as architecture and technology refreshes

Because IT must respond to the needs of the entire business, we encourage participation from outside the traditional domains of network, computing, and storage. With the participation of finance, operations, security, and application owners, for example, Cisco Domain Ten workshops help promote discussion and better understanding of each other's goals and needs. The result is better decisions, better roadmaps, and better strategies.

If the cloud is right for your business, do you know how to move to it efficiently and cost effectively? The Cisco Domain Ten framework can help you analyze your current IT environment to understand which applications are right to move to the cloud. And it can help you discover where you may need to modify your data center. The decisions you make may have far-reaching implications, but the Cisco Domain Ten framework can help to clarify how you can and should proceed. And if the cloud is not right for you now, the Cisco Domain Ten framework will help you determine that, too. It can serve as a model for determining and developing the right path for evolving your technology.

Get the Most from Your IT Investment

Based on our experience with workshops across all industries and company sizes, we've found that customers have been able to achieve tangible business benefits through the Cisco Domain Ten framework.

For example, the Cisco Domain Ten framework can help you:

- Gain a comprehensive understanding of the current state of your IT, from infrastructure to security, and from operations to applications

- Pinpoint critical challenges for your organization, such as security, shadow IT, data center optimization, and application mobility to a public or private cloud infrastructure

- Map IT to business outcomes such as speed to market, flexibility, and increased availability

- Optimize your data center and move successfully along your cloud journey

- Apply industry best practices to reduce risk during transformation and deliver greater business impact

Figure 1.   The Cisco Domain Ten Framework Covers All the Main Elements Needed for IT Transformation
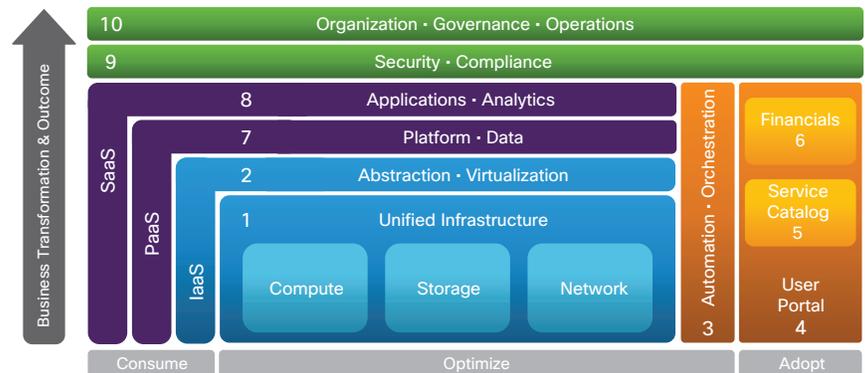
Is Your Data Center Ready for Change?

Data centers need to accommodate the emerging trends of big data and analytics, the Internet of Everything, cloud services, BYOD, mobility, and threats to security. And data centers need to respond to your stakeholders demands for more data, when and where they need it, from any potential source.

As a result, data centers must be more accessible and more protected. They have to handle more complex applications and be simpler to manage and more economical to operate. They must be able to do more with less.

The Cisco Domain Ten framework can help you simplify your data center with an efficient infrastructure that simplifies operations and lowers costs. If you're considering virtualization of your network or data, or moving to a cloud-based infrastructure, the Cisco Domain Ten framework can show you how changes in one domain will affect others.

Cloud computing is one example of how you can benefit from the Cisco Domain Ten workshop. Cloud computing can help you:

- **Reduce** IT complexity
- **Increase** flexibility and elasticity of IT resources
- **Free** IT staff to focus on strategic needs
- **Cut CapEx** through use of consumption-based IT services
- **Create** access to on-demand services
- **Accelerate** application deployment

What Others Have Said

"Cisco brought all of this worldwide knowledge to the table, and then helped us develop an architectural blueprint suited to our needs."

Matthew Maw
General Manager,
Technical Systems, Tatts Group Ltd.

According to IDC analysts and buyers' perceptions, Cisco is an IDC MarketScape "Major Player" worldwide for Cloud Professional Services and DataCenter Tranformation Consulting and Implementation Services in 2014 and a "Worldwide Leader" for Datacenter Hardware Support Services in 2013.

- IDC MarketScape: Worldwide Cloud Professional Services, Please note this document expires August 2015.

- IDC MarketScape: Worldwide Datacenter Hardware Support Services 2013 Vendor Assessment, Document 244862, December 2013. This document will be updated in December 2015.

- IDC MarketScape: Worldwide Datacenter Transformation Consulting and Implementation Services 2014 Vendor Assessment, A subscription is required to access the report.

Beginning with our own IT transformation at Cisco, Cisco® Services has helped deliver IT and organizational transformation. With IT budgets flat or decreasing, Cisco's cloud-led IT transformation has supported more than 45 acquisitions, new data center builds, and a 65,000-mobile device BYOD project while reducing TCO by 65 percent and cutting the time to deploy new servers from 8 weeks to 7 minutes. Cisco Services led this unique IT transformation and has harnessed insights that have helped us deliver successful IT transformations to many Cisco clients. Read more here about Cisco's own data center and cloud transformation.

Cisco Domain Ten Defined

Table 1 summarizes the main features of the Cisco Domain Ten framework.

Table 1. Overview of Cisco Domain Ten

Area	What It Is	Sample Questions or Concerns You May Have Applicable to This Domain
Cisco Domain Ten (overall)	End-to-end IT, from infrastructure components (network, storage and computing) to applications, security, operations, and automation.	How is our technology supporting our business? How do we get the most value from our existing and upcoming IT investments? Is moving to the cloud right for us, and how do we implement a move?
Domain 1: Unified Infrastructure	Includes active computing, storage, and networking resources and supporting facilities such as power and cooling equipment.	What are our most pressing foundational constraints? What can we do to speed up implementation? How can we standardize our hardware?
Domain 2: Abstraction and Virtualization	The layer that exists on top of the physical infrastructure and facilities, allowing more efficient sharing of the physical resources that reside underneath.	What opportunities do we have to virtualize? Which of our workloads cannot be virtualized?
Domain 3: Automation and Orchestration	The software component for automated workflows within the abstracted layer on top of the standardized infrastructure. It allows IT to automate manual processes and orchestrate a sequence of workflows.	Why isn't our automation working better? Which manual processes could we automate? Which automation tools should we use?
Domain 4: User Portal	The software component and the governance that sits behind it. This is where the consumer of the services interacts with the cloud.	How can we help our workforce be more self-sufficient? How do users request services now? How should we design our user interface so it will be easy to use?
Domain 5: Service Catalog	The list of services that will be provided by the cloud infrastructure. Governance must be tied to how these services get created and what services are entered into the catalog.	How do we define services? What types of services do we offer and plan to offer? Which services should we make available first?

Next Steps

To learn more about how Cisco Domain Ten can help you transform your IT and business results, visit http://www.cisco.com/go/domainten. Contact your Cisco account team to schedule your Cisco Domain Ten workshop today.

Area	What It Is	Sample Questions or Concerns You May Have Applicable to This Domain
Domain 6: Financials	The costs and benefits for the services provided through the cloud. Chargeback within a cloud infrastructure allows accurate utility-based billing for services consumed through the cloud.	How do we allocate IT costs? How are the costs of services accounted now? How do we represent the value of IT to the business?
Domain 7: Platform and Data	Where data center elements — operating systems, middleware, databases, and all the unstructured data — are accessible on top of the infrastructure.	How can we standardize, rationalize, and automate our software and big data platform?
Domain 8: Applications and Analytics	Refers to applications and data analytics that run on top of the platform and/or virtual or physical infrastructure.	What are the financial trade-offs if we move to the cloud? What are our priority applications for migrating? What constraints affect our application decisions?
Domain 9: Security and Compliance	Essential to supporting new and innovative IT operating models. Security must be reevaluated and operating models and infrastructures must meet new compliance requirements facing customers.	How have we prepared to address our business' security requirements for our target environment? What concerns do we have around segmentation, threat defense, and visibility for our target environment?
Domain 10: Organization, Governance, and Operations	Covers all domains in a transformed data center environment. Many organizational structures and processes are not designed to take advantage of automation and cloud capabilities and therefore need to be redesigned to promote the business benefits of cloud.	Which processes will we need to add to manage the cloud environment? Who will determine these? What organizational changes will need to be made to manage a less siloed infrastructure?

Why Cisco?

The Cisco Domain Ten framework can help you transform IT to meet your organization's needs. With our experience in the heart of the data center and network, Cisco has the exceptional ability to comprehensively and accurately examine your technology and business goals to deliver a solution that addresses both.

And after developing your strategy and roadmap, you can benefit by deploying solutions based on Cisco products and services. Delivered by Cisco and our partners, our solutions have produced measurable business gains for our global customers: 15 to 20 percent faster time to revenue, 30 percent lower infrastructure costs, 50 percent faster disaster recovery, and 90 percent reduction in deployment time.