

## Cisco Lean Retail Architecture Planning and Design Service

Accelerate Planning and Deployment of a Lean Retail Architecture in Your Data Center

### Service Overview

Retailers are under tremendous competitive pressure to continuously innovate and reduce costs. Many are looking for ways to deploy new applications while making better use of existing investments, improve customer service, and decrease time spent on maintenance and upgrades. Retailers must rethink their architecture to meet their vision of a nimble, secure, and agile network.

Data center networks are critical to increasing service levels, reducing operating costs, and readily supporting expanding business requirements. A lean retail architecture can help retailers achieve these goals and simplify and automate their operations.



The Cisco Lean Retail Architecture Planning and Design Service helps you to:

- Implement a next-generation data center strategy that increases efficiency without disrupting business operations
- Improve application responsiveness at the store level
- Increase server and storage utilization and reduce capital expenditures through virtualization
- Reduce server and application investments required to open new stores

### Services to Help Create a Lean Retail Architecture

The Cisco® Lean Retail Architecture Planning and Design Service helps improve end-to-end systems management by speeding the identification and resolution of planning and design issues. It also helps ensure the data center infrastructure is scalable and able to meet future applications requirements.

The Cisco Lean Retail Architecture Planning and Design Service helps you plan and deploy a more flexible data center architecture. By moving applications from the store into the data center, consolidating servers, and virtualizing storage resources, you can integrate new applications more readily and lower ongoing operating expenses. The Cisco Lean Retail Architecture Planning and Design Service helps you build next-generation data center architecture and efficiently incorporate Cisco data center products and solutions into your data center environment.

The Cisco Lean Retail Architecture Planning and Design Service provides a solution to the most pressing business issues facing retailers.

The Cisco Lean Retail Architecture Planning and Design Service is delivered by a cross-functional team of experts. We use proven methodologies to help you define a customized, validated solution architecture that fits your unique requirements and reduces the risk of implementing new technologies. Our goal is to understand and help you achieve your data center vision.

The Cisco Lean Retail Architecture Planning and Design Service helps you design an architecture that can include the Cisco Application Control Engine (ACE), Cisco Wide Area Application Services (WAAS), Cisco SAN, and Layer 2/Layer 3 solutions. Cisco ACE helps provide server load balancing, Extensible Markup Language (XML) acceleration, and security across your data center server farm. Cisco WAAS helps improve the performance of applications running in the data center to provide LAN-like speeds over your WAN. Incorporating these solutions and moving applications from your stores to the data center can help you increase your business agility and help lower operating expenses.

The Cisco Lean Retail Architecture Planning and Design Service include the following service components that help you accelerate deployment of the Cisco ACE, Cisco WAAS, Cisco SAN, and Cisco Layer 2/Layer 3 solutions that are part of your Lean Retail Architecture solution:

- Network assessment
- Network design
- Proof of concept/pilot
- Implementation and migration plan
- Implementation support
- Migration support
- Knowledge transfer

You can customize this planning and design service to fit your requirements by selecting the service options you need. Table 1 describes the activities and deliverables available:

**Table 1.** Lean Retail Architecture Planning and Design Service Activities, Deliverables, and Benefits

Activity and Deliverables	Benefits
<p><b>Network Assessment</b></p> <ul style="list-style-type: none"> <li>• Develop a strategy and vision for Lean Retail Architecture in your environment</li> <li>• Evaluate the return on investment (ROI)</li> <li>• Create a roadmap to help you evolve your data center</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the gaps between your current operational environment and the next-generation Lean Retail Architecture for store and data center</li> </ul>
<p><b>Network Design</b></p> <ul style="list-style-type: none"> <li>• Conduct a high-level review of your network and make recommendations</li> <li>• Develop a detailed design that includes Layer 2/Layer 3 technologies, as well as Cisco ACE, WAAS, and MDS solutions</li> </ul>	<ul style="list-style-type: none"> <li>• Design an architecture that interoperates with the current infrastructure and optimizes WAN from store to data center</li> <li>• Delivers an architecture that consolidates server from stores to the data center</li> </ul>
<p><b>Proof of Concept/Pilot</b></p> <ul style="list-style-type: none"> <li>• Validate recommended designs in a structured lab environment</li> <li>• Get a detailed test plan</li> </ul>	<ul style="list-style-type: none"> <li>• Mitigate risk by validating the critical pieces of your network design</li> </ul>
<p><b>Implementation and Migration Plan</b></p> <ul style="list-style-type: none"> <li>• Provide step-by-step procedures for implementation or migration</li> <li>• Recommend configuration of Cisco L2/L3, ACE, WAAS, and SAN products</li> <li>• Create a migration plan that outlines configuration and topology changes</li> <li>• Assess hardware and software resources and make recommendations</li> <li>• Recommend implementation or migration sequence and scheduling</li> <li>• Assess the affects of changes on your existing environment and architecture</li> </ul>	<ul style="list-style-type: none"> <li>• Prepare for implementation of your solution</li> <li>• Plan a transparent migration from your existing architecture to an optimized architecture</li> <li>• Prepares network and storage infrastructure to take full advantage of consolidated and WAN optimized architecture</li> </ul>

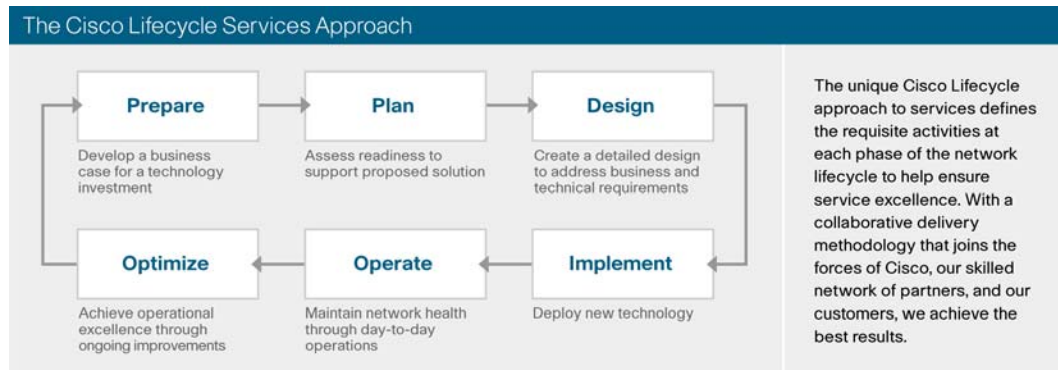
Activity and Deliverables	Benefits
<b>Implementation Support</b> <ul style="list-style-type: none"> <li>• Help improve implementation success by receiving support before, during, and after implementation</li> <li>• Get onsite or remote support for implementation of the recommended solutions and integration of the Cisco products and solutions into your environment</li> </ul>	<ul style="list-style-type: none"> <li>• Successfully deploy your new solution</li> </ul>
<b>Migration Support</b> <ul style="list-style-type: none"> <li>• Receive expert support as you migrate your data center to a Cisco Lean Retail Architecture environment</li> <li>• Get onsite or remote assistance for the migration</li> </ul>	<ul style="list-style-type: none"> <li>• Help ensure a smooth and successful transition</li> </ul>
<b>Knowledge Transfer</b> <ul style="list-style-type: none"> <li>• Helps provide knowledge and skills about operating and optimizing your solution</li> <li>• Get informal onsite training throughout the project and access to Cisco Technical Knowledge Libraries</li> </ul>	<ul style="list-style-type: none"> <li>• Bridge skills gaps between server, network, and storage staff within your IT organization</li> </ul>

## Why Cisco Services

Cisco Services make networks, applications, and the people who use them work better together.

Today, the network is a strategic platform in a world that demands better integration between people, information, and ideas. The network works better when services, together with products, create solutions aligned with business needs and opportunities.

The unique Cisco Lifecycle approach to services defines the requisite activities at each phase of the network lifecycle to help ensure service excellence. With a collaborative delivery methodology that joins the forces of Cisco, our skilled network of partners, and our customers, we achieve the best results.



## Cisco and Partner Expertise

Cisco and our partners use leading practices and proven methodologies to help you quickly and efficiently plan and deploy a high-performance, resilient, and scalable architecture for your retail operation. The Cisco Lean Retail Architecture Planning and Design Service is delivered by engineers, solution architects, and partners who hold a wide array of industry certifications and are subject matter experts in business and technology architecture and data center technologies. They have direct experience in planning, designing, and supporting retail solutions as well as Cisco ACE, WAAS, and SAN solutions. Our product and technology expertise is continually enhanced by hands-on experience with real-life networks and broad exposure to the latest technology and implementations.

## Benefits

The Cisco Lean Retail Architecture Planning and Design Service helps you to:

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## Availability

The Cisco Lean Retail Architecture Services are widely available. Contact your local service account manager for availability information in your area.

## For More Information

For information about other data center services, visit [www.cisco.com/go/dcservices](http://www.cisco.com/go/dcservices) or contact your Cisco account manager.

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