Cisco Network Architecture Services

Enable the transition to the next phase of your borderless network evolution using Cisco leading practices and a proven architectural process.

Security | Routing and Switching | Wireless

Borderless Network Architecture

The borderless network brings routing, switching, security, and wireless technologies together to enable you to expand geographically, embrace new business models, and promote innovation.

Cisco Network Architectural services enable your transition to the next phase of your borderless network evolution by helping you to:

- Translate IT strategy and conceptual architectures into technology solutions
- Establish a comprehensive security architecture and extend the secure network perimeter
- Design a highly available converged architecture
- Scale beyond IPv4 address limitations while protecting existing network, server, and application investments
- Optimize your architecture to scale to future growth requirements

Network Strategy and Architecture Workshop

This multiday workshop focuses on creating a strategic architectural vision by aligning business requirements, IT strategy, and a conceptual Borderless Network Architecture.

This vision is the foundation for planning for medium- and long-term business growth and for making sure that your network is anoptimal platform for advanced business applications.

Typical deliverables include:

- Capture and review business requirements and IT strategy at a high level
- Capture and review the core, wireless, and security network subdomains in the current-state network at a high level; analyze and rate them against current best practices
- Formulate a conceptual Borderless Network Architecture

Network Architecture Discovery Service

This multiday service provides guidance in analyzing the merits of various technology options and solutions in support of a borderless network strategy. Typical deliverables include:

- Introduce the value of a borderless network to your organization
- Discuss your business and technology requirements
- Review your current infrastructure and security strategy
- Document recommendations to move toward a borderless network

Network Architecture Assessment Service

This service reviews your current network architecture and identifies areas that need updating to successfully transform to a borderless network. Through an eight- to ten-week engagement, we will work with your team to generate a networking strategy and roadmap based on assessment results.

Service activities and deliverables include:

- Analyze and document your business profile, requirements, and target network success metrics relative to Cisco leading practices
- Assess your current architecture, including:
  - The high-level design for your routing and switching infrastructure
  - Current wireless LAN performance, traffic, and configurations
  - Existing network security architecture
- Develop a high-level converged network assessment and architecture strategy document identifying technologies and solutions to achieve business and network goals, encompassing routing and switching, wireless, and security technologies

Network Architecture Planning and Design Service

When you have a network roadmap and strategy and are ready to proceed with detailed design and implementation, this four- to five-month engagement provides the guidance and leading-practice expertise to help you succeed.

This service includes the first two activities and deliverables of the Network Architecture Assessment Service (analysis of your business profile, requirements, and metrics, and assessment of your current architecture), plus the following:

- Map your business objectives and technical requirements to a proposed high-level network architecture design
- Create an adoption schedule that includes the sequence of events to introduce new hardware and protocols into the network with associated recommended timelines to help ensure stability and functionality
- Translate your high-level design into a detailed design by developing low-level configuration templates, logical and physical topology diagrams, and checklists
- Provide consultative support and knowledge transfer sessions while you and/or your Cisco partner are implementing the architecture
- Validate WLAN and/or network security performance relative to design specifications after deployment

IPv6 Services

Enable your borderless network to scale beyond IPv4 address limitations while protecting existing network, server, and application investments. As your network expands beyond traditional boundaries and adds devices, applications, and users, Cisco IPv6 Services help you to develop a transition roadmap and maintain network readiness and stability during transition.

Cisco Network Architecture Services are available globally except in Japan. Service delivery details might vary by region. For more information, visit **www.cisco.com/go/services/borderless**.

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