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Cisco Software–Defined Access Advise and Implement Service

Scale policy, automation, and assurance

The demands on your IT workers continue to increase. Although a single IT worker might have once supported just 200 devices, today that worker might have to support as many as 100,000 devices. At the same time, digital transformation is forcing enterprises to search for new ways to enable digital capabilities, deliver IT services, and manage assets.

Digital transformation begins with the right network foundation. To capture the opportunities it offers, you must adapt constantly and evolve your network. We're moving toward a very different world, and you need a very different network to get there.

Cisco® Software-Defined Access (SD-Access) provides a transformational shift in building and managing networks: faster, easier, and with improved business efficiency. By decoupling network functions from hardware, SD-Access helps ensure policy consistency, enables faster launch of new IT services, and significantly improves resolution times with an open and extensible platform that simplifies operations.

The Cisco SD-Access Advise and Implement Service delivers industry-leading expertise to help you evolve your network smoothly and successfully to embrace digital transformation. You can count on Cisco to speed your deployment of SD-Access significantly, while also helping you anticipate and manage the risks associated with change.

Cisco Services benefits

- **IT and business alignment:** Innovate faster and simplify operations with a proven SD-Access solution ready for automation and assurance.

- **Operational excellence:** Scale innovation and accelerate results using predictive steps, state-of-the-art tools, and expert guidance.

- **Reduced risk:** Know that you're building your SD-Access solution on a solid foundation based on Cisco's deep experience and best practices.

Service overview

SD-Access, built on the principles of the Cisco Digital Network Architecture (Cisco DNA), easily integrates with your existing environment, delivering operational simplicity and increasing business agility. SD-Access addresses these challenges by enabling policy-based automation and assurance from the edge to the cloud. The SD-Access Advise and Implement Service helps you accelerate your journey to a digital-ready network. With proven experience, best practices, and innovative tools, Cisco Services work with you to easily manage, scale, and secure your SD-Access solution.

We work with your IT staff to select use-case requirements for SD-Access. We also assist with solution design, configuration, and testing, including rapid prototyping and lab validation. We can help derisk migration to SD-Access using a quality-assured process, state-of-the-art tools, and proven migration methodologies. Plus, we share our expertise via expert knowledge transfer to help your in-house team confidently manage and operate the SD-Access solution with ease.

As trusted advisors with global expertise and cross-domain technical skills, we work to implement and integrate the solution that meets your unique business needs. Our service helps you:

· Develop an SD-Access strategy and roadmap
· Implement a validated design that builds in performance, security, and reliability
· Define a strategic infrastructure segmentation approach to reduce risk
· Achieve operational excellence with optimization
· Accelerate solution implementation, with minimal disruption to your business
· Prepare your team to use the new solution with a knowledge transfer from Cisco experts
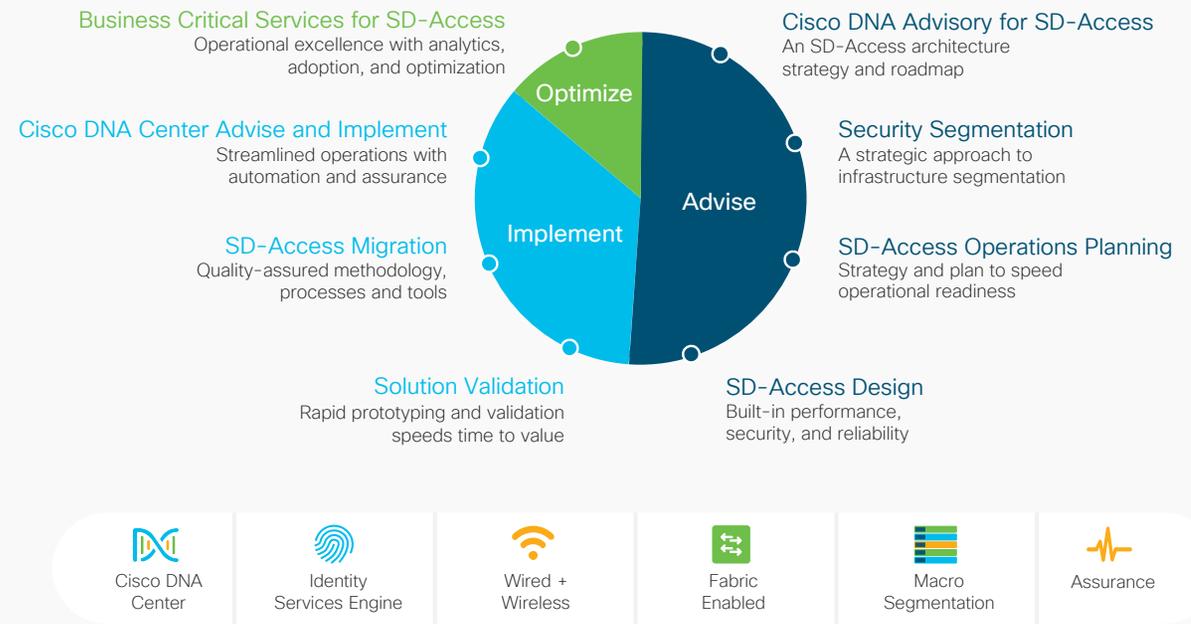
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SD-Access Advise and Implement Quick Start

Feeling pressure to deliver on time?
To help you rapidly deploy SD-Access, our Quick Start service provides planning, design, and implementation support for a limited-scope SD-Access deployment.

· Up to 8 fabric-enabled switches

· 1 Cisco DNA Center appliance

· 1 Cisco Identity Services Engine

· 1 wireless LAN controller

· Up to 10 wireless access points

· Up to 2 virtual networks

· Up to 4 IP address pools

· Up to 2 virtual networks
  (enclave macrosegmentation)

· Up to 2 groups/SGTs per virtual network
  (microsegmentation) enclave

· Up to 5 access control policies per group

· Up to 2 wireless LANs/Service Set
  Identifiers (SSIDs)

· Support for migration of up to 50 users
  or devices

Move easily to secure automation and assurance with the SD-Access services portfolio

Business Critical Services for SD-Access
Operational excellence with analytics, adoption, and optimization

Cisco DNA Center Advise and Implement
Streamlined operations with automation and assurance

SD-Access Migration
Quality-assured methodology, processes and tools

Optimize

Implement

Advise

Cisco DNA Advisory for SD-Access
An SD-Access architecture strategy and roadmap

Security Segmentation
A strategic approach to infrastructure segmentation

SD-Access Operations Planning
Strategy and plan to speed operational readiness

Solution Validation
Rapid prototyping and validation speeds time to value

SD-Access Design
Built-in performance, security, and reliability

| Cisco DNA Center | Identity Services Engine | Wired + Wireless | Fabric Enabled | Macro Segmentation | Assurance |

Why Cisco?

Applying our industry-leading methodology and tools, deep expertise, best practices, and established partnerships, Cisco Services deliver extraordinary outcomes to customers around the world. Count on us to help you proactively mitigate risk and focus on the needs of your business while embracing IT innovation such as the power of our SD-Access solution.

No matter where you are in your digital transformation journey, Cisco Services can help you align your business goals and operations with your IT vision.

Service capabilities

Our networking experts work to get your team and solution ready to deliver the results you expect. The service provides the following:

- **Cisco DNA Advisory for SD-Access:** Confidently prepare and plan for a successful deployment with strategy development, an assessment, and an SD-Access roadmap.
- **Requirements Development:** Define the technical strategy and use-case requirements for SD-Access.
- **Security Segmentation:** Build in security from the start, with a policy-based segmentation approach that protects the network, data, and applications.
- **Solution Design:** Avoid expensive rework by validating the required architecture, technology, and features with a custom design that delivers performance, security, and reliability.
- **Implementation:** Install and configure the SD-Access solution, including the Cisco Catalyst® 9k, Cisco DNA Center, security segmentation, Cisco Identity Services Engine, wireless access controllers, and wireless access points.
- **Migration:** Reduce migration risk with planning, integration, and validation that reduce the time to adoption.
- **Testing:** Validate operations and demonstrate successful use-case execution.
- **Operations Planning:** Prepare to operate and manage SD-Access with a detailed operations plan with procedures to help accelerate readiness.
- **Knowledge Transfer:** Train your IT staff with informal knowledge transfer throughout the engagement and a formal workshop with experts.

Next steps

For more information about the Cisco SD-Access Advise and Implement Service, contact your local Cisco account representative or visit https://www.cisco.com/go/enservices.