# Cisco: SD-Access Wireless Design & Deployment Training Course

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## Cisco: SD-Access Wireless Design & Deployment Overview:

Equip yourself with the knowledge and skills to navigate the world of Cisco's SD-Access Wireless solutions. Dive deep into the Software-Defined Access realm, explore the SD-Access Wireless architecture, and get hands-on with the 9800 Embedded Wireless LAN Controller EWC. This course combines the foundational aspects of Cisco network design with modern wireless deployment strategies, ensuring a comprehensive understanding for all participants. From the intricacies of Cisco DNA Center setup to the nuances of SD-Access policy guidelines, this course covers it all, providing a robust SD-Access Wireless training program tailored for professionals seeking excellence.

## Target Audience:

- Network Administrators and Engineers looking to understand SD-Access Wireless architecture
- IT Managers seeking insight into Cisco DNA Center setup
- Professionals interested in modern wireless deployment strategies
- Anyone pursuing Software-Defined Access certification

## Targeted Organizational Departments:

- IT and Network Infrastructure
- Technical Support & Help Desk
- Network Design and Deployment Teams

## Targeted Industries:

- Telecommunication
- IT Services and Solutions Providers
- Cloud Service Providers
- Enterprise IT Departments of large-scale organizations

## Course Offerings:

Participants will acquire skills and knowledge in:

- Comprehensive understanding of Software-Defined Access
- Mastery in SD-Access Wireless design and deployment
- Expertise in Cisco DNA Center setup
- Proficiency in SD-Access overlay provisioning and SD-Access policy guidelines
- Insights into wireless integration in SD-Access design and SD-Access Wireless guest access design

## Training Methodology:

Our training approach is centered around interactive sessions bolstered by real-world case studies, fostering an environment of active learning. Participants will engage in group work, dissecting challenges and formulating solutions in real-time. Each module is followed by feedback sessions, ensuring clarity and reinforcing knowledge. With the SD-Access Wireless online course component, learners can revisit concepts, enhancing retention.

## Course Toolbox:

- SD-Access Design workshop kits
- Cisco DNA Center tutorial videos
- Software-Defined Access certification prep material
- Checklists for migration from AireOS to C-9800
- Templates for SD-Access policy implementation

## Course Agenda:

### Day 1: Fundamentals & Architecture

- **Topic 1:** Introduction to Software-Defined Access
- **Topic 2:** SD-Access Wireless Overview
- **Topic 3:** Delving into SD-Access Wireless architecture
- **Topic 4:** AAA server per SSID: Why and How?
- **Topic 5:** SD-Access Design: Laying the Foundation
- **Reflection & Review:** Recapping the day's topics and focusing on the importance of software-defined access in modern network design.

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## Day 2: Setting Up & Migration

- **Topic 1:** Setting up SD-Access Wireless with Cisco DNA Center
- **Topic 2:** Understanding the RMA Process for Fabric wireless
- **Topic 3:** Migration Strategies: Transitioning from AireOS to C-9800
- **Topic 4:** An Exploration of the 9800 Embedded Wireless LAN Controller EWC
- **Topic 5:** In-depth look into SD-Access policy guidelines and implementation
- **Reflection & Review:** Discussing best practices for migration and setup for optimal wireless performance.

## Day 3: Advanced Design and Provisioning

- **Topic 1:** Peer to Peer Blocking in SD-Access: Configuration and Benefits
- **Topic 2:** SD-Access overlay provisioning: Techniques and Recommendations
- **Topic 3:** SD-Access Wireless - A Look Under the Hood: Internals and Mechanisms
- **Topic 4:** Designing the wireless integration in SD-Access for optimal performance
- **Topic 5:** Crafting the perfect SD-Access Wireless guest access design
- **Reflection & Review:** Analyzing the nuances of advanced design considerations in SD-Access.

## Day 4: Enhancing Network Performance

- **Topic 1:** Multicast in SD-Access Wireless: Best Practices and Techniques
- **Topic 2:** Strategies for High Availability in SD-Access Wireless
- **Topic 3:** Appendix: SD-Access Wireless features deep dive
- **Topic 4:** Insights into SD-Access overlay provisioning
- **Topic 5:** Effective Peer to Peer Blocking strategies in SD-Access
- **Reflection & Review:** Addressing queries related to ensuring high network performance and reliability.

## Day 5: Comprehensive Review & Advanced Features

- **Topic 1:** SD-Access Wireless Advanced Training: Tips and Tricks
- **Topic 2:** SD-Access Wireless Online Course Highlights
- **Topic 3:** Cisco Network Design: Integrating SD-Access Wireless Effectively
- **Topic 4:** Modern Wireless Deployment Strategies: A Cisco Perspective
- **Topic 5:** A Comprehensive Guide to SD-Access Wireless Features and Benefits
- **Reflection & Review:** Closing remarks, addressing questions, and setting the path for advanced Cisco networking training.

## How This Course is Different from Other Cisco: SD-Access Wireless Courses:

Unlike other courses, our "Cisco: SD-Access Wireless Design and Deployment" offers an amalgamation of theory, practical skills, and industry-relevant knowledge. With exclusive access to the latest Cisco SD-Access training updates, participants are always in sync with evolving trends. From beginners to those seeking advanced training, this course caters to all, ensuring every participant emerges as an SD-Access Wireless expert.

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# Training Course Categories

- Agile PM and Project Management Training Courses
- Certified Courses By International Bodies
- Communication and Public Relations Training Courses
- Data Analytics Training and Data Science Courses
- Environment & Sustainability Training Courses
- Finance and Accounting Training Courses
- Governance, Risk and Compliance Training Courses
- Human Resources Training and Development Courses
- IT Security Training & IT Training Courses
- Leadership and Management Training Courses
- Legal Training, Procurement and Contracting Courses
- Maintenance Training and Engineering Training Courses
- Marketing, Customer Relations, and Sales Courses
- Occupational Health, Safety and Security Training Courses
- Personal & Self-Development Training Courses
- Quality and Operations Management Training Courses
- Secretarial and Administration Training Courses

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# Training Cities

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| **Cairo**<br>Egypt | **Cape town**<br>South Africa | **Casablanca**<br>Morocco |
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| **Sharm El-Sheikh**<br>Egypt | **Singapore**<br>Singapore | **Tashkent**<br>Uzbekistan |
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| **Zoom**<br>Online Training | | |