



Cisco: SD-WAN Cloud scale architecture Training Course

07 - 11 Dec 2026
Cairo



Cisco: SD-WAN Cloud scale architecture Training Course

Ref.: 37_78389 **Date:** 07 - 11 Dec 2026 **Location:** Cairo **Fees:** 4100 **Euro**

Cisco SD-WAN Cloud scale architecture Overview:

This course is designed to provide a comprehensive introduction to Cisco's SD-WAN Cloud scale architecture. Dive deep into the benefits of Cisco SD-WAN and understand its components, security features, management tools, and much more. Whether you're looking to optimize cloud application performance, gain SD-WAN application visibility, or learn about direct internet access in SD-WAN, this course has got you covered.

Target Audience:

- Network Engineers
- IT Managers
- Systems Administrators
- Cloud Architects
- Anyone interested in SD-WAN technology

Targeted Organizational Departments:

- IT departments
- Cloud services teams
- Network Operations Center NOC
- Security operations teams

Targeted Industries:

- Telecommunications
- Cloud service providers
- E-commerce
- Banking and Financial Services
- Health care

Course Offerings:

Participants will acquire skills and knowledge in:

- In-depth understanding of SD-WAN Architecture.
- Mastering Cisco SD-WAN Platforms and its integration with Cloud.
- Implementing and monitoring security policies in SD-WAN.
- Enhancing application experience using SD-WAN.

Training Methodology:

This course employs a mix of theoretical sessions, hands-on lab exercises, group work, and interactive case studies. Participants will also get a chance to work on a Cisco SD-WAN case study, ensuring a practical understanding of the concepts.

Course Toolbox:

- Cisco SD-WAN software
- vManage Dashboard access
- Lab scenarios and templates
- Case studies and whitepapers
- SD-WAN troubleshooting tools

Course Agenda:

Day 1: Introduction to Cisco SD-WAN and Benefits

- **Topic 1:** Introduction to Cisco SD-WAN and its Importance
- **Topic 2:** Benefits of Cisco SD-WAN in Today's Networking Landscape
- **Topic 3:** Exploring the Components and Architecture of Cisco SD-WAN
- **Topic 4:** Cisco Platforms Supporting SD-WAN
- **Topic 5:** The Role of Cloud in Cisco SD-WAN
- **Reflection & Review:** Understanding the Significance of SD-WAN in Modern Enterprises

Day 2: SD-WAN Security and Application Experience

- **Topic 1:** A Deep Dive into SD-WAN Security Measures
- **Topic 2:** Importance of Secure Direct Internet Access
- **Topic 3:** Enhancing Application Experience through SD-WAN
- **Topic 4:** Tools and Techniques for Improving Application Experience
- **Topic 5:** The Role of Circuit Quality and Meeting SLAs
- **Reflection & Review:** The Integral Role of Security and Application Performance in SD-WAN



Day 3: SD-WAN Cloud Integration and Virtualization

- **Topic 1:** Optimizing Software-as-a-Service SaaS with SD-WAN
- **Topic 2:** Extending SD-WAN to Public Clouds: Benefits and Methods
- **Topic 3:** Leveraging Colocations in an SD-WAN Environment
- **Topic 4:** The Significance of Building a Virtualized Branch
- **Topic 5:** Diving into Network Functions Virtualization and Service Chaining
- **Reflection & Review:** Understanding the Interplay of Cloud and Virtualization in SD-WAN

Day 4: Compliance, Migration, and Operations

- **Topic 1:** Ensuring Compliance in SD-WAN Deployments
- **Topic 2:** Strategies and Considerations for Migrating to Cisco SD-WAN
- **Topic 3:** Simplifying Operations for Efficient SD-WAN Management
- **Topic 4:** Monitoring, Alerting, and Troubleshooting in SD-WAN
- **Topic 5:** Role of Analytics in Enhancing SD-WAN Operations
- **Reflection & Review:** Ensuring Smooth and Compliant SD-WAN Operations

Day 5: Advanced SD-WAN Concepts and Future Outlook

- **Topic 1:** Exploring Cisco SD-WAN APIs and their Relevance
- **Topic 2:** Embracing the Multi-domain Approach in SD-WAN
- **Topic 3:** The Future: SD-WAN Managed Services and Orchestration
- **Topic 4:** Multi-domain Interactions with SD-Access and Cisco ACI
- **Topic 5:** A Glimpse into the Future of SD-WAN and Upcoming Trends
- **Reflection & Review:** Synthesizing Knowledge and Preparing for the Future of SD-WAN

How This Course is Different from Other Cisco SD-WAN Courses:

Unlike other courses, "Cisco SD-WAN Cloud scale architecture" offers a blend of theoretical knowledge and hands-on experience. This course not only covers the foundational aspects but also dives deep into advanced topics like SD-WAN analytics, migration strategies, and cloud integrations. The inclusion of real-world case studies, cutting-edge tools, and interactive sessions sets this course apart.



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



Training Cities

Abu Dhabi UAE	Accra Ghana	Al Jubail Saudi Arabia
Amman Jordan	Amsterdam Netherlands	Athens Greece
Baku Azerbaijan	Bangkok Thailand	Barcelona Spain
Berlin Germany	Cairo Egypt	Cape town South Africa
Casablanca Morocco	Chicago USA	Doha Qatar
Dubai UAE	Frankfurt Germany	Geneva Switzerland
Istanbul Turkey	Jakarta Indonesia	Johannesburg South Africa
Kuala Lumpur Malaysia	Kuwait Kuwait	Langkawi Malaysia
Lisbon Portugal	London UK	Madrid Spain
Manama Bahrain	Marbella Spain	Milan Italy
Montreux Switzerland	Munich Germany	Muscat Oman
Nairobi Kenya	New York USA	Paris France
Phuket Thailand	Porto Portugal	Prague Czech Republic



Training Cities

Riyadh

Saudi Arabia

Rome

Italy

San Diego

USA

Seoul

South Korea

Sharm El-Sheikh

Egypt

Singapore

Singapore

Tashkent

Uzbekistan

Tbilisi

Georgia

Tokyo

Japan

Toronto

Canada

Trabzon

Turkey

Vienna

Austria

Zanzibar

Tanzania

Zoom

Online Training