Cisco: SD-WAN Cloud scale architecture Training Course

26 - 30 May 2026
Milan

AGILE LEADERS
Training Center

Cisco: SD-WAN Cloud scale architecture Training Course

Ref.: 37_40187 **Date:** 26 - 30 May 2026 **Location:** Milan **Fees:** 5700 **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.

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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

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

Training Course Categories

Marketing, Customer Relations, and Sales Courses

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WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.

AGILE LEADERS
Training Center

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