

Prisma SDWAN Training

COURSE CONTENT

GET IN TOUCH



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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Prisma SDWAN Training by Multisoft Systems is designed to help networking professionals gain expertise in building intelligent, secure, and cloud-driven WAN infrastructures using Prisma SD-WAN technology. The course provides in-depth knowledge of software-defined wide area networking concepts, centralized orchestration, application-aware routing, WAN optimization, and secure branch connectivity for modern enterprises.

Module 1: Introduction to SD-WAN and Prisma SD-WAN

- ✓ Traditional WAN vs SD-WAN
- ✓ SD-WAN fundamentals and benefits
- ✓ Overview of Prisma SD-WAN architecture
- ✓ Components of Prisma SD-WAN
- ✓ Enterprise networking challenges
- ✓ Cloud-driven WAN transformation
- ✓ Use cases and business applications

Module 2: Networking Fundamentals for SD-WAN

- ✓ TCP/IP and OSI model review
- ✓ IP addressing and subnetting
- ✓ Routing and switching basics
- ✓ VLANs and WAN technologies
- ✓ MPLS, broadband, and LTE connectivity
- ✓ Network segmentation concepts
- ✓ DNS and DHCP overview

Module 3: Prisma SD-WAN Architecture

- ✓ Controller and branch architecture
- ✓ ION devices and functions
- ✓ Hub-and-spoke and full-mesh topology
- ✓ Control plane and data plane
- ✓ Overlay networking concepts
- ✓ Multi-site deployment models
- ✓ High availability architecture

Module 4: Prisma SD-WAN Deployment

- ✓ Deployment planning and prerequisites

- ✓ Zero-touch provisioning (ZTP)
- ✓ Branch onboarding process
- ✓ Device registration and activation
- ✓ WAN interface configuration
- ✓ Initial network setup
- ✓ Deployment best practices

Module 5: Routing and WAN Connectivity

- ✓ Static and dynamic routing
- ✓ OSPF and BGP integration
- ✓ WAN path selection
- ✓ VPN and tunnel configuration
- ✓ Link redundancy and failover
- ✓ Multi-link management
- ✓ Traffic forwarding mechanisms

Module 6: Application-Aware Networking

- ✓ Application identification
- ✓ Application-based routing policies
- ✓ QoS implementation
- ✓ Traffic shaping and prioritization
- ✓ WAN optimization concepts
- ✓ Performance monitoring
- ✓ Real-time application visibility

Module 7: Centralized Management and Orchestration

- ✓ Prisma SD-WAN controller management
- ✓ Centralized policy configuration
- ✓ Device templates and profiles
- ✓ Configuration automation

- ✓ Role-based access control
- ✓ Monitoring dashboards
- ✓ Network analytics and reporting

Module 8: Security Integration in SD-WAN

- ✓ Secure WAN architecture
- ✓ Firewall integration concepts
- ✓ Secure internet breakout
- ✓ VPN security policies
- ✓ Network segmentation and micro-segmentation
- ✓ Threat prevention concepts
- ✓ Secure cloud connectivity

Module 9: Cloud and Data Center Connectivity

- ✓ SaaS and cloud application optimization
- ✓ Multi-cloud connectivity
- ✓ Hybrid cloud networking
- ✓ Data center integration
- ✓ Remote branch connectivity
- ✓ Cloud on-ramp concepts
- ✓ Secure cloud access strategies

Module 10: Monitoring and Troubleshooting

- ✓ Network performance monitoring
- ✓ Link health analysis
- ✓ Log management and alerts
- ✓ Troubleshooting connectivity issues
- ✓ Application performance troubleshooting
- ✓ Packet flow analysis
- ✓ Diagnostic and reporting tools

Module 11: High Availability and Network Optimization

- ✓ HA deployment models
- ✓ Load balancing techniques
- ✓ WAN optimization strategies
- ✓ Path conditioning concepts
- ✓ Business continuity planning
- ✓ Disaster recovery networking
- ✓ Performance tuning best practices

Module 12: Real-Time Projects and Practical Labs

- ✓ Enterprise branch deployment scenario
- ✓ SD-WAN policy implementation
- ✓ VPN setup and testing
- ✓ Traffic steering configuration
- ✓ Cloud connectivity implementation
- ✓ Monitoring and troubleshooting labs