IT-SPRI - Implementing Cisco Service Provider Advanced Routing Solutions

Cisco - CCNP Service Provider - Networking

Durata:	Lingue:	Certificazione:
5 Giorni	**Italiano**	**Cisco Certified Network Professional Service Provider**

Descrizione del corso

The **Implementing Cisco Service Provider Advanced Routing Solutions (SPRI)** course teaches you theories and practices to integrate advanced routing technologies including routing protocols, multicast routing, policy language, Multiprotocol Label Switching (MPLS), and segment routing, expanding your knowledge and skills in service provider core networks. **How You'll Benefit** This course will help you:
• Gain the high-demand skills to maintain and operate advanced technologies related to Service Provider core networks
• Increase your knowledge and skills for implementing Service Provider core advanced technologies though hands-on application and practical instruction
• Earn 40 CE credits toward recertification
• Prepare to take the 300-510 SPRI exam

Programma

- Implementing and Verifying Open Shortest Path First Multiarea Networks
- Implementing and Verifying Intermediate System to Intermediate System Multilevel Networks
- Introducing Routing Protocol Tools, Route Maps, and Routing Policy Language
- Implementing Route Redistribution
- Influencing Border Gateway Protocol Route Selection
- Scaling BGP in Service Provider Networks
- Securing BGP in Service Provider Networks

- Improving BGP Convergence and Implementing Advanced Operations
- Troubleshooting Routing Protocols
- Implementing and Verifying MPLS
- Implementing Cisco MPLS Traffic Engineering
- Implementing Segment Routing
- Describing Segment Routing Traffic Engineering (SR TE)
- Deploying IPv6 Tunneling Mechanisms
- Implementing IP Multicast Concepts and Technologies
- Implementing PIM-SM Protocol
- Implementing PIM-SM Enhancements
- Implementing Interdomain IP Multicast
- Implementing Distributed Rendezvous Point Solution in Multicast Network