



CCNP Service Provider

What is it?

The CCNP Service Provider certification validates the knowledge and skills network professionals are required to have in order to deliver a scalable carrier-grade infrastructure capable of rapid expansion to support ongoing introduction of new managed services and other customer requirements.

Why is it?

The Cisco Service Provider certification program covers the latest industry and Cisco Service Provider technologies deployed within a service provider infrastructure. The certification program specifically aligns to the actual job tasks of network engineers who configure, implement, troubleshoot, and optimize IP next-generation service provider networks. This certification program prepares these networks to offer intelligent and rapidly deployable managed services. The CCNP Service Provider curriculum lays the foundation for service provider network engineering job roles. The candidates will learn how to configure, verify, troubleshoot, and optimize routing policies and provide technical leadership to operations support personnel, as well as validation and optimization input to network design engineers.

How is it?

CCNP Service Provider Prerequisites – a valid CCNA Service Provider or any CCIE Certification.
The courses you need take to become Cisco CCNP SP certified are as follows –

- **Deploying Cisco Service Provider Network Routing (SPROUTE)**
- **Deploying Cisco Service Provider Advanced Routing (SPADVROUTE)**
- **Implementing Cisco Service Provider Next-Generation Core Network Services (SPCORE)**
- **Implementing Cisco Service Provider Next-Generation Edge Network Services (SPEDGE)**

SPROUTE The goal of the course is to train service provider network professionals on the techniques to plan, implement, and monitor a scalable IP routing.

SPADVROUTE This Instructor Lead Training course is #2 of 4. It will prepare students for the SPADVROUTE exam required for the new CCNP-SP Certification. This certification is designed to prepare students to work at the Professional level in a Service Provider environment.

SPCORE This Instructor Lead Training course is #3 of 4. It will prepare students for the SPCORE exam required for the new CCNP-SP Certification. This certification is designed to prepare students to work at the Professional level in a Service Provider environment.

SPEDGE This Instructor Lead Training course is #4 of 4. It will prepare students for the SPEDGE exam required for the new CCNP-SP Certification. This certification is designed to prepare students to work at the Professional level in a Service Provider environment.

