

Operational Foundations for Cisco Service Provider Core Networks v1.0

OFCN



Delivery Type: Classroom

Duration: 5 days

Overview

This five-day instructor led course is designed to introduce Tier 2 and Tier 3 personnel to the service provider network operations environment, processes-orientation, management tools and methods enabling them to practice the primary roles and tasks associated with Network Operations personnel.

The aim is to help prepare individuals for the Cisco CCNP® SP Operations certification exams, providing an excellent base of knowledge which delegates can build on when they attend the more focused additional courses within the professional level accreditation .

Certification

Recommended preparation for exam(s):

- ✓ 642-770- **OFCN** Operational Foundations for Cisco Service Provider Core Networks This course is part of the Cisco Certified Network Professional SP Operations Career Certification

Target Audience

The primary audience for this course is :

- ✓ Service provider network operations organisations, specific to Tier 2 network operations personnel.
- ✓ Cisco engineers motivated to pursue Cisco certifications focused on service provider NGN operations.
- ✓ All service provider operations customers, partners supporting service provider NGN environments, and internal Cisco engineers who wish to pursue Cisco professional or expert level service provider operations certifications.
- ✓ Cisco Build-Operate-Transfer (BOT) partners focused on service provider NGN networks, specific to the Tier 2 network operations personnel.

Pre-Requisites

Attendees should meet the following prerequisites:

- ✓ IP networking fundamentals, ICND1 recommended
- ✓ Operations process knowledge, represented by Enhanced Telecom Operations Map (eTOM) or Information Technology Infrastructure Library (ITIL®) training or recommendations

- ✓ Troubleshooting methodology knowledge or experience as applied to IP network environments
- ✓ UNIX or Linux operational system experience or general familiarity
- ✓ Have attended the Cisco SSPO course

Objectives

After completing this program, you will be able to:

- ✓ Describe service provider NGN technology trends and their impact on operational environments
- ✓ Describe the various NMS tools available to monitor networks and network devices
- ✓ Implement incident (event) management procedures
- ✓ Demonstrate fault management procedures
- ✓ Describe the configuration management process
- ✓ Demonstrate change management procedures
- ✓ Identify performance management procedures

Follow on Courses

The following courses are recommended for further study:

- ✓ MSPRP Maintaining Cisco Service Provider Routing Protocols
- ✓ MSPVM Maintaining Cisco Service Provider VPNs and MPLS Networks
- ✓ MSPQS Maintaining Cisco Service Provider Quality of Service

Further Information

Recertification :

Cisco professional level certifications (CCNP, CCNP Wireless, CCNP SP Operations, CCDP, CCSP, CCVP, and CCIP) are valid for three years. To recertify, pass any 642 exam that is part of the professional level curriculum or any CCIE/CCDE written exam before the certification expiration date.

Achieving or recertifying any of the certifications above automatically extends your active Associate and Professional level certification(s) up to the point of expiration of the last certification achieved.