

# Cisco Implementing Segment Routing on Cisco IOS XR (SEGRTE201)

**Duration:** 32.00 hours (4 days)

**26.0 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

The Implementing Segment Routing on Cisco IOS XR (SEGRTE201) v2.0 course covers the fundamental concepts of Segment Routing (SR), how to configure and verify segment routing within an Interior Gateway Protocol (IGP), and the interworking of Label Distribution Protocol (LDP) with segment routing. You will learn how to implement Topology-Independent Loop-Free Alternate (TI-LFA) using segment routing, and how to instantiate and verify segment routing traffic engineering policies. You will also learn how to implement segment routing within Border Gateway Protocol (BGP).

## About This Course

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# Who Should Attend

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Systems engineers

Network engineers

Field engineers

Technical support personnel

Channel partners and resellers

# Learning Outcomes

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**Upon successful completion of this course, participants will be able to:**

After taking this course, you should be able to:

Describe the key concepts of segment routing

Implement and verify IGP segment routing

Migrate an existing Multiprotocol Label Switching (MPLS) LDP-based network to segment routing

Implement and verify TI-LFA segment routing

Instantiate segment routing policies

Instantiate multidomain segment routing policies

Configure and verify BGP prefix segments and SR-based services

## Additional Course Details

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Nexus Humans Cisco Implementing Segment Routing on Cisco IOS XR (SEGRTE201) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Implementing Segment Routing on Cisco IOS XR (SEGRTE201) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for Cisco Implementing Segment Routing on Cisco IOS XR (SEGRTE201)?**

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
  - Traditional Instructor-Led Classroom Training (ILT)
  - On-site delivery at your offices anywhere in United Kingdom
  - Private dedicated courses customized for your team
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## **Q: How many CPD hours does this course provide?**

The 4-day Cisco Implementing Segment Routing on Cisco IOS XR (SEGRTE201) course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Cisco Implementing Segment Routing on Cisco IOS XR (SEGRTE201) training?**

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Cisco Implementing Segment Routing on Cisco IOS XR (SEGRTE201)?**

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Implementing Segment Routing on Cisco IOS XR (SEGRTE201). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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## Q: Why choose Nexus Human for Cisco Implementing Segment Routing on Cisco IOS XR (SEGRTE201)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024


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## Q: Are there any discount codes available?

Yes! Use discount code **PENPALS** when booking your Cisco Implementing Segment Routing on Cisco IOS XR (SEGRTE201) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

# Nexus Human

## Professional Training & Development

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