# Working with Spring REST (TT3358)

**Category:** Software Development & Programming | **Vendor:** Trivera Tech

**Duration:** 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

## Course Information

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| **Delivery Format:** | Instructor Led - Online |
| **Certification:** | Cisco Certified Specialist – Service Provider Advanced Routing |
| **Related Exam:** | 300-510 |

## Course Overview

Spring REST focuses on providing an understanding of the fundamental principles and technologies that are used in the development of RESTful services and clients. This understanding is critical to being able to diagnose, troubleshoot, tune, and perform other lifecycle activities.Working with Spring REST is a two-day, fast-paced coding course geared for experienced developers who have prior working knowledge of Java. Throughout the course students learn the best practices for writing Restful services in Java using Spring Boot. The course provides an in-depth view of the APIs provided by Spring to develop both the REST service and the REST client.

## About This Course

Spring REST focuses on providing an understanding of the fundamental principles and technologies that are used in the development of RESTful services and clients. This understanding is critical to being able to diagnose, troubleshoot, tune, and perform other lifecycle activities.Working with Spring REST is a two-day, fast-paced coding course geared for experienced developers who have prior working knowledge of Java. Throughout the course students learn the best practices for writing Restful services in Java using Spring Boot. The course provides an in-depth view of the APIs provided by Spring to develop both the REST service and the REST client.

## Who Should Attend

This in an intermediate-level Java development course geared for students experienced with Java and Spring programming essentials. This course does not cover Java or Spring development basics.

## Learning Outcomes

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

This “skills-centric” course is about 50% hands-on lab and 50% lecture, designed to train attendees in core Cucumber and web testing skills, coupling the most current, effective techniques with the soundest industry practices. Working within in an engaging, hands-on learning environment, guided by our expert team, attendees will:

Learn the request-response cycle of REST requests

Implement a REST controller using Spring

Map URLs to service endpoints

Use Spring's template class to develop a REST client

Bootstrap a Spring REST applications

Return different media types for a service

Setting the response headers

Discuss Exceptions and HTTP Status codes

Handle exceptions thrown by a service

## Detailed Course Outline

### Implementing REST with Spring

- REST principles
- Introduction to RESTful Services in Spring
- Introduction to REST Clients in Spring
- Bootstrapping the REST application
- Content Representation
- Implementing the REST Service
- Error Handling

### Security and RESTful Services

- Securing Untrusted Input
- Defending RESTful Services

## Certification Path

Cisco Certified Specialist – Service Provider Advanced Routing

Exam: 300-510

# Additional Course Details

Nexus Humans Working with Spring REST (TT3358) 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 Working with Spring REST (TT3358) 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

### Q: What delivery options are available for Working with Spring REST (TT3358)?

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: What certification does this course prepare me for?

The Working with Spring REST (TT3358) course helps prepare you for the Cisco Certified Specialist – Service Provider Advanced Routing certification path.

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### Q: Which exam does this course prepare me for?

This course prepares you for the 300-510 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

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### Q: How many CPD hours does this course provide?

The 2-day Working with Spring REST (TT3358) course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

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### Q: What is the duration of the Working with Spring REST (TT3358) training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

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### Q: Do you provide corporate training for Working with Spring REST (TT3358)?

Yes, we provide corporate training, dedicated training, and closed classes for Working with Spring REST (TT3358). 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 Working with Spring REST (TT3358)?

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 **PENPAL5** when booking your Working with Spring REST (TT3358) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.


## Nexus Human

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