Training: The Linux Foundation
LFW212 Node.js Services Development

THE LINUX FOUNDATION AUTHORIZED TRAINING PARTNER

TRAINING GOALS:

This course provides a deep dive into Node core HTTP clients and servers, web servers, RESTful services and web security essentials. With a major focus on Node.js services and security this content is an essential counterpart to the Node.js Application Development (LFW211) course, and will prepare you for the OpenJS Node.js Services Developer (JSNSD) exam.

This course is designed for developers on their way to senior level who wish to master and demonstrate their Node.js knowledge and skills, in particular how to use Node with frameworks to rapidly and securely compose servers and services. Before enrolling, students should know how to use a command line terminal, and be familiar with JavaScript as well as knowledge domains of the OpenJS Node.js Application Developer (JSNAD) program.

In this course, you will learn how to create web servers and leverage ecosystem frameworks for rapid composability. You will also learn how HTTP works at a Node core API level, what the essential RESTful practices are, and what is needed to implement RESTful services. Finally, you will develop skills needed for server and service composition.

After completing this course, you will be able to build RESTful JSON services that are secure and straightforward to maintain. These skills will prepare you for some of the most common Node.js roles in the industry today. The course also prepares you to take the OpenJS Node.js Services Developer certification.

CONSPECT:

- **Chapter 1. Course Introduction**
- **Chapter 2. Setting Up**
- **Chapter 3. Creating a Web Server**
- **Chapter 4. Serving Web Content**
- **Chapter 5. Creating RESTful JSON Services**
- **Chapter 6. Manipulating Data with RESTful Services**
- **Chapter 7. Consuming and Aggregating Services**
- **Chapter 8. Proxying HTTP Requests**
- **Chapter 9. Web Security: Handling User Input**
- **Chapter 10. Web Security: Mitigating Attacks**

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REQUIREMENTS:

Before taking this course, you should be familiar with:

- Command line terminal
- JavaScript
- Knowledge domains of JSNAD

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by The Linux Foundation

TRAINER:

The Linux Foundation Certified Trainer

ADDITIONAL INFORMATION:

Online, Self Paced
20-25 Hours of Course Material
Hands-on Labs & Assignments1
No Video Content
12 Months of Access to Online Course
Digital Badge
Discussion forums

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