



WEB DEVELOPMENT ESSENTIALS

Linux Professional Institute (LPI) certified professionals do better at their jobs. They're more likely to get higher paying jobs, advance their careers, have more choices, flexibility and skills portability. This is no surprise, given LPI that is the global certification standard and career support organization for open source professionals.



**Linux
Professional
Institute**

Take Your First Steps in Web Development

Modern software applications are commonly developed for the Web. The Linux Professional Institute (LPI) Web Development Essentials program supports your first steps in software development. It includes Learning Materials suitable for both training and self-study. Upon passing the Web Development Essentials exam, you receive a certificate to prove your skills.

The program objectives cover the most important aspects of web development. They are specifically designed to include everything needed to implement simple web applications. This makes Web Development Essentials the perfect choice for practical courses and training. In self-studies, candidates find everything they need to achieve immediate success in implementing their first projects.

To pass the Web Development Essentials exam you must have an understanding of the principles of software development, HTML, CSS, JavaScript, Node.js, and SQL.



Exam code: 030-100 (Version 1.0)

Prerequisites: None, anyone can take the exam

Exam format: 40 questions/60 minutes

Validity period: Lifetime

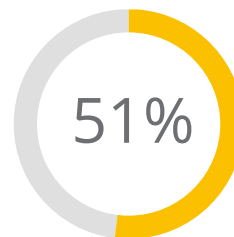
More information: lpi.org/wde



**Web Development Essentials
exam topics**



- 031: Software Development and Web Technologies
- 032: HTML Document Markup
- 033: CSS Content Styling
- 034: JavaScript Programming
- 035: Node.js Server Programming



51,4% of the developers are using Node.js. That takes it on the top spot in front of .NET and .NET Core.

- Stack Overflow 2020 Developer Survey

The Linux Professional Institute Essentials Program

Web Development Essentials is part of LPI's Essentials program. The program provides a preliminary introduction to the major topics in the field of IT. It is targeted at candidates who made their first step in IT. The program enables candidates to get a profound understanding of the major topics of IT.

For each topic, comprehensive Learning Materials as well as an exam are available. The objectives and Learning Materials are designed to support candidates studying on their own, as well as teachers and trainers who use it to supplement their courses. Upon passing the exam, LPI awards the candidate a certificate.

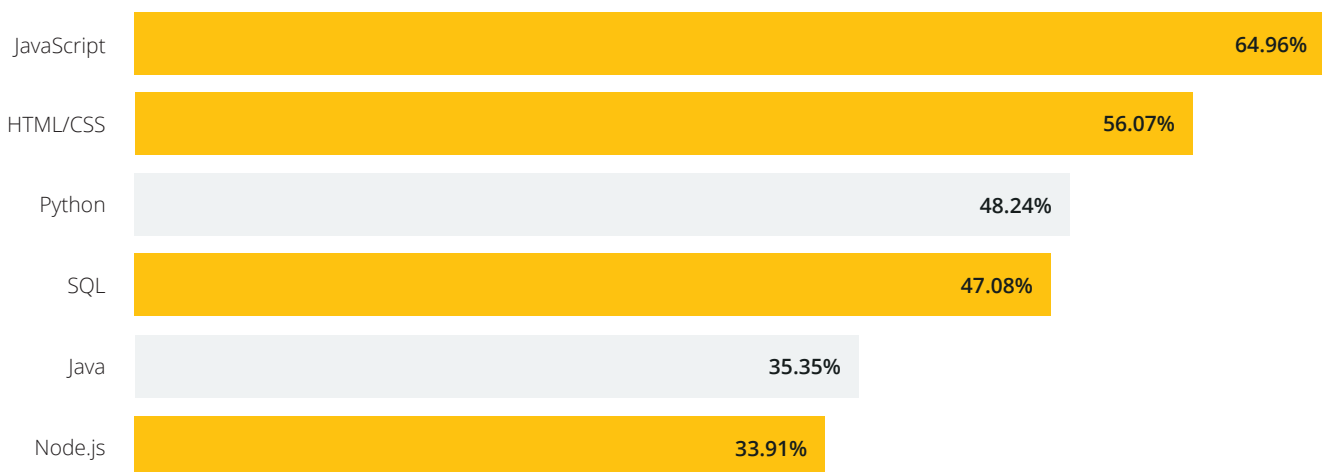


“Modern applications are usually delivered on the Web. That is why LPI decided to teach and test software development with a focus on web technologies. That is also why we have chosen JavaScript as the programming language: It is the common denominator all Web applications use.”

– Fabian Thorns, Director of Product Development

The Most Popular Technologies in Web Development

- Stack Overflow 2021 Developer Survey



Discover our Learning Materials

Linux Professional Institutet's (LPI) Learning initiative supports you in preparing for LPI's Linux and open source certifications. The Learning Materials are a continuously published and classroom-ready series of free resources in many languages for both teachers and learners.

More information: learning.lpi.org



Hiring managers are looking for open source professionals

- Open Source Jobs Report 2020



81% of hiring managers say hiring open source talent is a priority



56% of hiring managers plan to increase their hiring of open source professionals in the next six months



57% of hiring managers stated that hiring certified professionals is a priority, up significantly from 47% in 2018



80% of employers now report that they provide online training courses for employees to learn open source software



62% of hiring managers are more likely to hire someone with a certification, up from 47% in 2018



93% of hiring managers report difficulty finding sufficient talent with open source skills

Linux Professional Institute (LPI) certification doesn't claim you have the skills, it proves them

Verified credentials get you to the top of the resume pile and on recruiter hot lists. Best of all, it's the quickest way through the HR firewall.

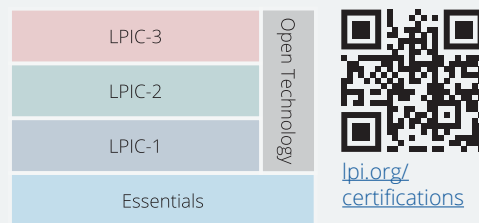
LPI's vendor-neutral certifications show open source software's versatility. When you pass these certifications, you won't be limited to one particular vendor technology, you will be capable of working

with multiple open source technologies – mirroring the environments you will experience on the job.

Because we provide detailed exam objectives, you can spend your time preparing for the exam efficiently.

LPI has certified professionals worldwide. It's the internationally recognized standard, which means you have a recognized skill set that is in demand throughout the world, and a career that can travel with you.

View summary of LPI exams



LPI is a non-profit organization

Linux Professional Institute (LPI) is the global certification standard and career support organization for open source professionals. With more than 200,000 exam holders, it's the world's first and largest vendor-neutral Linux and open source certification body. LPI has certified professionals in over 180 countries, delivers exams in multiple languages, and has hundreds of training partners.

Our purpose is to enable economic and creative opportunities for everybody by making open source knowledge and skills certification universally accessible.

For more information on how to get Web Development Essentials certified, to find training materials and instructors, or to purchase an exam voucher, visit lpi.org.



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