



# DEVOPS TOOLS ENGINEER

Become a certified DevOps Professional

Linux Professional Institute (LPI) certified professionals do better at their jobs. They're more likely to get higher paying jobs, advance their career, 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**

# Become a certified DevOps Professional

DevOps skills are in demand in the ICT industry and those who can demonstrate these skills have better prospects when job hunting. Together with the DevOps and open source communities, Linux Professional Institute (LPI) has developed the new DevOps Tools Engineer certification.

The Linux Professional Institute DevOps Tools Engineer credential is ideal for anyone involved in software engineering, delivering software in a modern IT environment, or as an add-on to existing skills. It examines the use of open source tools that simplify the interaction between the software developer and the system administrator.

This certification produces tangible benefits for its holders, trainers, Human Resource managers and recruiters who are responsible for hiring IT professionals. By testing proficiency in commonly used tools of both administrators and developers, software can be created and delivered faster and better than ever.



This exam focuses on open source tools, and their supported operating systems.. Candidates are expected to be either professional software developers or professional system administrators. It is recommended that candidates hold an existing certification in their primary field.

## Linux Professional Institute DevOps Tools Engineer exam topics

701: Software Engineering  
702: Container Management  
703: Machine Deployment

704: Configuration Management  
705: Service Operations



### Benefits for certification holders

- Distinguish from other job candidates lacking formal DevOps accreditation.
- Increased chances of securing quality job offers or contracts that require hands-on experience with DevOps tools.

### Benefits for trainers

- Advantage compared to local trainers who have yet to provide instruction in DevOps tools.
- Increased student enrollment by adding a new course that focuses on a skill that is in high demand across all industries.

### Benefits for HR managers/recruiters

- Improved ability to find job candidates that have the skills required to get up-and-running on their projects quickly.
- Reduced time requirement for prequalifying potential employees by choosing job candidates who have been certified in applying DevOps methodologies.

Download the exam guide: [lpi.org/devops](https://lpi.org/devops)

The Linux Professional Institute DevOps Tool Engineer closes the gap between development and administration/operations by understanding how DevOps tools can help users and customers deliver robust, scalable and reliable software.

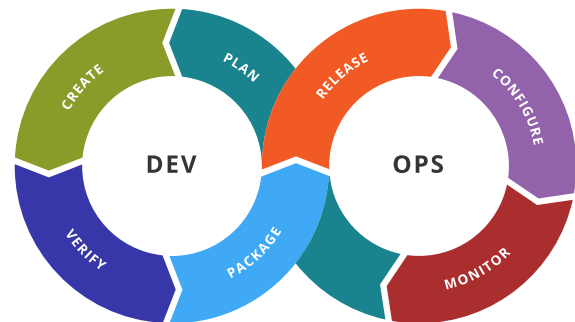
## DevOps knowledge accelerates outcomes

The Linux Professional Institute DevOps Tools Engineer credential verifies the individual skills and knowledge of the most popular open source tools that companies use in a DevOps environment.

DevOps is a blended word from the terms Development and IT Operations. DevOps aims to provide more effective and efficient collaboration between Development, Operations and QA groups through common incentives, processes and tools.

This simple diagram from Wikipedia hides a high degree of complexity, both in terms of the methods of cooperation and in terms of the technology platforms needed to implement the desired organizational changes.

The image illustrates the cyclical nature of DevOps where new code is applied in production and feedback is used to encourage future enhancements and the development of additional features.



Source: Kharnagy wikipedia.org

### The DevOps Tools Engineer certification covers these DevOps tools:

- Ansible
- git
- packer
- Vagrant
- docker
- Jenkins
- Prometheus

### Is the DevOps Tools Engineer certification right for you?

- If you work for, or plan to work for, organizations that expect members of their IT team(s) to stay current with technologies that enable more rapid software development, you should consider DevOps Tools Engineer Certification.
- If you want to start your career in DevOps, this certification is a globally trusted proof of competence.

### Are you ready for the DevOps Tools Engineer exam?

- If you are a system administrator, or a software development professional, who has been working on increasingly challenging DevOps projects for more than a year, chances are you have the skills required to earn the certification.

# 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

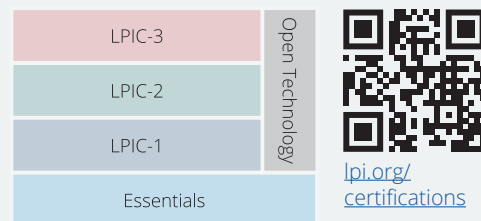
Verified credentials get you to the top of the resume pile and on recruiter hot lists. Best of all, it's the quickest way through the HR firewall.

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, but 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. As well, our certifications are valid for 5 years; longer than most.

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 DevOps certified, to find training materials and instructors, or to purchase an exam voucher, visit [lpi.org](https://lpi.org).



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