

Linux Professional Institute Security Essentials (020-100) Online Training

This entry-level Linux Professional Institute Security Essentials (020-100) training prepares cybersecurity professionals to implement best practices in security maintenance, identify vulnerabilities, and respond effectively to incidents in Linux-based IT infrastructures.

If you want a career in cybersecurity, you should plan on eventually mastering Linux security. The Linux operating system or permutations of it exist on networks all over the world — sometimes powering entire networks and other times running individual devices. It's a fundamental skill of a security professional to know the ins and outs of Linux security, and that's exactly what this course gives you.

You'll learn the basics of cybersecurity that apply in any environment, as well as the techniques and tools that are particular to Linux environments. The LPI Security Essentials is an excellent start for a career in cybersecurity, and this course will prepare you for it in the fastest way possible.

After completing this Linux training you'll know how to implement best practices in security maintenance, identify vulnerabilities, and respond effectively to incidents in Linux-based IT infrastructures.

For anyone who manages their Linux training, this Linux training can be used to onboard new cybersecurity professionals, curated into individual or team training plans, or as a Linux reference resource.

Linux Professional Institute Security Essentials (020-100): What You Need to Know

This Linux Professional Institute Security Essentials (020-100) training has videos that cover topics such as:

- Understanding the theoretical fundamentals of network security
- Securing and configuring Linux systems and devices running Linux
- Monitoring systems and networks for unusual or malicious activity
- Responding to and reporting incidents
- Managing secure network communications

Who Should Take Linux Professional Institute Security Essentials (020-100) Training?

This Linux Professional Institute Security Essentials (020-100) training is considered entry-level Linux training, which means it was designed for cybersecurity professionals. This basic security essentials skills course is valuable for new IT professionals with at least a year of experience with cybersecurity and experienced cybersecurity professionals looking to validate their Linux skills.

New or aspiring cybersecurity professionals. At the start of your cybersecurity career, you have to make some hard choices about where to invest your time and money while learning systems and technologies. This course is an obvious choice because it covers general and foundational knowledge without getting too in the weeds, and Linux is used on networks of all sizes all over the world.

Experienced cybersecurity professionals. If you plan on continuing your cybersecurity career, earning the LPI Security Essentials certification is an excellent way to demonstrate commitment to global standards and professionalism. Your previous experience will prepare you for most of what you'll find on the 020-100, but this course will quickly round out any rough patches and prepare you for the cert.

Show less ^

Skill: Goals, Roles, and Actors

Skill: Risk Assessment and Management

Skill: Ethical Behavior

Skill: Implement Encryption

Skill: Encryption Types and Protocols

Skill: Public Key Infrastructure (PKI)

Skill: X.509, Web Certificates, and Hashing

Skill: Email Encryption and Signatures

Skill: Intro to PC Hardware

Skill: Application and OS Sources

Skill: Updates, Common Vulnerabilities, and Firewalls

Skill: Malware

Skill: Data Availability

Skill: Networks and the Internet

Skill: Protocols and Vulnerabilities

Skill: DHCP, DNS, IPv6, and Cloud Computing

Skill: Wireless Networking

Skill: Network Encryption and Anonymity

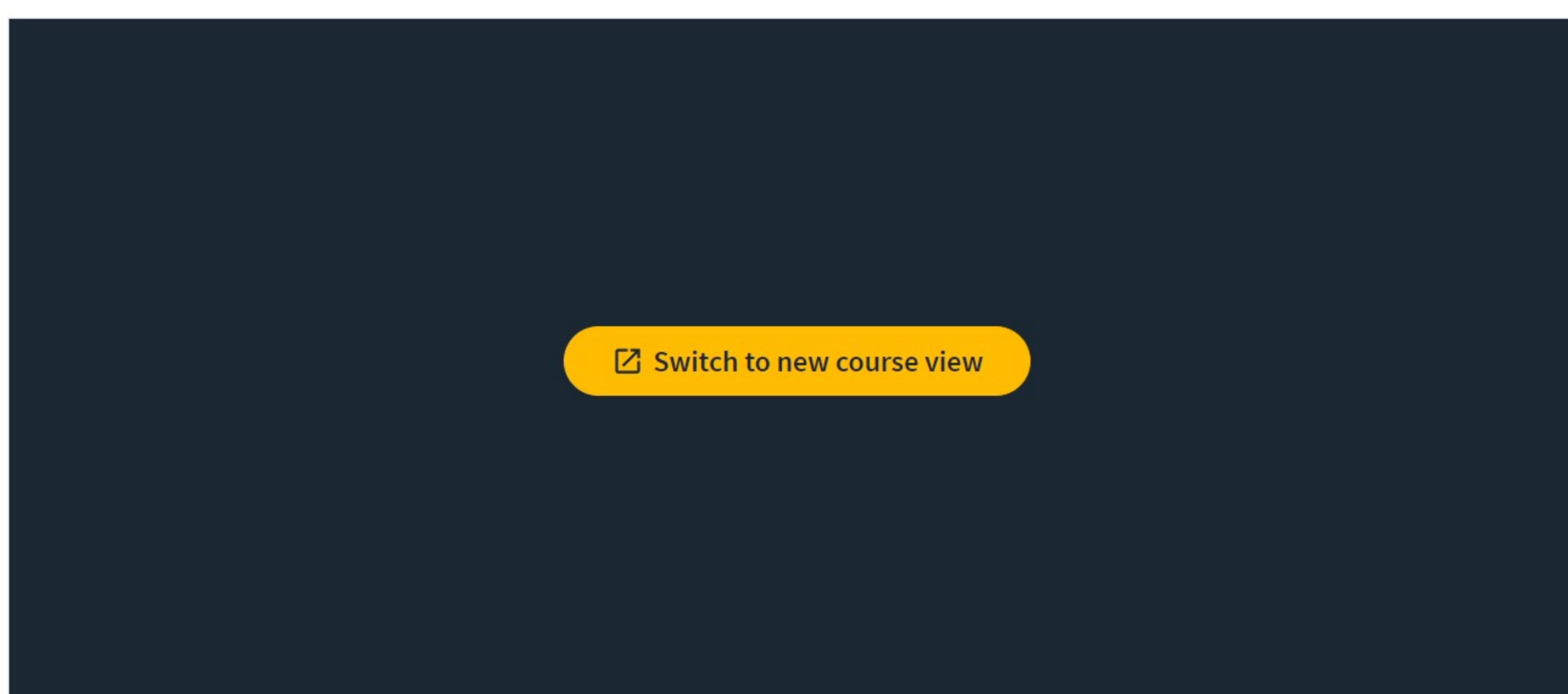
Skill: Principles of Digital Identity

Skill: Passwords

Skill: Confidentiality and Secure Communication

Skill: Social Engineering and Handling Information

Skill: Privacy Protection



Now playing: IT Goal: Making Resources Secure

This video is only available in the new course view.

Learn more about the new platform.

- New tools
- More features
- Improved organization

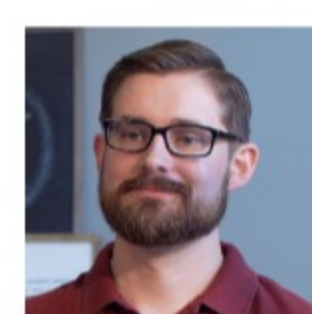
Course overview

21 HOURS OF TRAINING 23 SKILLS 166 VIDEOS 3 VIRTUAL LABS 0 PRACTICE EXAMS



James Conrad
Nugget trainer since 2020
Read the full bio

What is it like to train with us? Our learners say it best.



Helps me learn the skills I need when I need them
THOMAS S. | SYSTEMS ENGINEER & CONSULTANT

Read Reviews

Linux Professional Institute Security Essentials (020-100) FAQs: Cost, Training, Value

Is Linux Professional Institute Security Essentials a certification?

Yes, the full title of the certification is "Linux Professional Institute Security Essentials", but it's also known as just Security Essentials. The Linux Professional Institute (LPI) is a professional organization that's best known for their LPIC series of certifications. Those cover three distinct levels of skill in Linux administration. In addition to LPIC, they offer three certifications in their entry-level and generalist Essentials series: Linux, Security and Web Development.

Is the Linux Professional Institute Security Essentials worth it?

Yes, depending on your experience level and career goals, the LPI Security Essentials certification is worth it as an investment in your future. For entry-level IT professionals or non-technical professionals, if you need to prove broad and entry-level familiarity with IT concepts, LPI is a trusted and respected authority in the IT world and Security Essentials covers preliminary skills and knowledge in the field better than many other certifications.

How much does the Linux Professional Institute Security Essentials cost?

The LPI Security Essentials costs \$120 in most North American countries and \$100 in South America, central and east Asia, and in the Middle East. The LPI Security Essentials exam (020-100) is the only exam for the certification and it doesn't have any prerequisites, which means you can take it any time you think you're ready and you don't have to pay for any other exams or classes.

How hard is the Linux Professional Institute Security Essentials exam (020-100)?

The LPI Security Essentials exam (020-100) has a reputation as being fair and straightforward. For people who are adequately prepared, it's not an especially hard exam. The thing to keep in mind is that while it is entry-level, it's also very broad. So when you prepare for the Security Essentials, make sure you have a strong foundation in IT as well as basic cybersecurity concepts.

Is the Linux Professional Institute Security Essentials meant for beginners?

Yes, the LPI Security Essentials certification is specifically designed for beginners and newcomers to the IT career field. It's ideal for anyone who wants to get their foot in the cybersecurity world and get started with a career. But preparing for and earning the Security Essentials cert is also great for non-technical professionals who need a good understanding of IT principles and how cybersecurity functions at a basic level.

Train free for a week.

Not sure where to start?

Call 541-284-5522 or try our [live chat](#).

Home / IT Training / training / Linux Professional Institute Security Essentials (020-100)

Get CBT Nuggets IT training news and resources

Email Address

Subscribe

I have read and understood the [privacy policy](#) and am able to consent to it.

PRODUCT

- Browse training
- All courses
- Certification training
- New training
- Features
- Trainers

SOLUTIONS

- Business
- Government
- Active Military
- All Solutions

RESOURCES

- Blog
- Learner stories
- Why e-learning?
- Customer reviews
- Ultimate Cert Guides
- Cert Class

COMPANY

- About
- NuggetLove
- Careers
- Become a Trainer
- Transparency in Coverage

SUPPORT

- Help Center
- Contact us

Follow us



Let's chat!

Sales | Support | General