uCertify

Course Outline

LPIC 2: Linux Professional Exam 201 and 202
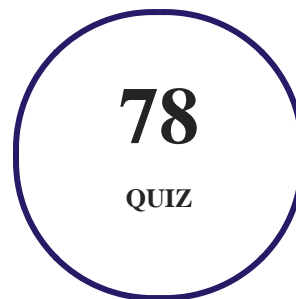
04 Aug 2025

1. Pre-Assessment

2. Exercises, Quizzes, Flashcards & Glossary

   Number of Questions

3. Expert Instructor-Led Training

4. ADA Compliant & JAWS Compatible Platform

5. State of the Art Educator Tools

6. Award Winning Learning Platform (LMS)

7. Chapter & Lessons

   Syllabus

   Chapter 1: Starting a System

   Chapter 2: Maintaining the System

   Chapter 3: Mastering the Kernel

   Chapter 4: Managing the Filesystem

   Chapter 5: Administering Advanced Storage Devices

   Chapter 6: Navigating Network Services

   Chapter 7: Organizing Email Services

   Chapter 8: Directing DNS

   Chapter 9: Offering Web Services

   Chapter 10: Sharing Files

   Chapter 11: Managing Network Clients

   Chapter 12: Setting Up System Security

   Videos and How To

8. Practice Test

   Here's what you get

   Features

9. Live labs

   Lab Tasks

   Here's what you get

1. ⊟ Pre-Assessment

Pre-Assessment lets you identify the areas for improvement before you start your prep. It determines what students know about a topic before it is taught and identifies areas for improvement with question assessment before beginning the course.

2. ⏱ Quiz

Quizzes test your knowledge on the topics of the exam when you go through the course material. There is no limit to the number of times you can attempt it.

78

QUIZ

3. ⚡ flashcards

Flashcards are effective memory-aiding tools that help you learn complex topics easily. The flashcard will help you in memorizing definitions, terminologies, key concepts, and more. There is no limit to the number of times learners can attempt these. Flashcards help master the key concepts.

299

FLASHCARDS

4. 👥 Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields.

Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

5. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

6. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assessments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

7. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 7 years:

- **2014**
    1. Best Postsecondary Learning Solution

- **2015**
    1. Best Education Solution
    2. Best Virtual Learning Solution
    3. Best Student Assessment Solution
    4. Best Postsecondary Learning Solution
    5. Best Career and Workforce Readiness Solution
    6. Best Instructional Solution in Other Curriculum Areas
    7. Best Corporate Learning/Workforce Development Solution

- **2016**
    1. Best Virtual Learning Solution
    2. Best Education Cloud-based Solution
    3. Best College and Career Readiness Solution
    4. Best Corporate / Workforce Learning Solution
    5. Best Postsecondary Learning Content Solution
    6. Best Postsecondary LMS or Learning Platform
    7. Best Learning Relationship Management Solution

- **2017**
    1. Best Overall Education Solution
    2. Best Student Assessment Solution
    3. Best Corporate/Workforce Learning Solution
    4. Best Higher Education LMS or Learning Platform

- **2018**
    1. Best Higher Education LMS or Learning Platform
    2. Best Instructional Solution in Other Curriculum Areas
    3. Best Learning Relationship Management Solution

- **2019**
  1. Best Virtual Learning Solution
  2. Best Content Authoring Development or Curation Solution
  3. Best Higher Education Learning Management Solution (LMS)

- **2020**
  1. Best College and Career Readiness Solution
  2. Best Cross-Curricular Solution
  3. Best Virtual Learning Solution

8. ⚙ Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

Syllabus

Chapter 1: Starting a System

- The Linux Boot Process

- The Firmware Startup

- Linux Bootloaders

- Process Initialization

9. ◎ Practice Test

Here's what you get

32	**3**
PRE-ASSESSMENTS QUESTIONS	FULL LENGTH TESTS

Features

Each question comes with detailed remediation explaining not only why an answer option is correct but also why it is incorrect.

Unlimited Practice

Each test can be taken unlimited number of times until the learner feels they are prepared. Learner can review the test and read detailed remediation. Detailed test history is also available.

Each test set comes with learn, test and review modes. In learn mode, learners will attempt a question and will get immediate feedback and complete remediation as they move on to the next question. In test mode, learners can take a timed test simulating the actual exam conditions. In review mode, learners can read through one item at a time without attempting it.

10. Live Labs

The benefits of live-labs are:

- Exam based practical tasks
- Real equipment, absolutely no simulations
- Access to the latest industry technologies
- Available anytime, anywhere on any device
- Break and Reset functionality
- No hardware costs

Lab Tasks

Starting a System

- Viewing Boot Messages
- Configuring Bootloaders
- Managing Services in Upstart

- Modifying Runlevels for Programs on Debian-Based Distros

Maintaining the System

- Sending Messages to Users
- Monitoring the Network
- Copying Files Using dd
- Creating Backups - Part 1
- Creating Backups - Part 2
- Measuring CPU and Process Status

Mastering the Kernel

- Generating an Initial RAM Disk File
- Viewing Information Using Files
- Viewing the Kernel Version
- Viewing PCI Information
- Loading Kernel Modules - Part 1
- Loading Kernel Modules - Part 2

Managing the Filesystem

- Viewing Block Devices
- Making a Filesystem
- Attaching Filesystems
- Creating a Swap Partition
- Using the SMART Utility
- Adjusting Filesystem Parameters

Administering Advanced Storage Devices

- Getting Device Parameters
- Creating a Logical Volume
- Working with Logical Volumes

Navigating Network Services

- Viewing the Network Interface Configuration

- Viewing Information about Hosts
- Testing Network Connectivity by Sending Packets
- Viewing ARP Cache
- Dumping Network Traffic
- Viewing Open Network Connections

Organizing Email Services

- Connecting to an SMTP Server
- Administering Dovecot
- Dumping Dovecot Configuration
- Managing Dovecot

Directing DNS

- Getting to Know BIND
- Using rndc
- Performing DNS Lookups

Offering Web Services

- Studying the Main OpenSSL Config File
- Using SSL Encryption
- Managing User Files for Authentication
- Controlling the Apache Server
- Getting to Know Squid

Sharing Files

- Viewing Samba Configuration Files
- Checking smb.conf
- Reporting Samba Connections
- Sending Messages to smbd
- Exporting Filesystem to Remote Servers
- Getting to Know vsftpd

Managing Network Clients

- Manipulating the ARP Cache
- Using OpenLDAP Utilities
- Using slapd

Setting Up System Security

- Processing Network Packets Using Chains
- Using IDS Utilities
- Scanning Ports
- Using SSH Login

Here's what you get

56	56	40
LIVE LABS	**VIDEO TUTORIALS**	**MINUTES**

You can't stay away! Get

3187 Independence Drive
Livermore, CA 94551,
United States

+1-415-763-6300

support@ucertify.com

www.ucertify.com