

Frequently Asked Questions: NDG Introduction to Linux II v2.0



NDG Introduction to Linux II – Cisco NetAcad™ Frequently Asked Questions

Instructors, Learners, and Administrators

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The NDG Introduction to Linux II course was developed by Network Development Group (NDG) to take advantage of the improved flexibility and course management capabilities in the Cisco Networking Academy® learning environment.

NDG Introduction to Linux II Curriculum

- 1. Who is sponsoring the course?**

NDG has developed the NDG Introduction to Linux II course for learners and institutions participating in the Cisco Networking Academy program. NDG is offering this course to instructors participating in the Cisco Networking Academy at no cost. This no-cost access is to help *instructors* prepare learners for the LPI LPIC-1 certification exams. NDG reserves the right to charge instructors if the “for free” access is abused by the academic community participating in the Cisco Networking Academy. *Learners will be charged a fee.* To learn more about NDG, visit www.netdevgroup.com.
- 2. How much is the fee for the NDG Introduction to Linux II course?**

NDG Introduction to Linux II is free to instructors. The fee per learner is \$29.95 for six months of access.
- 3. Why is NDG charging a fee?**

The fee is to sustain the cost of Linux course offerings, virtual machines and support.
- 4. Is there a discount?**

The fee is already discounted from the commercial retail price if purchased through the Cisco Networking Academy.
- 5. Are bulk purchase discounts offered?**

No, there are no bulk purchase discounts. The course is already discounted based on the buying power of the Cisco Networking Academy.
- 6. How long is the course access?**

The course start and end dates are controlled by the institution.

Important: The NDG Introduction to Linux II availability is six months per access code, but extensions to access code time may be purchased if so desired.
- 7. How is the course purchased?**

Academic institutions can purchase on behalf of learners or to resell at the academic institution bookstore. Learners can also purchase the course directly. To learn more about purchase options, please refer to:

https://netdevgroup.com/content/lpi/documentation/ndg_linux_courses_how_to_enter_access_codes.pdf
https://netdevgroup.com/online/support/courses/documentation/ndg_linux_course_purchase_order_faq.pdf

8. What is the refund policy?

Refunds are available for up to two weeks after purchase for learners that have utilized less than 30% of the course content.

9. How can I request a refund?

- Find the email receipt you received from *fastspring.com* when you purchased course access. Identify the “order number” listed on the email from *fastspring.com*.
- Email hostedsupport@netdevgroup.com with subject “Refund request”. List the order number and course access code or codes for which you are requesting a refund. Please note: Each listed course access code will be disabled upon refund approval. Briefly describe your reason for requesting a refund.
- Once approved, your refund request will be processed by fastspring.com.

10. What jobs align with this course?

Knowledge of Linux is a helpful skill for a wide variety of careers in business and Information Technology fields. Many emerging and growing career opportunities including big data, cloud computing, cybersecurity, information systems, networking, programming, and software development (to name a few) require basic to advanced knowledge of the Linux command line.

11. What are the course objectives?

The NDG Introduction to Linux II course objectives cover basic skills tested on the LPI LPIC-1 second certification exam, including:

- Shells and Scripting
- Interfaces and Desktops
- Administrative Tasks
- Essentials System Services
- Network Fundamentals
- Security

12. Does the course align with any industry-recognized certification?

The NDG Introduction to Linux II curriculum helps individuals prepare for the [LPI LPIC-1 102 exam](#), the second of two certification exams for the LPI LPIC-1 certification.

For additional information about the LPI LPIC-1 certification, please visit the LPI certification website: <https://www.lpi.org/our-certifications/lpic-1-overview/>

Course modules aligned to the LPI LPIC-1 102 exam certification objectives are listed on the table below:

Course Outline

Title of Learning Module / Chapter	LPI LPIC-1 102-500 Exam Certification Objective(s)
Before You Get Started	Course Introduction
1. Advanced Shell Features	105.1 Customize and use the shell environment
2. Shell Scripts	105.2 Customize or write simple scripts
3. X Windows	106.1 Install and configure X11
4. Graphical Desktops	106.2 Graphical Desktops
5. Accessibility	106.3 Accessibility
6. User and Group Accounts	107.1 Manage user and group accounts and related system files
7. Scheduling Jobs	107.2 Automate system administration tasks by scheduling jobs
8. Localization	107.3 Localisation and internationalisation

9. System Time	108.1 Maintain system time
10. System Logging	108.2 System logging
11. Email Configuration	108.3 Mail Transfer Agent (MTA) basics
12. Printer Management	108.4 Manage printers and printing
13. Networking Fundamentals	109.1 Fundamentals of internet protocols
14. Network Configuration	109.2 Persistent network configuration
	109.4 Configure client side DNS
15. Network Troubleshooting	109.3 Basic network troubleshooting
16. Account Security	110.1 Perform security administration tasks
17. Host Security	110.2 Setup host security
18. Encryption	110.3 Securing data with encryption

Note: NDG Introduction to Linux II will repeat some content from NDG Linux Essentials. Why? LPI Linux Essentials certificate and LPI LPIC-1 certification exam objectives overlap. To cover all objectives, topics introduced in NDG Linux Essentials may be repeated in NDG Introduction to Linux II with more in-depth, high-rigor content. For further information, reference: <http://www.netdevgroup.com/content/lpi/documentation/lpicertobjectives.pdf>

13. Is there an authorized discount for the certification exam?

The Linux Professional Institute offers participants of the Cisco Networking Academy program that enroll in the NDG Introduction to Linux II course a discount on the LPIC-1 102 exam for certification tests taken from Pearson VUE computer-based testing.

14. Will participants receive a certificate of completion or letter?

Upon successfully completing the NDG Introduction to Linux II course, each individual is eligible to receive a congratulatory letter from LPI. This letter will document that the individual has completed the NDG Introduction to Linux II course. Instructors must mark the student as successfully passing the course to receive the congratulatory letter. For additional assistance, please visit:

<https://www.netdevgroup.com/online/support/courses/documentation/obtaining-completion-letter-guide-final-v2.pdf>

Note: For self-paced students, the letter of completion will be generated once the course feedback and the final have been submitted.

Curriculum Requirements

15. How do I get access to the Linux course?

If your organization is participating in the Cisco Networking Academy, you can use this course for Instructor-Led Training (ILT). To create an NDG Introduction to Linux II class, complete the following steps:

- a. From the NetAcad Home page, select the Teach tab
- b. Click the **Create a Course** link
- c. Enter the course information
 - 1) Select your Academy
 - 2) Select the course you want to teach: **Partner: NDG Linux II**
 - 3) Click **Continue**
 - 4) Choose a language and version for the course
 - 5) Enter a **Course ID** and a **Course Name**
 - 6) Enter a **Start** and **End Date**
 - 7) Select the instructor(s)
 - 8) Click **Continue**
- d. Verify the information is correct and click **Publish Now**

- e. Follow NetAcad procedures to enroll learners that will be allowed to purchase course access or your institution can purchase and distribute course access codes on behalf of the learner.

Instructors will automatically have access to the course at no fee. Learner access is by fee. Academic institutions can purchase access for learners or require learners to purchase course access. To review the purchasing processes, please refer to:

https://www.netdevgroup.com/content/lpi/documentation/ndg_linux_courses_how_to_enter_access_codes.pdf

16. Where can I find more information about how to use the NetAcad?

For more information, please visit the FAQs and Tutorials web page (you must be logged in to your NetAcad account to access): <https://www.netacad.com/group/landing/faq/>

17. What if my virtual machine is loading slowly?

Please be aware the virtual machines may take an average of 15 to 30 seconds to load. In order to provide functionality required for some advanced concepts, virtual machines may take a minute or two to load.

18. How long will it take to complete the course?

The course is designed to be taught for a semester or quarter, but academies and instructors are encouraged to use the material based on the needs of the academic institution and students. The NetAcad course start and end date is controlled by the institution.

Important: Access codes expire after six months following activation. At the end of the six months, learners will be required to purchase an extension to access code if the course is still open and they wish to continue accessing the course materials.

19. What are the computer requirements for the course?

NDG recommends using a desktop operating system (Windows, Mac, or Linux) with a physical keyboard. Smartphones and tablet devices are not supported. The following web browsers are supported:

- Google Chrome (last two major releases)
- Safari (last two major releases)
- Mozilla Firefox (last two major releases)

20. Do I need any additional equipment for the course?

No additional equipment is required for this course.

21. Is this an instructor-led course?

This course is currently available for instructor-led training. Learners will benefit from working with instructors who have knowledge of Linux at the LPIC-1 level. There is also the option of taking the course self-paced, see Question 28 for more information.

22. Is training required for instructors?

No, instructor training is not required for instructors to participate. Instructors are encouraged to attain the LPI.org LPIC-1 certification and familiarize themselves with the course materials.

23. Are there any instructor materials or classroom aids available?

Yes, instructors have access to the content, lab exercises and virtual machines for practice. Each module will have a corresponding PowerPoint slide deck for instructor use. PowerPoint slide decks will be accessible via instructor help and resources in the course.

24. Does the course include assessments?

At the end of each module, questions are presented to the learner as a graded chapter exam. There is also a graded midterm covering Chapters One through Eight.

For the final exam, instructors can choose between a graded final exam covering Chapters Nine through Eighteen and a graded comprehensive final exam covering all eighteen chapters. All questions are scored and results are posted in the Networking Academy gradebook.

25. How do you enable assessments for this course?

Important: NDG developed the assessment engine for the NDG Introduction to Linux II course. This course does

not use the Cisco Networking Academy assessment engine. The "Activation" link is not used to enable assessments. To enable assessments, use the following steps:

- a. On your instructor account course homepage, focus on the *Help & Resources* option located on the left side (Canvas) or on the course homepage under the course description (Moodle).
- b. Select "**Help & Resources**".
- c. Focus on the "**Resources**" headline; on the right; underneath it, select the "**Assessment Tool**" hyperlink.
- d. Next, select the "**Manage Activations**" hyperlink.
- e. All of the exams will be listed here. Place a check mark next to the exams that you wish to activate.
- f. Once you have selected the exams, click on the "**Create Advanced Activations**" button.
- g. For each exam, you will be presented with options to indicate when you would like to have the exams available, how long a student has to take the exam once initiated, and lastly, how many times the exam can be taken.
- h. Once the fields are marked accordingly, click on "**Create Advanced Options**" to activate.

For additional assistance, please refer to:

http://www.netdevgroup.com/content/lpi/documentation/ndg_linux_essentials_activating_an_exam.pdf

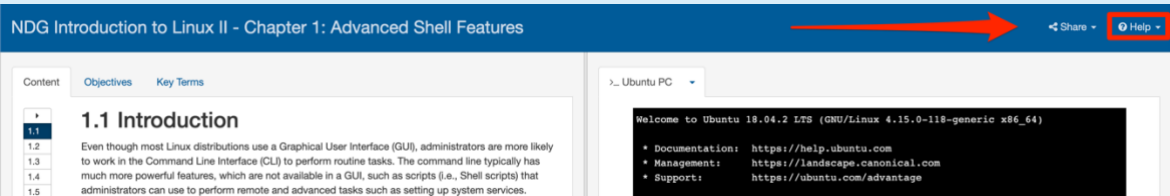
Additional Information

26. Where do I get NDG Introduction to Linux II curriculum help?

Learners should direct all content-related questions to the course instructor. Learners and instructors can also use an online tool to submit feedback to NDG for content typos or clarification edits, bugs, or problem instances. When viewing the NDG Introduction to Linux II content, lab exercises, or quizzes, click the Help link in the top right corner to submit a question or report a bug or typo. After submitting a request, the online system will search the frequently asked questions (FAQ) database for an answer. If an answer is not available, the learner will be able to route the submission to NDG for review.

Note

The NDG Introduction to Linux II course is provided by NDG. All questions, comments and feedback should be directed to NDG Online Support. Learners and instructors can submit comments and feedback to NDG using the **Help** link located in the top-right corner of the NDG Introduction to Linux II content, as highlighted below.



The screenshot shows the course interface for "NDG Introduction to Linux II - Chapter 1: Advanced Shell Features". The top navigation bar is blue and contains a "Share" button and a "Help" button. A red arrow points to the "Help" button. The main content area is divided into two columns. The left column shows a table of contents with "1.1 Introduction" selected. The right column shows a terminal window with the text "Welcome to Ubuntu 18.04.2 LTS (GNU/Linux 4.15.0-118-generic x86_64)" and links for Documentation, Management, and Support.

27. Who should I contact if I have questions about this course that are not explained in this document?

All NDG Introduction to Linux II course questions should be directed to Network Development Group at hostedsupport@netdevgroup.com. Please take a few minutes to review the NDG Online Courses support page <https://netdevgroup.com/online/support/courses/>, the course materials and this FAQ document before emailing the NDG staff.

28. Additional information for self-paced learners:

- The letter of completion will be generated once the Course Feedback and the Final Exam have been submitted.
- NDG recognizes the many self-paced learners may wish to only use certain modules and skip others; therefore there are no prerequisites for taking the midterm and finals.
- Assessments for self-paced learners are activated by default. They are available for the duration of the course and can be taken an unlimited number of times. Quizzes have a one-hour time limit, midterm and finals have a three-hour time limit.

This and other NDG documentation are routinely updated as changes to the course materials and processes are made. For the current version of this document, please visit our support page at <https://ndg.tech/gBDW0m>.