

Put Student Name(s) ↓	Put Student IDs ↓	Due Date	Grade Weight
Twinkle Akhilesh Mishra	8894858	As Posted	15%

Assignment 3: Cisco Linux Essentials Free Course

Objectives	<ul style="list-style-type: none"> This intermediate-level course quickly builds your Linux knowledge and gives you real-world practice with the command line and virtual machines. It also prepares you for the Linux Professional Institute Linux Essentials Certificate, a credible third-party certificate that will help you stand out in the job market and verify your new skills to employers. The Linux Essentials certificate is also a stepping stone to the Linux Professional Institute LPIC-1 certification. Get Free certificate to add to your resume
Instructions	<ul style="list-style-type: none"> It is an Individual assignment. Put your name + Student ID in the empty spaces above. Submit via the D2L relevant link ONLY available @ Corse Tools, Assignments Submission via email is NOT accepted and will NOT be considered. Students who submit by email will get Zero Mark. Be sure to submit the final version file ONLY. Show the signs of your genuine work is done on your machine as instructed in your reporting guidelines. Use this same WORD template to include your work in the specified fields below. Upon completion of your report, convert this WORD document into PDF. Submit your final report ONLY in 1 PDF file. Do NOT submit multiple files. Submit with this file name convention: PROG8820-Assignment 3-Student Name & ID If you receive a degraded marks with my feedback, you are automatically allowed to submit a 2nd / Last version of your file to have a better mark. NO need to send an email asking for permission to re-submit.
Students Work for this activity	<ul style="list-style-type: none"> Go to: https://www.netacad.com/courses/linux-essentials?courseLang=en-US Create a free account and login. Use your real name, college email & contact info. Do NOT use personal emails Complete the course content sections (70 Hours) & available 18 Labs hands-on & available assessments
Your report MUST include	<ol style="list-style-type: none"> Show your desktop background with Date/Time on all your screenshots & pages of the report Screenshot of your login account Screenshots of relevant assessments solutions Screenshots of your Course conclusion Screenshot of any possible mean you get as a proof for your course completion (Badge, Email, Certificate) Your Learning Experience and what you have learned in your own writing (free writing)

Your Report
Place is
here on the
right
column.
Expand the
field as
appropriate
to include
all report
parts

The screenshot shows the Cisco Networking Academy (NetAcad) website. At the top, there are tabs for 'NetAcad' and 'Legacy NetAcad'. A banner at the top left says 'Downtime Schedule - February 2025' with the note '- Friday, 28 February 2025 at 5:30 p.m. to 8:30 p.m. PST (UTC-8)'. The main navigation bar includes 'Explore', a search bar, and 'Learn'.

The page displays the 'Linux Essentials' course. It features the NDG logo and the title 'Linux Essentials'. Below the title, it says 'Build foundational Linux skills and prepare for the Linux Essentials certificate exam from Linux Professional Institute.' There are two course delivery options: 'Self-Paced Online' (learn online at your own pace) and 'Instructor-Led' (learn with an academy). A language dropdown shows 'English (English)' and a 'Resume Course' button. The sidebar on the right is titled 'My Learning' and lists 'Dashboard', 'News', 'Profile', 'Language' (set to English), and 'Support'. The bottom of the screen shows a taskbar with various icons and the date/time '23-02-2025'.



Help & Resources

INSTRUCTIONS

Help & Resources

Help & Resources

Help & Resources

Time elapsed: 45 seconds

Question 1

When choosing a distribution of Linux, you should consider:
(choose four)

- If the application software is supported by the distribution
- Does your organization require long-term support for the system
- Popularity on social media
- Will commercial support be required for the OS
- Does the distribution offer a "stable" version

Question 2



ENG US 08:50 23-02-2021

INSTRUCTIONS

Help & Resources

 Help & Resources

Help & Resources

Time elapsed: 3 minutes, 17 seconds

Question 2

Artificial intelligence has little potential for gains in efficiency, safety and productivity.

 True False

Question 3

The Raspberry Pi is popular with experimenters because:

 It's cheap and adaptable It runs Microsoft Office End users have to pay for programming expenses

Search



DNG

US



08



2038

27-02-2003

INSTRUCTIONS

Help & Resources

Help & Resources

Help & Resources

Question 4

The release cycle

- Only has meaning for paid software
- Dictates how often software is updated
- Should be long so that you have time before you need to upgrade
- Describes how long software will be supported
- Should be short so you always have the freshest releases

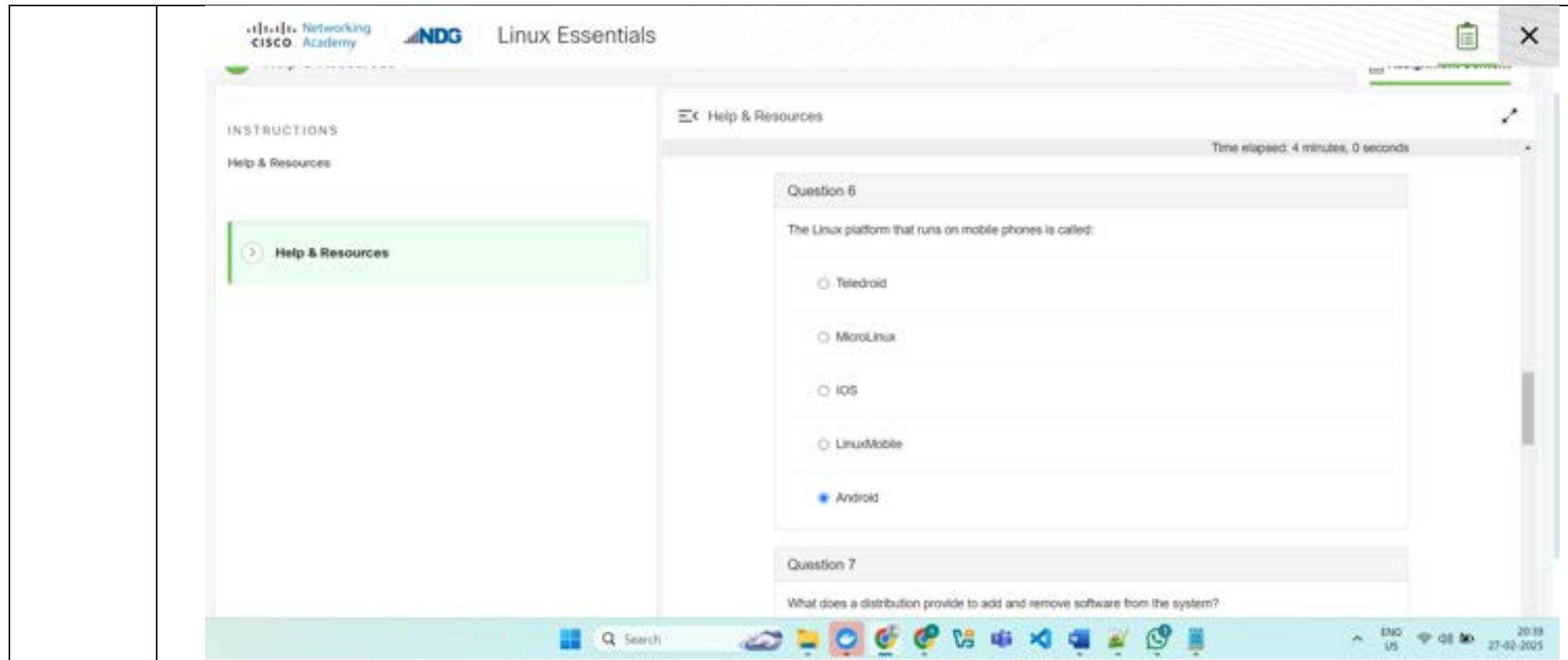
Time elapsed: 3 minutes, 38 seconds

Question 5

Debian is a community effort that supports many hardware platforms.
True or False?

- True

ENG
US 27-02-2025 20:38



INSTRUCTIONS

Help & Resources

Help & Resources

Help & Resources

Time elapsed: 4 minutes, 12 seconds

Question 7

What does a distribution provide to add and remove software from the system?

- Partitioning tool
- Bash
- Application Programming Interface (API)
- Package Manager
- Compiler

Question 8

Search



ENG US 08:50 27-02-2025 20:39

INSTRUCTIONS

Help & Resources

Help & Resources

Help & Resources

 Compiler

Time elapsed: 4 minutes, 33 seconds

Question 8

A software release cycle describes:

- How often upgrades come out for software
- How often the computer must be upgraded to support new software
- How often the computer must be rebooted
- How often the software's memory is released back to the operating system
- How often security fixes are implemented

Question 9

Search



END US 20:39 27-02-2025



INSTRUCTIONS

Help & Resources

Help & Resources

Help & Resources

Time elapsed: 4 minutes, 45 seconds

-
- How often security fixes are implemented

Question 9

A maintenance cycle:

-
- Describes how often updates for software come out
-
-
- Only has meaning for paid software
-
-
- Should be short so you always have the freshest releases
-
-
- Describes how long a version of software will be supported
-
-
- Should be long so that you have time before you need to upgrade

Q Search



DNG US 20:40 27-02-2015



INSTRUCTIONS

Help & Resources

Help & Resources

Help & Resources

Time elapsed: 4 minutes, 57 seconds

Question 10

Apple's OS X is:
(choose three)

- Derived from Linux
- Able to natively run Windows binaries
- Primarily used to manage network services
- Partially based on code from the FreeBSD project
- A fully certified UNIX distribution
- Tightly integrated with Apple hardware

Search



ENG US 2049 27-02-2025

Name	Attempts	Average Score	Latest Score
Chapter 02 Exam	1	100%	100% 10 / 10

Help & Resources

 Help & Resources

Time elapsed: 2 minutes, 16 seconds



Question 1

POP and IMAP are related to:

- Sharing files
- Serving web pages
- Letting users log in to multiple servers with 1 set of credentials
- Email
- Reading and writing music

Question 2

Which of the following are examples of text editors?
(choose four)

Networking Cisco Academy **NDG** Linux Essentials

Help & Resources

Time elapsed: 2 minutes, 30 seconds

Question 2

Which of the following are examples of text editors?
(choose four)

vim

pico

Yum

emacs

nano

Question 3

An interpreted programming language:
(choose two)

Help & Resources

Help & Resources

Time elapsed: 2 minutes, 44 seconds

 nano

Question 3

An interpreted programming language:
(choose two)

- Is converted into machine specific instructions as the program runs
- Tends to offer more features than compiled languages
- Requires a linking step but no compilation step
- Takes fewer resources to run than a compiled language
- Requires a compilation step but no linking step

Question 4



Help & Resources

Help & Resources

Time elapsed: 2 minutes, 55 seconds

Question 4

The Linux shell:
(choose three)

- Allows you to launch programs
- Has a scripting language
- Is responsible for tracking the location of configuration files
- Is customizable
- Has a built-in text editor

Question 5

Which application would you use to edit and piece together sound files to make a podcast?

Search



ENG US 08:56 27-02-2015 20:49

Help & Resources

 Help & Resources

Time elapsed: 3 minutes, 8 seconds

 Has a built-in text editor

Question 5

Which application would you use to edit and piece together sound files to make a podcast?

 Audiolocial Bash Audacity Thunderbird GIMP

Question 6

Which server software would you use to create a company directory that you could search and authenticate



Q Search



ENG

US



00



2049

27-02-2025

Help & Resources

Help & Resources

Time elapsed: 3 minutes, 19 seconds

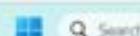
 GMP

Question 6

Which server software would you use to create a company directory that you could search and authenticate against?

 ISC DHCP Samba OpenLDAP bind Netatalk

Question 7



Search

ENG
US

20:48



27-02-2025

Help & Resources

Help & Resources

Time elapsed: 3 minutes, 43 seconds

 The guest is the machine that runs the virtual machines

Question 8

Which of the following are traits of cloud computing?
(choose two)

 You don't have to worry about performance any more You own the hardware but pay for it over time Only Linux works in cloud computing Scales IT resources so you pay for what you use Resources can be accessed from anywhere over a network

Question 9



ENG US 20:50 27-02-2025

Help & Resources

Help & Resources

Time elapsed: 3 minutes, 55 seconds

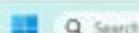
Question 9

Which of the following are traits of a multiuser operating system?
(choose three)

- Many users can log in simultaneously with a unique account
- Users can protect their information from other users
- Each user can only log in once per day
- An administrative user gets a dedicated CPU
- Resources are shared between users.

Question 10

What can be done to prevent unauthorized users from accessing your computer remotely?
(choose two)

ENG
US 08 20:50
27-03-2025

Help & Resources

Help & Resources

Time elapsed: 4 minutes, 8 seconds

 Resources are shared between users

Question 10

What can be done to prevent unauthorized users from accessing your computer remotely?
(choose two)

- Use strong passwords on all user accounts
- Block all cookies
- Don't use wireless networks - only wired
- Block third party cookies
- Turn on a firewall

Submit Answers

20:50
21-02-2015

Chapter 03 Exam

1

100%

100%

10 / 10



Time elapsed: 2 minutes, 56 seconds

Help & Resources

Help & Resources

Question 1

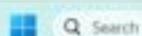
Linux source code is available to:

- Only employees of the Linux Foundation
- Only university researchers with a government grant
- Employees of the FBI, CIA and NSA with top secret clearance
- Anyone who has the knowledge needed to access it

Question 2

Source code refers to:

- A human-readable version of computer software
- The license that dictates how you may use and share the software



DAG US 08:56 27-02-2025

Time elapsed: 3 minutes, 22 seconds

Help & Resources

3 Help & Resources

Question 2

Source code refers to:

A human-readable version of computer software

The license that dictates how you may use and share the software

The interface that software uses to talk to the kernel

The version of a program that the computer runs on the CPU

Question 3

Open source licenses differ, but generally agree that:
(choose two)

Search

Cloud

File

Mail

Google

YouTube

Windows

Skype

Photoshop

PowerPoint

Excel

Word

End of session

27-02-2025

Help & Resources

Help & Resources

Time elapsed: 3 minutes, 52 seconds

Question 4

A copyleft provision in a software license means:

- You must provide support for your modifications.
 - You give up your copyright to the software.
 - If you redistribute the software, you must distribute the source to any changes you make.
 - You must provide free copies of the software if you use it.
 - You may not link against third party closed source software.

Question 5

The Free Software Foundation believes that
(choose two)



END 09:56 27-02-2025

Help & Resources

Help & Resources

Time elapsed: 4 minutes, 16 seconds

Question 5

The Free Software Foundation believes that:
(choose two)

- Software should be free to share
- No money should ever change hands
- People should write software with no expectation of making money
- Software should not have copyright
- Software should be free to modify

Question 6

Who founded the Open Source Initiative?



TNG US 23-02-2025

Help & Resources

Help & Resources

Time elapsed: 4 minutes, 32 seconds

 Software should be free to modify

Question 6

Who founded the Open Source Initiative?
(choose two)

 Linus Torvalds Richard Stallman Bruce Perens University of California at Berkeley Eric Raymond

Question 7

ENO
US 08:56 27-02-2005 20:57

Help & Resources

Help & Resources

Time elapsed: 4 minutes, 47 seconds

Question 7

A generic term for Open Source and Free Software is:

- Libre Software
- FLOSS
- SLOFF
- GPL
- OSIFS

Question 8

Creative Commons licenses allow you to:
(choose three)



ENG
US 09:50 27-02-2025 20:57

Help & Resources

Help & Resources

Time elapsed: 5 minutes, 30 seconds

OS/FS:

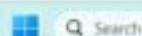
Question 8

Creative Commons licenses allow you to:
(choose three)

- Get a veto on where the work is used
- Specify whether or not people may distribute changes
- Specify whether or not changes must be shared
- Receive royalties on the use of the work
- Allow or disallow commercial use

Question 9

Permissive free software licenses:



ENG
US 08:56
27-02-2025 20:56

Help & Resources

Help & Resources

Time elapsed: 5 minutes, 43 seconds

 Allow or disallow commercial use

Question 9

Permissive free software licenses:
(choose three)

- Are not approved by the FSF
- Don't have a copyleft provision
- Include the GPLv2 and BSD
- Are not approved by the OSI
- Can allow software to be used inside closed source software

Question 10

Q Search



NDG US 20:58 27-02-2025

Help & Resources

Help & Resources

Time elapsed: 5 minutes, 59 seconds

 Can allow software to be used inside closed source software

Question 10

The Creative Commons version of Public Domain licensing is:

- Attribution-NonCommercial-ShareAlike (CC BY-NC-SA)
- Attribution-NonCommercial (CC BY-NC)
- Attribution (CC BY)
- No Rights Reserved (CC0)
- NoAttribution-ShareAlike (CC BY-SA)

Submit Answers

ENG
US 20:59
27-02-2025

Chapter 04 Exam

1

90%

90%

9 / 10

The screenshot shows a Cisco Networking Academy (NDG) Linux Essentials quiz window. The top bar includes the NDG logo, the title "Linux Essentials", and a progress indicator showing "Saved". The time elapsed is "4 minutes, 0 seconds". On the left, a sidebar titled "Help & Resources" has a "Help & Resources" section highlighted. The main area contains two questions:

Question 1
Select the command that can report the location of a command:
 which
 where
 what

Question 2
A pair of single quotes (') will prevent the shell from interpreting any metacharacter.
True or False?
 True
 False



Time elapsed: 4 minutes, 22 seconds

 False

Question 3

A pair of double quotes (") will prevent the shell from interpreting any metacharacter.
True or False?

 True False

Question 4

Using a pair of back quotes (`) will cause a shell to execute the back-quoted text as a command and substitute the output back into the original command.
True or False?

 True False

Search

ENG
US21:08
27-02-2025

The screenshot shows a quiz interface from Cisco Networking Academy. At the top left, the Cisco Networking Academy logo is visible. Next to it is the NDG logo and the title "Linux Essentials". On the far right are icons for a clipboard, a green checkmark, and a close button (X). The main area contains two questions. Question 5 asks if a semicolon can separate multiple commands, with "True" selected. Question 6 asks if double ampersands conditionally execute commands, with "False" selected. A sidebar on the left lists "Help & Resources". The bottom of the screen shows a taskbar with various application icons.

Time elapsed: 4 minutes, 34 seconds

Question 5

The semicolon (;) can be used to separate multiple commands to be executed in order.
True or False?

True

False

Question 6

The double ampersand characters (&&) are used to separate commands to be executed conditionally, where if the command to the left of the ampersands fails, then the command to the right of the ampersands will be executed.
True or False?

True

False

Help & Resources

Help & Resources

Time elapsed: 4 minutes, 50 seconds

Question 7

To execute the same command as previously executed five commands ago, you would type:

 1-5 4-5 1-5 8-5

Question 8

The shell program interprets the commands you type into the terminal into instructions that the Linux operating system can execute.
True or False?

 True

ENG US 21:08 27-02-2025

Networking Cisco Academy **NDG** Linux Essentials

Help & Resources

Time elapsed: 5 minutes, 7 seconds

Question 9

The `echo` command:

- Copies variables from one to another
- Is used to output text to the console
- Is used for variable assignment
- Duplicates the input stream to the output stream
- Tests a variable for duplication

Question 10

The most common shell used for Linux distributions is the _____ shell.

Search               ENO US 25.08 27-02-2025

The screenshot shows a Cisco Networking Academy (NDG) Linux Essentials quiz window. The top navigation bar includes the Cisco Networking Academy logo, NDG, and the title "Linux Essentials". A progress bar indicates "Time elapsed: 5 minutes, 20 seconds". On the left, a sidebar titled "Help & Resources" contains a "Help & Resources" section. The main content area displays a question: "The most common shell used for Linux distributions is the _____ shell." with four options: Tach, Zsh, Bash, and Fish. The "Bash" option is selected. At the bottom right is a "Submit Answers" button.

Time elapsed: 5 minutes, 20 seconds

Help & Resources

Help & Resources

Question 10

The most common shell used for Linux distributions is the _____ shell.

- Tach
- Zsh
- Bash
- Fish

Submit Answers

Module 5 - Command Line Skills



 Chapter 5



 Lab 05

Graded



 Chapter 05 Exam

Graded



[Chapter 05 Exam](#)

1

100%

100%

10 / 10

10

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 06 Exam

Chapter 06 Exam

Time elapsed: 1 minute, 16 seconds

Question 1

The command `man -k` is the same as the command `apropos`. True or False?

 True False

Question 2

The `whatis` command is the same as `man -w`.

 True False

Question 3

Search



ENG US 22:23 27-02-2025

10

Linux Essentials

Time elapsed: 1 minute, 34 seconds

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 06 Exam

Chapter 06 Exam

Question 3

Which two pager commands are used by the man command to control movement within the document?
(choose two)

- `grep`
- `page`
- `less`
- `more`

Question 4

Commands typically executed by a user are covered in what section of the manual?

- 5

Search



ENG US 08 27-02-2025 22:23

10

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 06 Exam

Chapter 06 Exam

Time elapsed: 1 minute, 47 seconds

Question 4

Commands typically executed by a user are covered in what section of the manual?

- 5
- 3
- 2
- 1

Question 5

To search the man page sections for the keyword `example`, which of the following command lines could you execute?
(choose two)

- `man -k example`

Search

ENG
US 27-02-2025 22:23

10

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 06 Exam

Chapter 06 Exam

Time elapsed: 2 minutes, 1 seconds

• 1

Question 5

To search the man page sections for the keyword `example`, which of the following command lines could you execute?
(choose two)

 `man -k example` `man -f example` `apropos example` `whatis example`

Question 6

To get help while using the `info` command, press:



DNO US 22:23 27-02-2015

10

Linux Essentials

ATTEMPTS

0 / Unlimited

INSTRUCTIONS

Chapter 06 Exam

Chapter 06 Exam

Time elapsed: 2 minutes, 40 seconds

Question 6

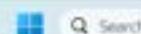
To get help while using the info command, press:

- A
- g
- Shift+z
- Shift+H

Question 7

To exit the info page, press:

- Q
- x



ENG US 08 27-02-2025 22:24

10

Linux Essentials

Time elapsed: 2 minutes, 53 seconds

ATTEMPTS:
0 / Unlimited

INSTRUCTIONS

Chapter 06 Exam

Chapter 06 Exam

Question 8

The `info` command merges all available documentation into a single "book".
True or False?

True

False

Question 9

The `man` command searches each of the sections in order until it finds a match.
True or False?

True

False



ENG
US 08 27-03-2025 22:24

10

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 06 Exam

Chapter 06 Exam

Time elapsed: 3 minutes, 6 seconds

The `man` command searches each of the sections in order until it finds a match.
True or False?

 True False

Question 10

The `man -s` command will only return the first result for which section a man page is stored in.
True or False?

 True False

Submit Answers



Chapter 06 Exam

POINTS 10	CATEGORY Linux Essentials
ATTEMPTS 0 / Unlimited	

INSTRUCTIONS
Chapter 06 Exam

Chapter 06 Exam

Assignment Content

Chapter 06 Exam

Previous Attempts

1 attempts with unlimited remaining

Feb. 27, 2025, 10:25 p.m. 80% 9 / 10 View

Warning
You received a grade of 90% on your last attempt. If you take this assessment again your new grade will replace your previous grade.

You have taken this assessment 1 times. You have an unlimited number of attempts remaining. Click the Begin button to get started. Make sure you complete all questions and submit your answers when you are done.

Begin Assessment



ENG US 27-02-2025



Module 6 - Getting Help

Chapter 6



Lab 06

Graded



Chapter 06 Exam

Graded



The screenshot shows a Cisco Networking Academy exam interface. The top navigation bar includes the Cisco Networking Academy logo, NDG, and the title "Linux Essentials". On the left, there are sections for "ATTEMPTS" (0 / Unlimited) and "INSTRUCTIONS" (Chapter 07 Exam). A green box highlights "Chapter 07 Exam". The main area displays two questions:

Question 1
What option for the `ls` command will display all files, including hidden files?
 -a
 -c
 -d
 -f

Question 2
Is the following path absolute or relative?
`/etc/ppp`
 Absolute

10

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 07 Exam

Chapter 07 Exam

Time elapsed: 4 minutes, 53 seconds

Answer

Question 3

Is the following path absolute or relative?

sysadmin/documents

Absolute

Relative

Question 4

The tilde (~) is used to represent:

Nothing, it has no special meaning

A user's home directory

The directory above the current working directory



Search



ENG

US



32:40
27-02-2025

10

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 07 Exam

Chapter 07 Exam

Time elapsed: 5 minutes, 12 seconds

 Any two single characters

Question 5

Which of the following commands can be used to access the home directory of the user "bob" while logged in as root?
(choose two)

 cd .. ~bob cd /home/bob cd -cd

Question 6

The double dot (. .) can be used with the `cd` command to represent:

Q Search

ENG
US32:41
27-02-2025

10

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 07 Exam

Chapter 07 Exam

Time elapsed: 9 minutes, 9 seconds

 cd ..

Question 6

The double dot (..) can be used with the `cd` command to represent:

- Nothing; it has no special meaning.
- A user's home directory.
- The directory above the current working directory.
- Any two single characters

Question 7

What command will allow you to change your current working directory?



10

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS:

Chapter 07 Exam

Chapter 07 Exam

Time elapsed: 9 minutes, 24 seconds

What command will allow you to change your current working directory?

 list cd init ls

Question 8.

The double dot (..) can be used to represent the directory...

 ...above the current directory only when using the cd command. ...below the current directory. ...above the current directory.

10

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 07 Exam

Chapter 07 Exam

Time elapsed: 9 minutes, 39 seconds

Question 9

The `ls` command without options or arguments...

- ...lists the contents of the current directory.
- ...generates an error as this command requires arguments.
- ...prompts for a directory to list.
- ...lists the contents of a user's home directory.

Question 10

The first character in a long listing (`ls -l`) indicates:

- The permissions
- If something is a file, directory, or symbolic link

ENG
US 22:45
27-02-2015

Chapter 07 Exam

POINTS
10CATEGORY
Linux EssentialsATTEMPTS
1 / Unlimited

INSTRUCTIONS

Chapter 07 Exam

Chapter 07 Exam

Chapter 07 Exam

Previous Attempts

1 attempts with unlimited remaining

Feb. 27, 2025, 10:45 p.m.

100%

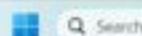
10 / 10

View

Warning

You received a grade of 100% on your last attempt. If you take this assessment again your new grade will replace your previous grade.

You have taken this assessment 1 times. You have an unlimited number of attempts remaining. Click the Begin button to get started. Make sure you complete all questions and submit your answers when you are done.

[Begin Assessment](#)DN
US 08:50 18:20
28-02-2025

 Module 7 - Navigating the Filesystem Chapter 7 Lab 07

Graded

 Chapter 07 Exam

Graded



10

Linux Essentials

Time elapsed: 4 minutes, 11 seconds

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 08 Exam

Chapter 08 Exam

Question 1

Which option(s) can be used to prevent `cp` from overwriting an existing file?
(choose two)

- `-n`
- `-i`
- `-s`
- `-R`

Question 2

The command `cp -z` will...

- generate an error; `-z` isn't a valid option.



10

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 08 Exam

 Chapter 08 Exam

Time elapsed: 4 minutes, 30 seconds

Question 2

The command `rm -r` will...

- generate an error; `-r` isn't a valid option.
- remove a directory along with any files or subdirectories.
- remove only empty directories.
- prompt for each confirmation before deleting each file in a directory.

Question 3

Which option can be used with the `rm` command to prompt before deleting?

- 1



ENG US WiFi 00:00 18:32 28-02-2025

10

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 08 Exam

Chapter 08 Exam

Time elapsed: 4 minutes, 54 seconds

Question 3

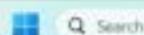
Which option can be used with the `rm` command to prompt before deleting?

- `-i`
- `-R`
- `-r`
- `-p`

Question 4

The `rm` command can delete multiple files at once.
True or False?

- True
- False

ENG
US 00:50 28-02-2025 18:32

The screenshot shows a Cisco Networking Academy exam interface. The top navigation bar includes the Cisco Networking Academy logo, NDG, and the title "Linux Essentials". On the left, a sidebar displays "10 ATTEMPTS" and "0 / Unlimited". Below this is the "INSTRUCTIONS" section, which says "Chapter 08 Exam". A green box highlights "Chapter 08 Exam". The main content area contains two questions:

Question 5
Which of the following commands can be used to rename a file?

mv
 rm
 cp
 rmv

Question 6
Which of the following are glob characters? (choose three)

The dash character -

10

Linux Essentials

ATTEMPTS:
0 / Unlimited

INSTRUCTIONS

Chapter 08 Exam

Chapter 08 Exam

Time elapsed: 5 minutes, 39 seconds

Question 6

Which of the following are glob characters?
(choose three)

- The dash character -
- The question mark ?
- The asterisk *
- The square brackets [and]

Question 7

The main purpose of using glob characters is to be able to provide a list of filenames to a command.
True or False?

- True



10

Linux Essentials

Time elapsed: 6 minutes, 0 seconds

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 08 Exam

Chapter 08 Exam

Question 8

The asterisk character is used to represent zero or more of any character in a filename.
True or False?

 True False

Question 9

Brackets cannot be used to represent a range of characters.
True or False?

 True False

Question 10

DNG
US 00:00 18:33
28-02-2023

The screenshot shows a Cisco Networking Academy exam interface. The top navigation bar includes the Cisco Networking Academy logo, NDG, and the title "Linux Essentials". On the left, there's a sidebar with "INSTRUCTIONS" and "Chapter 08 Exam" sections. The main area displays a question titled "Question 10" with the following text: "Which command would list files that do not begin with a 'z' or a 'w'?". Four options are listed, each preceded by a radio button:

- who /etc/*[zw]
- who /etc/(*zw)
- who /etc/zw
- who /etc/((zw)*)

A "Submit Answers" button is located at the bottom right of the question box. The status bar at the bottom indicates "Time elapsed: 6 minutes, 16 seconds".

← Chapter 08 Exam

Assignment Content

POINTS 10	CATEGORY Linux Essentials
ATTEMPTS 1 / Unlimited	
INSTRUCTIONS Chapter 08 Exam	

Chapter 08 Exam

Previous Attempts

1 attempts with unlimited remaining

Feb. 28, 2025, 6:34 p.m. 100% 10 / 10 View

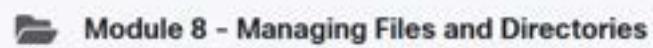
Warning
You received a grade of 100% on your last attempt. If you take this assessment again your new grade will replace your previous grade.

You have taken this assessment 1 times. You have an unlimited number of attempts remaining. Click the Begin button to get started. Make sure you complete all questions and submit your answers when you are done.

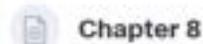
Begin Assessment



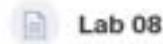
END US 18:34 28-02-2025



Module 8 - Managing Files and Directories



Chapter 8



Lab 08

Graded



Chapter 08 Exam

Graded



10

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 09 Exam

Chapter 09 Exam

Time elapsed: 6 minutes, 41 seconds

Question 1

In general, for which of the following would you want to use lossless compression?

- An mp3 audio file
- A JPEG image
- An encrypted email
- A log file
- A movie

Question 2

You type `gzip myfile.txt`. What happens?
(choose two)ENG
US 08:59
18:55
28-02-2025



10

Linux Essentials

Time elapsed: 7 minutes, 13 seconds

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 09 Exam

Chapter 09 Exam

Question 2

You type `gzip myfile.tar`. What happens?
(choose two)

- myfile.tar is unarchived into the current directory
- myfile.tar is removed
- myfile.tar.gz holds a compressed version of myfile.tar
- An error; you forgot to specify the file with -z
- An error; you forgot to pass the name of the output file

Question 3

How would you obtain output similar to the following?

```
compressed uncompressed_ratio uncompressed_name
```

Q Search



EN US 28-02-2025 18:56

The screenshot shows a Cisco Academy exam interface for 'Linux Essentials'. The left sidebar displays 'INSTRUCTIONS' and 'Chapter 09 Exam'. The main area shows two questions:

Question 3
How would you obtain output similar to the following?
compressed uncompressed static uncompressed_name
278169 1514850 72.6% tags

`ptzip -l tags`

`file tags`

`gunzip -t tags`

Question 4
Which flag would you pass to `tar` in order to have it make a new archive?
 `-j`

`--`

10

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 09 Exam

Chapter 09 Exam

Time elapsed: 8 minutes, 1 seconds

Question 5

In the command `tar -cvf archive.tar a b c`, what are a, b, and c?

- Matching operators; anything starting with a, b, or c will be added
- Extra flags passed to tar
- a is the directory that will be prepended to files; b and c are files inside it
- File names to be added to the archive

Question 6

Given the command `tar -cvf archive.tar /home`, which of the following are true?
(choose two)



~ ENO
18:56
28-02-2025

10

Linux Essentials

ATTEMPTS
0 / Unlimited

Time elapsed: 8 minutes, 18 seconds

INSTRUCTIONS

Chapter 09 Exam

Chapter 09 Exam

- File names to be added to the archive

Question 6

Given the command `tar -cvjf homedir.taz ./home`, which of the following are true?
(choose two)

- The command will print out each filename as it is processed
- Files that are present in the archive might overwrite files in `/home`
- The output file will be compressed
- The `/home` directory will be restored with the contents of `homedir.taz`
- Only files starting with `/home` will be extracted from the archive

Question 7

Q. Search



ENG US 08:56 18-02-2025 18:57

Networking
CISCO Academy

NDG Linux Essentials

10 Linux Essentials Time elapsed: 8 minutes, 34 seconds

ATTEMPTS 0 / Unlimited

INSTRUCTIONS Chapter 09 Exam

Chapter 09 Exam

Question 7

You archived your users' directories into a file called `backup.tar.gz`. You then view the archive and see the filenames follow this convention:

`/home/username/somefile`

How will you extract just the files for the user called `fred`?

`tar -xvf backup.tar.gz /home/fred/`

`tar -xvf backup.tar.gz fred`

`tar -xvf backup.tar.gz home/fred/`

`tar -xvf backup.tar.gz /home/fred`

`tar -xvf /home/fred < backup.tar.gz`

Question 8

10

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 09 Exam

Chapter 09 Exam

Time elapsed: 8 minutes, 53 seconds

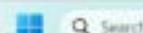
 tar -cf /home/fred < backup.tar.gz

Question 8

Which of the following commands can be used to compress a file?
(choose three)

 gzip bzip2 bzip2 tar zip

Question 9

ENG
US 08 18:57
28-02-2005

50

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 09 Exam

Chapter 09 Exam

Time elapsed: 9 minutes, 45 seconds

Question 9

In the command `tar -zcf foo.tar.gz bar`, what is the purpose of the `-z` flag?

- Tells tar to write to the file that follows the flag
- Tells tar to read from the file that follows the flag
- Tells tar to print the name of each file as it is processed
- Specifies extra compression is to be used
- Tells tar to copy only files, and not directories

Question 10

Which two programs use the Lempel-Ziv-Markov chain algorithm?
(choose two)



ENGLISH 28-02-2025 18:58

10

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Chapter 09 Exam

Chapter 09 Exam

Time elapsed: 10 minutes, 3 seconds

 Tells tar to copy only files, and not directories.

Question 10

Which two programs use the Lempel-Ziv-Markov chain algorithm?
(choose two) bzip lossless lossy xz gzip

Submit Answers

ENG
US 28-02-2025 18:58



Module 9 - Archiving and Compression



Chapter 9



Lab 09

Graded



Chapter 09 Exam

Graded



POINTS

40

ATTEMPTS

0 / Unlimited

CATEGORY

Linux Essentials

INSTRUCTIONS

Midterm Exam (Modules 1-9)

Midterm Exam (Modules 2-9)

Midterm Exam (Modules 2-9)

Time elapsed: 14 minutes, 44 seconds

Question 1

The most popular Linux platform for mobile phones is:

- MobileLinux
- Slackware
- iOS
- BlackBerry
- Android

Question 2

The release cycle:

- Dictates how often software is updated

Search

ENG
US 28-02-2015 19:14

POINTS
40CATEGORY
Linux EssentialsATTEMPTS
0 / Unlimited

INSTRUCTIONS

Midterm Exam (Modules 1-9)

Midterm Exam (Modules 2-9)

Midterm Exam (Modules 2-9)

Time elapsed: 15 minutes, 14 seconds

Question 2

The release cycle:

- Dictates how often software is updated
- Describes how long software will be supported
- Only has meaning for paid software
- Should be long so that you have time before you need to upgrade
- Should be short so you always have the freshest releases

Question 3

What does a distribution provide to add and remove software from the system?

- Bash

Q Search



NDG US 08:56 19:15 28-02-2025

The screenshot shows a Cisco Networking Academy exam interface. The top bar displays the NDG logo and the title "Linux Essentials". On the left, a sidebar shows "POINTS: 40", "CATEGORY: Linux Essentials", and "ATTEMPTS: 0 / Unlimited". Below this is the "INSTRUCTIONS" section with "Midterm Exam (Modules 1-9)". A green box highlights "Midterm Exam (Modules 2-9)". The main area shows Question 3: "What does a distribution provide to add and remove software from the system?" with five options: "Bash", "Partitioning tool", "Package Manager" (selected), "Compiler", and "Application Programming Interface (API)". Question 4: "A maintenance cycle:" is partially visible below. The bottom of the screen shows a taskbar with various icons and the date/time "28-02-2025 19:15".

POINTS

40

CATEGORY

Linux Essentials

ATTEMPTS

0 / Unlimited

INSTRUCTIONS

Midterm Exam (Modules 1-9)

Midterm Exam (Modules 2-9)

Midterm Exam (Modules 2-9)

Time elapsed: 15 minutes, 52 seconds

-
- Application Programming Interface (API)

Question 4

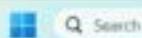
A maintenance cycle:

- Describes how long a version of software will be supported
- Should be short so you always have the freshest releases
- Describes how often updates for software come out
- Should be long so that you have time before you need to upgrade
- Only has meaning for paid software

Question 5

When choosing a distribution of Linux, you should consider:

(choose four).



ENG US ⌂ 08 19:36 30-02-2025



POINTS

40

CATEGORY

Linux Essentials

ATTEMPTS

0 / Unlimited

INSTRUCTIONS

Midterm Exam (Modules 1-9)

Midterm Exam (Modules 2-9)

Midterm Exam (Modules 2-9)

Time elapsed: 16 minutes, 9 seconds

Question 5

When choosing a distribution of Linux, you should consider:
(choose five)

- Popularity on social media
- If the application software is supported by the distribution
- Does the distribution offer a "stable" version
- Will commercial support be required for the OS
- Will users require a GUI
- Does your organization require long-term support for the system

Question 6



POINTS

40

ATTEMPTS

0 / Unlimited

INSTRUCTIONS

Midterm Exam (Modules 1-9)

CATEGORY

Linux Essentials

Midterm Exam (Modules 2-9)

Time elapsed: 16 minutes, 43 seconds

Question 7

Which of the following pieces of software deal with file sharing?
(choose three)

 X-Windows NFS Samba PostgreSQL Netatalk

Question 8

The Linux shell:
(choose three)



ENG
US 26-02-2025 19:16

POINTS
40CATEGORY
Linux EssentialsATTEMPTS
0 / Unlimited

INSTRUCTIONS

Midterm Exam (Modules 1-9)

Midterm Exam (Modules 2-9)

Midterm Exam (Modules 2-9)

Time elapsed: 17 minutes, 0 seconds

Question 8

The Linux shell:
(choose three)

- Is customizable
- Is responsible for tracking the location of configuration files
- Has a built-in text editor
- Allows you to launch programs
- Has a scripting language

Question 9

Virtualization means:



ENG
US 28-02-2025

NDG Cisco Academy | **Linux Essentials**

POINTS 40	CATEGORY Linux Essentials
ATTEMPTS 0 / Unlimited	

INSTRUCTIONS:
Midterm Exam (Modules 1-9)

Midterm Exam (Modules 2-9)

24. Midterm Exam (Modules 2-9)
Time elapsed: 17 minutes, 23 seconds

Question 9

Virtualization means:

A single host can be split up into multiple guests.

Two users get different memory spaces on the same machine.

A machine can swap memory to disk.

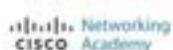
Many users can share one hard drive.

A user can connect to a server over the network and use a virtual console.

Question 10

In graphical mode, you can get to a shell by running which applications? (choose two)

Search          



ANDG

Linux Essentials

POINTS

40

CATEGORY

Linux Essentials

ATTEMPTS

0 / Unlimited

INSTRUCTIONS

Midterm Exam (Modules 1-9)

Midterm Exam (Modules 2-9)

Midterm Exam (Modules 2-9)

Time elapsed: 17 minutes, 46 seconds

Question 10

In graphical mode, you can get to a shell by running which applications?
(choose two)

 Terminal console Xterm Gbash Guilem

Question 11

Source code refers to:



ENG US 28-03-2025 19:17

POINTS

40

ATTEMPTS

0 / Unlimited

CATEGORY

Linux Essentials

INSTRUCTIONS

Midterm Exam (Modules 1-9)

Midterm Exam (Modules 2-9)

Midterm Exam (Modules 2-9)

Time elapsed: 18 minutes, 3 seconds

Question 11

Source code refers to:

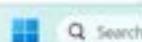
- The version of a program that the computer runs on the CPU
- The license that dictates how you may use and share the software
- A human-readable version of computer software
- The interface that software uses to talk to the kernel

Question 12

Open source means:

(choose two)

- You must share your changes



Search

ENG
US 19:18
28-02-2025

POINTS

40

CATEGORY

Linux Essentials

ATTEMPTS

0 / Unlimited

INSTRUCTIONS

Midterm Exam (Modules 1-9)

? Midterm Exam (Modules 2-9)

24 Midterm Exam (Modules 2-9)

Time elapsed: 18 minutes, 21 seconds

 The interface that software uses to talk to the kernel

Question 12

Open source means:
(choose two)

- You must share your changes
- You can view the software's source code
- You must support the software you share
- You cannot charge anything for the software
- You can modify the software's source code

Question 13

A copyleft provision in a software license means:



POINTS

40

ATTEMPTS

0 / Unlimited

CATEGORY

Linux Essentials

INSTRUCTIONS

Midterm Exam (Modules 1-9)

Midterm Exam (Modules 2-9)

Midterm Exam (Modules 2-9)

Time elapsed: 16 minutes, 38 seconds

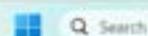
Question 13

A copyleft provision in a software license means:

- You must provide support for your modifications
- If you redistribute the software, you must distribute the source to any changes you make
- You must provide free copies of the software if you use it
- You give up your copyright to the software
- You may not link against third party closed source software

Question 14

Linux is distributed under which license?



POINTS
40CATEGORY
Linux EssentialsATTEMPTS
0 / Unlimited

INSTRUCTIONS

Midterm Exam (Modules 1-9)

Midterm Exam (Modules 2-9)

Midterm Exam (Modules 2-9)

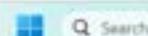
Time elapsed: 19 minutes, 4 seconds

Question 14

Linux is distributed under which license?

- GPLv3
- Linux Foundation
- MIT
- GPLv2
- BSD

Question 15

ENO
US
28-02-2025
19:19

40

Linux Essentials

ATTEMPTS
0 / Unlimited

Time elapsed: 19 minutes, 20 seconds

INSTRUCTIONS

Midterm Exam (Modules 1-9)

Midterm Exam (Modules 2-9)

Question 15

Creative Commons licenses allow you to:
(choose three)

- Receive royalties on the use of the work
- Specify whether or not people may distribute changes
- Allow or disallow commercial use
- Get a veto on where the work is used
- Specify whether or not changes must be shared

Question 16

Which environment variable contains a list of directories that is searched for commands to execute?



40

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS:

Midterm Exam (Modules 1-9)

Midterm Exam (Modules 2-9)

Time elapsed: 19 minutes, 45 seconds

Question 16

Which environment variable contains a list of directories that is searched for commands to execute?

 EXEC PS1 PATH PS2

Question 17

Select the command that can report the location of a command:

 which where

Q Search

ENG
US 28-02-2025 19:19

40

Linux Essentials

ATTEMPTS

0 / Unlimited

INSTRUCTIONS

Midterm Exam (Modules 1-9)

3 Midterm Exam (Modules 2-9)

Time elapsed: 20 minutes, 2 seconds

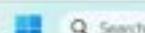
Question 18

A pair of double quotes (" ") will prevent the shell from interpreting any metacharacter.
True or False?

 True False

Question 19

The shell program interprets the commands you type into the terminal into instructions that the Linux operating system can execute.
True or False?

 True FalseENG
US 08 18:29
29-03-2025

40

Linux Essentials

ATTEMPTS
0 / Unlimited

INSTRUCTIONS

Midterm Exam (Modules 1-9)

 Midterm Exam (Modules 2-9)

Time elapsed: 20 minutes, 20 seconds

Question 20

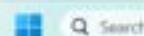
The acronym CLI stands for:

- Command Line Interface
- Command Line Interpreter
- Computer Link Interpreter
- Computer Line Interface

Question 21

The most common shell used for Linux distributions is the _____ shell.

- Bash
- Zsh



ENGLISH US 08 28-03-2025 13:20

Midterm Exam (Modules 2-9)

Time elapsed: 21 minutes, 40 seconds

Question 22

Which two pager commands are used by the man command to control movement within the document?
(choose two)

grep

page

more

less

Question 23

To search the man page sections for the keyword example , which of the following command lines could you execute?
(choose two)

apropos example

man -k example



ENG
US



19:21
28-02-2025

Question 24

The statement that describes the difference between a man page and an info page is:

- The man page is a long detailed reference; the info page is very terse.
 - The info page is like a guide; a man page is a more concise reference.
 - The man page is like a guide; the info page is a more concise reference.
 - There is very little difference between them.

Question 25

The following sections commonly appear on a man page
(choose three)

- SYNOPSIS



☰ Midterm Exam (Modules 2-9)

Time elapsed: 22 minutes 19 seconds

Question 25

The following sections commonly appear on a man page
(choose three)

- SYNOPSIS
 - NAME
 - DESCRIPTION
 - LICENSE

Question 26

The top-level directory on a Linux system is represented as

- 1



ENG
US



19:22
28-02-2025

☰ Midterm Exam (Modules 2-9)

Time elapsed: 22 minutes, 37 seconds

Question 27

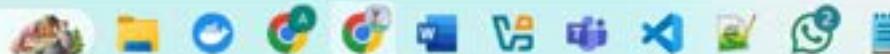
The tilde (~) is used to represent:

- Any two single characters
 - A user's home directory
 - The directory above the current working directory
 - Nothing; it has no special meaning

Question 28

The `cd` command by itself will take you to what directory?

- Your home directory
 - None; it is not a valid command
 - The directory above the current working directory



1

ENG
US

⑩

39

1922
03-3025

Midterm Exam (Modules 2-9)

Time elapsed: 23 minutes, 5 seconds

What command will allow you to change your current working directory?

cd

ls

chdir

list

Question 30

The first character in a long listing (`ls -l`) indicates:

The size

The owner

The permissions

If something is a file, directory, or symbolic link



ENG
US



19:23
28-02-2025

Question 31

Which of the following commands can be used to rename a file?

- `rm`
- `mv`
- `name`
- `cp`

Question 32

The `touch` command can be used to:
(choose two)

- Create new files
- Update the timestamp of existing files
- Change a file's name

h



ENG
US



19:23
28-02-2025

Question 33

Which of the following are glob characters?
(choose three)

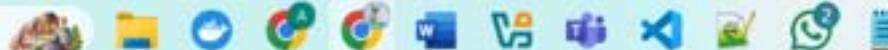
- The square brackets [and]
 - The dash character -
 - The question mark ?
 - The asterisk *

Question 34

The main purpose of using glob characters is to be able to provide a list of filenames to a command. True or False?

- True
 - False

Question 35



Midterm Exam (Modules 2-9)

Time elapsed: 23 minutes, 57 seconds

Question 35

The asterisk character is used to represent zero or more of any character in a filename.
True or False?

True

False

Question 36

Compression of a file works by:

- Removing redundant information
- Consolidating multiple files into one
- Storing most of the data on removable media and just leaving a pointer
- Eliminating gaps within the file
- Removing the high order bit from each byte



ENG
US 19:24
28-02-2025

Question 37

Lossy compression
(choose three)

- Is often used with images
 - Sacrifices some quality
 - Usually results better compression than lossless
 - Is often used with documents
 - Decompresses to an identical version as the original

Question 38

Which of the following commands can be used to compress a file?
(choose three)

- benz1g3



Question 38

Which of the following commands can be used to compress a file?
(choose three)

- bunzip2
- bzip1
- cat
- zip
- gzip

Question 39

The three main modes of tar are:
(choose three)

- Compress
- Extract



Midterm Exam (Modules 2-9)

Time elapsed: 24 minutes, 48 seconds



Question 39

The three main modes of `tar` are
(choose three)

- Compress
 - Extract
 - List
 - Create
 - Copy

Question 40

In the command `tar -caf foo.tar.gz bar`, what is the purpose of the `c` flag?



1

ENG
US



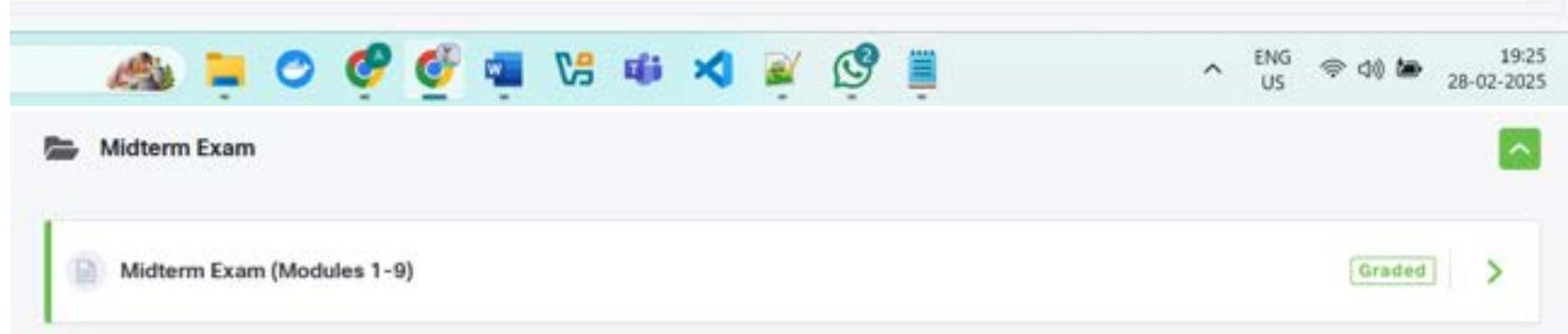
19:24
8-02-2025

Question 40

In the command `tar -cavf foo.tar.gz bar`, what is the purpose of the `c` flag?

- Specifies extra compression is to be used
 - Tells tar to print the name of each file as it is processed
 - Tells tar to read from the file that follows the flag
 - Tells tar to write to the file that follows the flag
 - Tells tar to copy only files, and not directories

[Submit Answers](#)



© Chapter 10 Exam

Time elapsed: 2 minutes, 45 seconds

Question 1

Which of the following commands will direct error messages to the file, error.log?

- ls /root 2> error.log
 - ls /root >> error.log
 - ls /root > error.log
 - ls /root 4> error.log

Question 2

A pipe allows you to

- ...type multiple commands at one prompt.
 - ...send the same input to multiple commands.
 - ...send the output of one command to another

and thus, *pathogen* is synonymous to a filo-



8

ENG
US



19:31
28-02-2025

Chapter 10 Exam

Time elapsed: 3 minutes, 1 seconds

Question 3

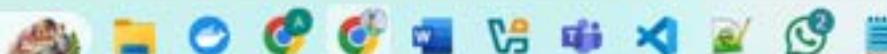
Channel 2 is

- STDERR
- STDAALL
- STDOUT
- STDIN

Question 4

Which of the following commands will append its output to output.file?

- echo Testing > output.file
- echo Testing >> output.file
- output.file < echo Testing
- echo Testing -> output.file



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Question 5

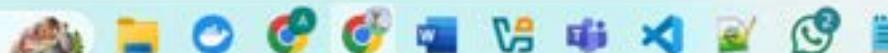
Which of the following commands will display only lines that begin with `test`?

- grep >test* file.txt
 - grep >test file.txt
 - grep >test file.txt
 - grep >test file.txt

Question 6

Which of the following commands can be used to scroll through a text file?
(choose two)

- 未读
 已读



Question 7

Which option for the `cut` command is used to specify a delimiter?

- d
- f
- p
- s

Question 8

Which option for the `wc` command will print the total number of words in a file?

- w
- L
- c
- l



Question 9

Which command can be used to print line numbers?

- ln
- sort
- nl
- sum

Question 10

The command echo "text" >> file.txt will not overwrite file.txt if it already exists.
True or False?

- True
- False

Submit Answers



 Module 10 - Working with Text



 Chapter 10



 Lab 10

Graded



 Chapter 10 Exam

Graded



Chapter 11 Exam

Time elapsed: 4 minutes, 21 seconds

Question 1

Which are appropriate editors for writing shell scripts?
(choose two)



LibreOffice Writer



/bin/bash



nano



Firefox

Question 2

Most of **nano**'s commands take the form of:



Mouse clicks



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US



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☰ Chapter 11 Exam

Time elapsed: 4 minutes, 51 seconds

- nanoc

- Firefox

Question 2

Most of `name`'s commands take the form of:

- Mouse clicks
 - The F1 through F12 function keys
 - Escape followed by another character
 - Alt and another character
 - Control and another character

Question 3



6

ENG
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Question 3

Which of the following are correct about for and while loops?
(choose two)

- for loops operate over a fixed list of items
- while loops have a test each cycle to determine if it should run again
- for loops have a test each cycle to determine if it should run again
- for loops require a variable over which to iterate
- while loops operate over a fixed list of items

Question 4

What is the correct way to assign the word "Hello" to a variable?

- A = "Hello"



Question 4

What is the correct way to assign the word "Hello" to a variable?

- A = "Hello"
 - echo "Hello" &gtf; A
 - SA="Hello"
 - echo SA "Hello"
 - A="Hello"

Question 5

How would you finish your script with an exit code of 42?

- exit 42
 - break 42



34 Chapter 11 Exam

Time elapsed: 5 minutes, 52 seconds

Question 6

The `if` command looks for what exit code to consider a condition to be true?

- 2
○ 10
● 8
○ 1
○ 25

Question 7

The number of users logged in is in a variable called `USERS`. How would you best to see if there are 5 users logged in?

- test IUSERS, 3
 - test IUSERS -a 5
 - test IUSERS -eq 5



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Question 8

A conditional that lets you make multiple comparisons with a pattern is called:

- fanout
 - case
 - test
 - if
 - branch

Question 9

What is the meaning of $\pi((\pi z + 1))$?

- 1. will be added to the `z` variable
 - This will return the value of the next argument to the script



Chapter 11 Exam

Time elapsed: 6 minutes, 27 seconds

- This will return the value of the next argument to the script
- This runs the command stored in variable `1`
- If `1` is `0`, the loop will stop
- This will return the value of the first argument to the script

Question 10

How would you write a test that says "If `/tmp/foo` is a directory or `USERS` is greater than 5"?

- `test /tmp/foo || $USERS > 5`
- `test -d /tmp/foo | $USERS > 5`
- `test -d /tmp/foo -o $USERS -gt 5`
- `test /tmp/foo -d -o $USERS -gt 5`

Submit Answers



 Module 11 - Basic Scripting



 Chapter 11



 Lab 11

Graded



 Chapter 11 Exam

Graded



 Chapter 12 Exam

Time elapsed: 2 minutes, 53 seconds

Question 1

Which of the following are valid CPU types for Intel-based platforms? (choose two)

- 64-bit
 - 24-bit
 - 32-bit
 - 48-bit

Question 2

64 bit platforms can access more memory than 32 bit platforms.
True or False?

- True

Question 3



2

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Question 3

Which of the following are common busing systems?
(choose two)

CPU

BIOS

USB

RAM

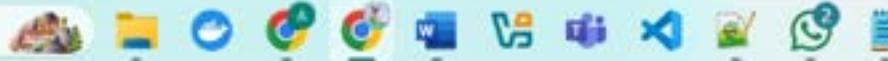
PCI

Question 4

The `fdisk` command is a tool used for working with the MBR partitioned disks.
True or False?

True

False



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Question 5

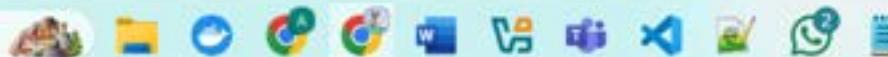
Which of the following is the valid device file name for the first IDE hard drive on the system?

- /dev/fde
 - /dev/sda
 - /dev/hda
 - /dev/hdt

Question 6

Which of the following are valid video cable connector types? (choose two)

- DVI
 - AMD
 - HDA
 - VGA



Question 7

Which of the following commands will display CPU information?
(choose two)

 arch showcpu lscpu lscpu cpufreqinfo

Question 8

What are the advantages of solid state disks when compared to traditional spinning platter hard disks?
(choose three)

 Less heat Higher capacityENG
US19:49
28-02-2025

Question 8

What are the advantages of solid state disks when compared to traditional spinning platter hard disks?
(choose three)

- Less heat
- Higher capacity
- Faster system boot times
- Low power consumption
- Low cost

Question 9

Software that allows hardware devices to communicate with the installed operating system is called?

- Programs
- Packages
- Drivers
- Instructions



 Chapter 12 Exam

Time elapsed: 4 minutes, 54 seconds

- Drivers

- ### ○ Instructions

Question 10

Which of the following commands will check hard disk MBR partitions? (choose three)

- 附錄上

- 988

- 第11章

- efalsh

- 基础

Submit Answers



2

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Module 12 - Understanding Computer Hardware

 Chapter 12 Lab 12Graded Chapter 12 ExamGraded

Chapter 13 Exam

Time elapsed: 2 minutes, 8 seconds

Question 1

The `/proc` directory contains a subdirectory for each process present on the system.
True or False?

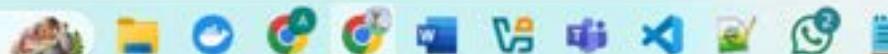
- True
- False

Question 2

The following system load averages are displayed by the `top` command.
(choose three)

- 15 minute
- 1 minute
- 5 minute
- 10 minute

Question 3



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28-02-2025

Question 3

The `free` command outputs statistics about:

- Software usage
- Memory usage
- Disk usage
- CPU usage

Question 4

Which log file contains messages regarding authentication and authorization?

- dmesg
- secure
- messages
- syslog



Question 5

All log files contain only text data.
True or False?

- True
 False

Question 6

A load average of 1.0 always means the system is fully loaded.
True or False?

- True
 False

Question 7

To make changes permanent for kernel parameter files found under `/proc/sys`, the following file can have entries added to it.

- `/etc/procsys.conf`



Question 7

To make changes permanent for kernel parameter files found under `/proc/sys`, the following file can have entries added to it:

- /etc/procsys.conf
- /etc/sysinfo.conf
- /etc/sysctl.conf
- /etc/procctl.conf

Question 8

The `/var` directory has files that change over time.
True or False?

- True
- False

Question 9



Question 9

What does the acronym FHS stand for among the standards supported by the Linux Foundation?

- File Hierarchy Standard
 - Filesystem Hierarchy Standard
 - Filesystem Hierarchy Standard

Question 10

The `/sbin` directories are primarily intended to be used by the root user.
True or False?

- True
 - False

[Submit Answers](#)



10

ENG
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 Module 13 - Where Data is Stored Chapter 13 Lab 13

Graded

 Chapter 13 Exam

Graded



POINTS
10ATTEMPTS
0 / UnlimitedCATEGORY
Linux Essentials

INSTRUCTIONS

Chapter 14 Exam

Chapter 14 Exam

EX Chapter 14 Exam

Time elapsed: 2 minutes, 41 seconds

Question 1

A service is...

- ... a feature provided by one computer to another.
- ... a file that contains configuration information.
- ... another name for a computer's hostname.
- ... like an IP address.

Question 2

A network packet contains...
(choose two)

- ... the name of the router.
- ... the IP address of the remote machine.

Search

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Chapter 14 Exam

Assignment Content

POINTS: 10

CATEGORY: Linux Essentials

ATTEMPTS: 0 / Unlimited

INSTANCES:

Chapter 14 Exam

Chapter 14 Exam

EX Chapter 14 Exam

Time elapsed: 3 minutes, 32 seconds

Question 4

Which of the following are valid IPv4 addresses?
(choose two)

192.105.10.10.2

192.105.10.10

10.33.55.77

192.301.25.25

Question 5

Which of the following commands will display the routing table?
(choose two)

`route`

`netstat -r`

Chapter 14 Exam

POINTS: 10

CATEGORY: Linux Essentials

ATTEMPTS: 0 | Unlimited

INSTRUCTIONS:

Chapter 14 Exam

Chapter 14 Exam

Time elapsed: 2 minutes, 52 seconds

Question 6

Which of the following commands will allow you to log into a remote machine?

`ls`

`ll`

`ssh`

`netstat`

Question 7

What option to the `netstat` command has information shown as numbers rather than names?

`-n`

`-t`

`-l`

Chapter 14 Exam

Assignment Content

POINTS 10	CATEGORY Linux Essentials
ATTEMPTS 0 / Unlimited	

INSTRUCTIONS
Chapter 14 Exam

Chapter 14 Exam

EX Chapter 14 Exam

Time elapsed: 4 minutes, 9 seconds

Question 8

Which of the following commands will allow you to log into the machine `www.vcl` with the account name `vcl`?

- `ssh vcl@www.vcl`
- `ssh vcl@www.vcl`
- `ssh www.vcl@vcl`
- `ssh www.vcl@vcl`

Question 9

When issuing the `service network restart` command, which of the following occurs?

- ...brings up all network interfaces, re-reads all related configuration files and then the networking for the system is restarted.
- ...takes down all network interfaces, re-reads all related configuration files and then the networking for the system is restarted.
- ...the networking for the system is stopped and then started back up.

Search

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 Chapter 14 Exam

POINTS: 10
ATTEMPTS: 0 / Unlimited

CATEGORY: Linux Essentials

INSTRUCTIONS: Chapter 14 Exam

Chapter 14 Exam

EX Chapter 14 Exam

Time elapsed: 4 minutes, 24 seconds

brings up all network interfaces, re-reads all related configuration files and then the networking for the system is restarted.

takes down all network interfaces, re-reads all related configuration files and then the networking for the system is restarted.

the networking for the system is stopped and then started back up.

Question 10

Which of the following commands can be used to display socket statistics, and supports all major packet and socket types?

karp

ldmstats

net

ssuite

Submit Answers



Module 14 - Network Configuration

 Chapter 14 Lab 14

Graded

 Chapter 14 Exam

Graded



Chapter 15 Exam

Chapter 15 Exam



Assignment Content

Time elapsed: 1 minute, 57 seconds

Question 1

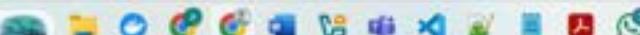
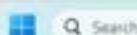
Which command will display the UID, GID and groups your current user belongs to?

- id
- whoami
- id
- Who

Question 2

Each user belongs to at least one group.
True or False?

- True
- False



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Chapter 15 Exam

X Chapter 15 Exam

Assignment Content

Time elapsed: 2 minutes, 0 seconds

Question 3

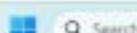
Which of the following commands will display the group(s) a user belongs to?

- whoami
- id
- id
- groups

Question 4

The /etc/shadow file contains plain-text passwords.
True or False?

- True
- False



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Chapter 15 Exam

Assignment Content

Chapter 15 Exam

Time elapsed: 2 minutes, 17 seconds

Question 5

Which command can be used to view the /etc/passwd file entries?

getent

cat

grepuser

upstart

Question 6

All Linux systems allow administrators to log in as root.

True or False?

True

False



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False

Question 7

Which command will display the groups that the root user belongs to?

- `groups -h`
- `groups -t`
- `all -h`
- `id -a`
- `all`

Question 8

The first line of this command displays how long the system has been running since being rebooted.





Chapter 15 Exam

Assignment Content

Chapter 15 Exam

Time elapsed: 2 minutes, 57 seconds

Question 8

The first line of this command displays how long the system has been running since being rebooted.

- a) `df`
- b) `ps aux`
- c) `cat /proc/uptime`
- d) `who`

Question 9

Title: /etc/shadow file contains encrypted passwords.
True or False?

- a) True



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Chapter 15 Exam

Chapter 15 Exam

Time elapsed: 3 minutes, 13 seconds

 True False

Question 10

Which command can be used to view the /var/Log/wtmpx file entries?

 uptime last perrorstat wtmp ptree

Submit Answers

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 Module 15 - System and User Security



 Chapter 15



 Lab 15

Graded



 Chapter 15 Exam

Graded



Chapter 16 Exam

X Chapter 16 Exam

Assignment Content

Time elapsed: 9 minutes, 46 seconds

Question 1

If a user is deleted, the files and directories that the user owned:

will show a UID as the owner, but not user name.

will have no user owner.

will have no UID owner.

are deleted as well.

Question 2

GIDs under 100 (or 1000) are usually reserved for what kind of groups?

User private groups (UPG).

Administrators

Are not used for groups, but for user accounts

Chapter 16 Exam

Assignment Context

Chapter 16 Exam

Time elapsed: 2 minutes, 17 seconds

Question 2

GIDs under 500 (or 1000) are usually reserved for what kind of groups?

- User private groups (UPG)
- Administrators
- Are not used for groups, but for user accounts
- System use

Question 3

Which of the following options for the `newgrp` command allows you to use a different primary group than the default?

- g
- p



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Chapter 16 Exam

Assignment Context

Chapter 16 Exam

Time elapsed: 2 minutes, 36 seconds.

Question 4

Which of the following options for the `su` command allows you to use a different login shell than the default?

- h
- l
- s
- c

Question 5

Which option for the `usermod` command can be used to specify a user's primary group ID?

- g
- h



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Chapter 16 Exam

Assignment Content

Chapter 16 Exam

Question 6

Time elapsed: 2 minutes, 53 seconds

For root users, the `passwd` command can only be used to change the password of the user running the command.
True or False?

True

False

Question 7

The `groupmod` command can be used to change a group name.
True or False?

True

False

Question 8

The `groupmod` command cannot be used to change a group GID.
True or False?



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Chapter 16 Exam

X Chapter 16 Exam

Assignment Content

Time elapsed: 3 minutes, 15 seconds

Question 8

The `groupmod` command cannot be used to change a group GID.
True or False?

True

False

Question 9

The `groupdel` command can be used to delete primary groups.
True or False?

True

False

Question 10

Which of the following files contains group IDs?



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Chapter 16 Exam

Assignment Content

Chapter 16 Exam

Time elapsed: 3 minutes, 35 seconds

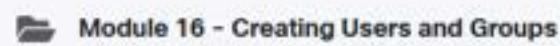
True
False

Question 10

Which of the following files contains group IDs?

/etc/shadow
/etc/group
/etc/passwd
/etc/group

Submit Answers



Module 16 - Creating Users and Groups



Chapter 16



Lab 16

Graded



Chapter 16 Exam

Graded



Question 3

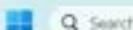
The execute permission on a directory allows you to:
(choose three)

- Along with write permission to successfully delete the directory
- Change to that directory or use it as part of a path
- Along with write permission to successfully create new files
- Along with read permission to successfully perform `ls -l`

Question 4

The execute permission on a file allows you to:

- Run the file as a script



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Question 5

The `chgrp` command can be used on a file by:

- Only the file owner
- The file owner and root
- A user that belongs to the file's current group
- Only root

Question 6

The `chown` command can be used to change the user owner on a file by:

- Only root
- The file owner



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Chapter 17 Exam

Time elapsed: 4 minutes, 8 seconds

The `chown` command can be used on a file by:

- The file owner
- A user that belongs to the files current group
- The file owner and root
- Only root

Question 8

The `chown` command permits changing group ownership done by root only
True or False?

- True
- False



Q Search



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01-03-2025

Chapter 17 Exam

Time elapsed: 4 minutes, 23 seconds

Question 9

The user owner of a file will always have the same or higher permissions as "other". True or False?

True

False

Question 10

Which of the following commands will list hidden files as well as their ownership?

ls -lia

ls -la

ls -lh

 Module 17 - Ownership and Permissions



 Chapter 17



 Lab 17

Graded



 Chapter 17 Exam

Graded



Chapter 18 Exam

Assignment Content

Chapter 18 Exam

Time elapsed: 4 minutes, 21 seconds

Question 1

The sticky bit permission:

- ... prevents others from overwriting files they don't own in common directories.
- ... prevents others from removing files they don't own from a common directory
- ... changes the group ownership of existing files in a directory
- ... sets the group ownership of any new file created in a directory

Question 2

Which of the following commands will set the sticky bit on /shared?

- chmod 4111 /shared

<https://www.infocard.com/launch?id=8d77d77-fa0b-4ab5-8ab1-1250092115&utm-learning&assignment=191376-1e34-4224-936c-c5ef5ccfa0&activeTab=assignmentDetail>



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Chapter 18 Exam

KC Chapter 18 Exam

Assignment Content

Time elapsed: 5 minutes, 46 seconds

Question 4

Which of the following commands will not adjust for the /users/kba/program?

- a) cmd 4751 /users/kba/program
- b) cmd 2751 /users/kba/program
- c) alias 2751 /users/kba/program
- d) None of the above

Question 5

Which of the following commands will not expand on :r command?

- a) !cmd 4751 :rexpand
- b) !cmd 2751 :rexpand
- c) !None of these options are correct
- d) !cmd 2751 :rexpand
- e) !cmd 4751 :rexpand



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Chapter 18 Exam

Assignment Context

Chapter 18 Exam

Time elapsed: 8 minutes, 28 seconds

Question 8

Which of the following commands would create a hard link for `file` to `file1`?

- `ln -s file file1`
- `ln -h file file1`
- `ln -r file file1`
- `ln file file1`

Question 9

Which of the following commands would create a symbolic link, `link`, to `file1`?

- `ln -s file1 link`
- `ln -l file1 link`
- `ln -h file1 link`
- `ln file1 link`

Question 10



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Chapter 18 Exam

Chapter 18 Exam

Assignment Content

Time elapsed: 6 minutes, 45 seconds

 26.7% File 11.6% 26.8% File 11.6%

Question 18

Which of the following directories are designed as locations where any user can create a temporary file?
(choose two)

 Home Temp %temp% %os%\\Temp Admin

Submit Answers



Q Search

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Module 18 - Special Directories and Files



 Chapter 18



 Lab 18

Graded



 Chapter 18 Exam

Graded



End of Course Feedback



 End of Course Feedback

Graded



Final Exam (Modules 10-18)

Final Exam (Modules 10-18) Time elapsed: 5 minutes, 30 seconds

Question 1

A pipe allows you to...

type multiple commands at one prompt

send the same input to multiple commands

send the output of a command to a file

send the output of one command to another

Question 2

Channel 2 is:

STDOUT

STDERR

STDERR

Final Exam (Modules 10-18)

Final Exam (Modules 10-18)

Assignment Content

Final Exam (Modules 10-18)

Time elapsed: 9 minutes, 45 seconds

Question 3

The `grep` command:

- will display all the lines in a file containing the specified Regular Expression
- will display all the lines that begin with the specified Regular Expression
- will display the line numbers in a file that contains a specified Regular Expression
- is not case sensitive

Question 4

Which of the following commands can be used to scroll through a text file?
(choose two)

- `grep`
- `less`
- `more`

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Final Exam (Modules 10-18)

Final Exam (Modules 10-18)

Assignment Content

Time elapsed: 11 minutes, 30 seconds

Which command can be used to print line numbers?

- `line`
- `sort`
- `nl`
- `cat`

Question 6

Which are appropriate editors for writing shell scripts?
(Please find)

- Notepad
- nano
- LibreOffice Writer
- Paint
- vi

Question 7



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US 22:12 01-09-2025

 Final Exam (Modules 10-18)

Assignment Content

 Final Exam (Modules 10-18)

Time started: 10 minutes, 45 seconds

Which of the following are correct about for and while loops?
(choose best)

- for loops require a variable over which to iterate
- for loops have a test each cycle to determine if it should run again
- for loops operate over a fixed list of items
- while loops have a test each cycle to determine if it should run again
- while loops operate over a fixed list of items

Question 8

What is the correct way to assign the word "Hello" to a variable?

- A = "Hello"
- @A="Hello"
- www. @A="Hello"
- @A="Hello"
- www "Hello" upto A



ENGLISH US 22:32 01-09-2025

Final Exam (Modules 10-16)

X Final Exam (Modules 10-16) Time elapsed: 11 minutes, 9 seconds

Question 9

What is the correct way to save the current directory to a variable?

A `let path`

B `path=.`

C `path = .`

D `path=.`

Question 10

What is the meaning of `$(($1 + $2))`?

A If $1 > 2$, the loop will stop

B 1 will be added to the 2 variable

C This runs the command stored in variable 1 .

D This will return the value of the next argument to the script

E This will return the value of the first argument to the script

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Final Exam (Modules 10-18)

Assignment Control

Final Exam (Modules 10-18)

Time elapsed: 71 minutes, 10 seconds

Question 11

Which of the following are valid CPU types for Intel-based platforms?
(choose three)

i3-600

i5-600

i7-600

i9-600

Question 12

Choose all of the following statements that are true in regard to virtual RAM.
(choose three)

Virtual RAM is used when available physical RAM is low.

Virtual RAM is stored on a hard drive.

Virtual RAM is stored in the CPU.

Virtual RAM is also called swap space.

Question 13



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Final Exam (Modules 1D-1E)

X2 Final Exam (Modules 1D-1E) Time elapsed: 11 minutes, 31 seconds

6 Virtual RAM is also called swap space.

Question 13

A division of a hard drive may be referred to as a _____.

disk

partition

portion

label

Question 14

The `fdisk` command is a tool used for working with the MBR partitioned disks.
True or False?

True

False

Question 15

Which of the following commands will display CPU information?
(choose help)

Final Exam (Modules 10-18)

Final Exam (Modules 10-18)

Assignment Content

Time elapsed: 11 minutes, 47 seconds

Question 15

Which of the following commands will display CPU information?
(Please select)

msconfig

task

system

lspow

Question 16

The Process ID (PID) of the Notepad application is:

1

2000

100

0

Search               

ENG
US   22:13
01-29-2025



Final Exam (Modules 10-18)

Final Exam (Modules 10-18)

Assignment Content

Time elapsed: 12 minutes, 3 seconds

Question 17

Which of the following commands will allow you to view all processes on the system?
(Please select)

- ps
- ps -a
- ps -A
- ps -eo
- ps aux

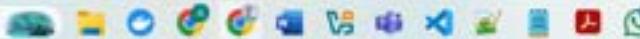
Question 18

Which directory is the root of the Recycle bin?

- AppData
- Temp
- %
- None



Search

ENG
US 08:50 01-09-2025 22:13

Final Exam (Modules 10-18)

Assignment Context

Final Exam (Modules 10-18)

Time elapsed: 12 minutes, 21 seconds

Question 19

A service is...

- a file that contains configuration information.
- like an IP address
- a feature provided by one computer to another
- another name for a computer's hostname.

Question 20

Only servers have hostnames.
True or False?

- True
- False

Question 21

Which of the following are valid IPv4 addresses?
(choose best)

- 192.168.10.10



DNS US ⚡ 08:56 01-09-2025 22:14

Final Exam (Modules 10-16)

Assignment Content

Final Exam (Modules 10-16) Time elapsed: 12 minutes, 39 seconds

Question 21 Which of the following are valid IPv4 addresses? (choose two)

192.168.10.10

192.168.10.10.2

10.23.33.77

782.201.25.25

Question 22 Which of the following commands will allow you to log into a remote machine?

~~ls -l~~

~~rm -rf~~

ssh

del

Question 23

Search  File  Home  Help  Back  Forward  Task View  Taskbar  Start  Task Manager  File Explorer  Edge  Internet Explorer  File  Print  Network  Settings  Task View  Taskbar  Start 

2234
ENG US 01-03-2025

Final Exam (Modules 10-18)

Final Exam (Modules 10-18) Time elapsed: 13 minutes, 31 seconds

Question 25

Each user belongs to at least one group.
True or False?

True

False

Question 26

Which command will display the users that are currently logged in to the system?

who

id

whoami

abcd

Question 27

Which command will display the groups that the root user belongs to?

group -o

Final Exam (Modules 10-16)

Final Exam (Modules 10-16)

Assignment Content

Time elapsed: 11 minutes, 26 seconds

Question 27

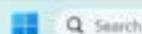
Which command will display the groups that the root user belongs to?

- `groups -u`
- `id`
- `id -u`
- `id -a`
- `groups -a`

Question 28

UIDs 1-499 are usually reserved for what kind of users?

- Remote log-in accounts
- Log-in (human) users
- Are not used for user accounts, but for group accounts
- System accounts, such as server processes



ENG
US 22:35
03-03-2025

Final Exam (Modules 10-18)

Final Exam (Modules 10-18)

Assignment Control

Question 29

Time elapsed: 11 minutes, 45 seconds

Which of the following options for the `suacct` command above need to specify the UID to be associated with the account?

- ✓
- ✓
- ✓
- ✓

Question 30

Which command can be used to determine a user's most recent log on?

- ✓
- ✓
- ✓
- ✓

Question 31

Which of the following files contains encrypted user password information?



ENG US 08:56 01-09-2025 22:15

Final Exam (Modules 10-18)

Assignment Content

Question 21

Which of the following files contains encrypted user password information?

/etc/passwd

/etc/shadow

/etc/group

/etc/hosts

Question 22

Which of the following options for the `usermod` command above would use a different primary group than the default?

-g

-G

-n

-u

Question 23

Which of the following commands can be used to modify a user?



Final Exam (Modules 10-18)

X Final Exam (Modules 10-18)

Assignment Content

Time elapsed: 14 minutes, 23 seconds

Question 33

Which of the following commands can be used to modify a user?

- `usermod`
- `useradd`
- `userdel`
- `passwd`

Question 34

Which of the following are methods for setting permissions using the `chmod` command?
(choose two)

- `wtch`
- `symbolic`
- `rcse`
- `binary`

Question 35



ENGLISH US 08:46 01-09-2025 22:36

Final Exam (Modules 10-18)

Assignment Content

Final Exam (Modules 10-18)

Time expired: 10 minutes, 42 seconds

Question 25

The `chown` command can be used to change the owner and group of a file.
True or False?

True

False

Question 26

The `chmod` command can be used on a file by:

The file owner and root

The file owner

Only root

A user that belongs to the files current group

Question 27

The execute permission is never set on files by default.
True or False?

True



Q Search



ENG
US



22:16
01-03-2025

Final Exam (Modules 10-18)

IC2: Final Exam (Modules 10-18)

Time elapsed: 15 minutes, 3 records

False

Question 38

The setuid permission ...

- ... reports the output of a script to the owner
- ... prevents the owner of a file from being changed
- ... allows files in a directory to be manipulated as by the directory owner
- ... allows a command to be run as the file owner

Question 39

The setgid permission ... (choose best)

- ... prevents the group owner of a file from being changed
- ... allows a command to be run as the group owner of the file
- ... allows files created in a directory to be owned by the group that owns the directory
- ... can only be set on files

Final Exam (Modules 10-18)

Assignment Content

Final Exam (MODULES 10-18)

Time elapsed: 91 minutes, 16 seconds

The `sticky` permission (choose best)

- ... prevents the group owner of a file from being changed.
- ... allows a command to be run as the group-owner of the file.
- ... allows files created in a directory to be owned by the group that owns the directory.
- ... can only be set on files.

Question #3

Which of the following `ls` commands, when executed, will only show information about the directory itself?
(choose best)

- `ls -d`
- `ls -l`
- `ls -d .`
- `ls -d ..`

Show Answer



ENGLISH US 08:46 01-29-2025 22:36



Final Comprehensive Exam (Modules 2-18)

Final Comprehensive Exam (Modules 2-18)

Assignment Content

Time elapsed: 7 minutes, 30 seconds

Question 1

Embedded Systems means:

- Businesses cannot change anything for the software, only the hardware
- Companies must share their changes
- You can view the software's source code
- Users must support the systems themselves
- Systems designed to do a specific task on hardware optimized to only that purpose

Question 2

A software release cycle describes:

- How often the computer must be restarted
- How often the software's memory is released back to the operating system
- How often security fixes are implemented
- How often upgrades come out for software



Q Search



ENG
US



22:26
09-03-2025

Question 3

Apple's OS X is:
(choose three)

- A fully-sentient UNIX distribution
- Partially based on code from the FreeBSD project
- Primarily used to manage network services
- Derived from Linux
- Able to natively run Windows binaries
- Tightly integrated with Apple hardware

Question 4

An interpreted programming language
(choose two)

- Takes fewer resources to run than a compiled language
- Tends to offer more features than compiled languages
- Requires a linking step but no compilation step
- Requires a compilation step but no linking step
- Is converted into machine specific instructions as the program runs

Question 5

In virtualization, what are the host and guest?
(choose two)

- A host is a virtual machine

arch



ENG
US



22:26
01-03-2025

◎ 人物志

In virtualization.. what are the host and guest?

- A host is a virtual machine
 - The guest is the machine that runs the virtual machines
 - The host is the machine that runs the virtual machines
 - The terms can be used interchangeably
 - A guest is a virtual machine

Question 8

Which of the following are properties of a strong password? (choose three)

- A mix of upper and lower case
 - Based on easy-to-remember items like birthdays
 - Long so that it can be reused on multiple sites
 - At least 10 characters long
 - Includes symbols

Question T

The Free Software Foundation believes that:

- SunPower should not have copyright



Final Comprehensive Exam (Modules 2-10) Assignment Control

Final Comprehensive Exam (Modules 2-10) Time elapsed: 10 minutes, 52 seconds

Question 8
What does it mean when a work is placed in the public domain?
 The author has died.
 The work was done by a government agency.
 The author has relinquished the copyright on the work.
 You must redistribute changes to the software.
 You may not use the work for commercial purposes.

Question 9
The command `; ;` can be used to separate multiple commands to be executed in order.
True or False?
 True
 False

Question 10
To be able to output messages to the screen, use the _____ command.

Search                  22:29
ENG US 09-03-2025

Final Comprehensive Exam (Modules 2-18)

Final Comprehensive Exam (Modules 2-18) Time elapsed: 11 minutes, 10 seconds

Assignment Content

Question 10

To be able to output messages to the screen, use the _____ command.

echo

type

message

print

Question 11

The _____ command will print a list of the commands that you've previously executed.

history

echo

date

list

Question 12

Final Comprehensive Exam (Modules 2-18)

Assignment Content

Final Comprehensive Exam (Modules 2-18)

Question 12

Time elapsed: 11 minutes, 26 seconds

QWORD is an example of _____.

An alias

An environment variable

A path-variable

A local variable

An internal command

Question 13

To start searching a man page, the first key you press is:

f

t

i

#

Question 14

Final Comprehensive Exam (Modules 2-16)

Final Comprehensive Exam (Modules 2-16) Time elapsed: 11 minutes, 47 seconds

Question 14

To get help on using the `man` command, execute:
[\(choose here\)](#)

man info

help info

info -q

info info

Question 15

Hidden files are files that begin with what character?

A-back [+]

A-back [+]

A-priori [+]

An-internal [+]

Question 16



Windows taskbar icons: Start button, Search, File Explorer, Task View, Mail, Google Chrome, Microsoft Edge, File Explorer, Task View, Mail, Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Microsoft Word, Microsoft Excel, Microsoft Word, Microsoft Word.



KCE: Final Comprehensive Exam (Modules 2-18)

Time elapsed: 0 minutes, 0 seconds

Question 16

The top level directory on a Linux system is represented by:

- /home
- /
- /
- /root

Question 17

The command `ls -c` will sort files:

- By modification date, newest to oldest
- By size, largest to smallest
- By size, smallest to largest
- By number of symlinks, largest to smallest

Question 18

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US 0% 22:30
01-09-2025

Final Comprehensive Exam (Modules 2-18)

Final Comprehensive Exam (Modules 2-18)

Assignment status

Time elapsed: 12 minutes, 19 seconds

Question 18

Which option can be used with the `rm` command to prompt before deleting?

-i
 -e
 -f
 -s

Question 19

In general, for which of the following would you want to use lossless compression?

A movie
 An encrypted email
 An mp3 audio file
 A JPEG image
 A log file



ENG US 01-03-2025 22:30

Final Comprehensive Exam (Modules 2-18)

Final Comprehensive Exam (Modules 2-18)

Assignment Content

Time elapsed: 12 minutes, 38 seconds

Question 20

Which command will show what is inside the compressed tarball with a name of .tar.gz file?

tar -tf tarfile.gz

tar -ztf tarfile.gz

tar -ztf tarfile.tar.gz

tar -tf tarfile.tar.gz

tar -tf tarfile.gz

Question 21

By default, the `tar` command replaces uncompressed files with compressed files. True or False?

True

False

Question 22

Error messages generated by commands are sent where by default?

Final Comprehensive Exam (Modules 2-10)

Final Comprehensive Exam (Modules 2-10)

Assignment Context

Time elapsed: 12 minutes, 17 seconds

Question 22

Error messages generated by commands are sent where by default?

STDIN

STDOUT

Log-File

STDERR

Question 23

Which of the following commands will display only lines that begin with 'user'?

grep 'User' file.txt

grep 'User' file.txt

grep 'User1' file.txt

grep 'User1' file.txt

Question 24



ENG US 22:31 03-03-2015

Question 24

Which of the following commands will display lines that contain either start or end?

- `grep :start|end file.txt`
- `grep start|end file.txt`
- `grep start|end file.txt`
- `grep "start|end" file.txt`

Question 25

The `if` command looks for what exit code to consider a condition to be true?

- 0
- 255
- 1
- 2
- 50



Search



ENG
US



23:05
01-03-2025

Question 26

The number of users logged in is in a variable called \$USERS. How would you test to see if there are 5 users logged in?

- test \$USERS -eq 5
- test \$USERS, 5
- test \$USERS = 5
- test -f \$USERS=5
- test \$USERS -eq 5

Question 27

Which of the following are valid partitioning types?
(choose two)

- BIOS
- PC
- MBR
- GPT



Search



ENG

US



23:05
01-03-2025

Question 28

Software that allows hardware devices to communicate with the installed operating system is called?

- Initiators
- Packages
- Programs
- Drivers

Question 29

Which of the following commands will check hard disk GPT partitions?
(choose three)

- `fdisk`
- `sgdisk`
- `gptfdisk`
- `gdisk`
- `sgdisk`



Search



ENG
US



23:06
01-03-2025

Question 30

The process (`ps`) command shows only processes running in the current shell by default.
True or False?

True

False

Question 31

The `free` command outputs statistics about:

CPU usage

Memory usage

Disk usage

Software usage

Question 32

Which file contains the information passed to the kernel at boot time?

/proc/kopt



Search



ENG
US



23:06
01-03-2025

/proc/config

/proc/cmdline

Question 33

To make changes permanent for kernel parameter files found under `/proc/sys/aux`, the following file can have entries added to it:

/etc/procsys.conf

/etc/sysconf

/etc/sysctl.conf

/etc/proccli.conf

Question 34

When issuing the `service network restart` command, which of the following occurs?

...brings up all network interfaces, re-reads all related configuration files and then the networking for the system is restarted.

...the networking for the system is stopped and then started back up.

...takes down all network interfaces, re-reads all related configuration files and then the networking for the system is restarted.



Search



ENG
US



23:06
01-03-2025

Which of the following commands can be used to display socket statistics, and supports all major packet and socket types?

- lsof
- top
- ss
- netstat

Question 36

Traditional UNIX systems allowed users to belong to how many groups?

- 16
- 256
- 65,000
- 1
- 10,000

Question 37



ENG
US



23:07
01-03-2025

Question 37

A value of 0 in the "minimum" password aging field means the user cannot change their password.
True or False?

True

False

Question 38

Sudo privileges allow users to execute commands as another user.
True or False?

True

False

Question 39.

The first line of this command displays how long the system has been running since being rebooted

`w`

`who`



Q Search



ENG
US



23:07
01-03-2025

Question 40

Time elapsed: 48 minutes, 59 seconds

Which option for the `usermod` command can be used to specify a user's group ID (either primary or secondary)? (choose two)

`-g`

`-n`

`-d`

`-g`

Question 41

The `groupmod` command can be used to add users to a group.
True or False?

True

False

Question 42

Which of the following files contains user IDs?

`/etc/passwd`



Search



ENG
US



23:07
01-03-2025

Rec/passed

Retainheader

Retgroup

Question 43

Which of the following commands, run as root, will prevent the user bob from logging in?

usermod -1 bob

usermod -L bob

usermod -G bob

usermod -d bob

Question 44

GIDs under 500 (or 1000) are usually reserved for what kind of groups?

System use



Search



ENG
US



23:08
01-03-2025

A user cannot delete a file if they do not own it.
True or False?

- True
- False

Question 46

The `chown` command permits changing group ownership done by root only.
True or False?

- True
- False

Question 47

Which of the following commands will list hidden files as well as their ownership?

- `ls -la`
- `ls -lh`
- `ls -lL`
- `ls -lia`



Search



ENG
US



23:08
01-03-2025

Question 48

Which of the following commands will set setuid for the /usr/bin/program?

- chmod 4755 /usr/bin/program
- chmod 1755 /usr/bin/program
- None of the above
- chmod 2755 /usr/bin/program

Question 49

Deleting a source file will break an associated hard link.
True or False?

- True
- False

Question 50

Which of the following commands would create a hard link for lmv to lmj?

- mv; ln -s lmj lmv



Search



ENG
US



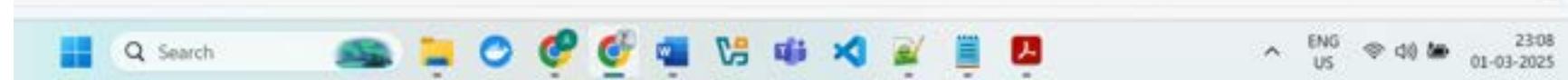
23:08
01-03-2025

Question 50

Which of the following commands would create a hard link for link to file?

- in line file
 - in file link
 - in -> line file
 - in -> file link

[Submit Answer](#)



Final Exam



 Final Exam (Modules 10-18)

Graded



 Final Comprehensive Exam (Modules 2-18)

Graded



 Help & Resources

Name	Attempts	Average Score	Latest Score
Chapter 02 Exam	1	100%	100%
Chapter 03 Exam	1	100%	100%
Chapter 04 Exam	1	90%	90%
Chapter 05 Exam	1	100%	100%
Chapter 06 Exam	3	57%	80%
Chapter 07 Exam	1	100%	100%
Chapter 08 Exam	1	100%	100%
Chapter 09 Exam	1	80%	80%
Chapter 10 Exam	1	100%	100%
Chapter 11 Exam	1	100%	100%
Chapter 12 Exam	1	100%	100%
Chapter 13 Exam	1	100%	100%
Chapter 14 Exam	1	100%	100%
Chapter 15 Exam	1	100%	100%
Chapter 16 Exam	1	100%	100%
Chapter 17 Exam	1	100%	100%
Chapter 18 Exam	1	90%	90%
Final Comprehensive Exam	1	95%	95%
Final Exam	1	88%	88%
Midterm Exam	1	100%	100%



8

ENG
US



23:14
01-03-2025

Linux Essentials

[Content](#)

- Create a group for each department. This name should reflect the department name that the group will be assigned.
- Create an administrative user for each of the departments:
 - The user will have a Bash login shell.
 - The user will belong to the respective group for each department. This will need to be the user's primary group.
- Create two additional users for each department:
 - The users will have a Bash login shell.
 - The users will belong to their respective group for each department. This will need to be the user's primary group.
- For security reasons, the following modifications will need to be made to each of the departments' respective directories:
 - Ensure that the owner of each of the directories is the department administrator and the group membership is the group for each department.
 - The department administrator will have full access to their respective department directories.
 - Ensure that only the owner of a file in the department's directory can delete the file. The user will also have ownership of their respective department folders.
 - Normal users in each department will have full access (Read, Write and Execute) to their respective department folders.
 - The department folders will ONLY be accessible by users/administrators in each of the respective departments. Ensure that no one else will have permissions to the folders.
- Create a document in each of the department directories:
 - The ownership on this file will be the same as the directory it is located in.
 - The document should contain only one line of text that states, "This file contains confidential information for the department."
 - This file can be read by any user in the department, but can only be modified by the department administrator. No one else has permission to this file.

Curriculum Resources

- Module 8 – Managing Files and Directories
- Module 10 – Screen and User Security
- Module 19 – Creating Users and Groups
- Module 17 – Ownership and Permissions
- Module 18 – Special Directories and Files

Deliverables

- Use the appropriate command to verify each user and group has been created.
- Use the appropriate command to verify each user's group assignment.
- Use the appropriate command to verify the directory creation and the permission settings.
- Use the appropriate command to verify the files are created in their respective directories.

[« Previous](#) [Next »](#)

```
* Starting domain name service... bind9 [ OK ]
welcome to ubuntu 12.04.5 LTS (GNU/Linux 5.15.0-130-generic x86_64)

* Documentation: https://help.ubuntu.com/
sysadmin@localhost:~$ sudo mkdir /Engineering
mkdir: cannot create directory "/Engineering": File exists
sysadmin@localhost:~$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
sysadmin@localhost:~$ sudo mkdir /Sales
sysadmin@localhost:~$ sudo groupadd Engineering
sysadmin@localhost:~$ sudo groupadd Sales
sysadmin@localhost:~$ sudo groupadd IS
sysadmin@localhost:~$ sudo useradd -m -s /bin/bash -g Engineering eng_admin
sysadmin@localhost:~$ sudo useradd -m -s /bin/bash -g Sales sales_admin
sysadmin@localhost:~$ sudo useradd -m -s /bin/bash -g IS is_admin
sysadmin@localhost:~$ echo "Admin" | sudo passwd --stdin eng_admin
passwd: unrecognized option "--stdin"
Usage: passwd [options] [LOGIN]

Options:
-a, --all           report password status on all accounts
-d, --delete        delete the password for the named account
-e, --expire       force expire the password for the named account
```

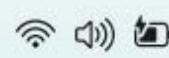


```
sysadmin@localhost:~$ echo "eng_admin:netlab123" | sudo chpasswd
sysadmin@localhost:~$ echo "sales_admin:netlab123" | sudo chpasswd
sysadmin@localhost:~$ echo "is_admin:netlab123" | sudo chpasswd
sysadmin@localhost:~$ sudo useradd -m -s /bin/bash -g IS is_user1
sysadmin@localhost:~$ sudo useradd -m -s /bin/bash -g IS is_user2
sysadmin@localhost:~$ sudo useradd -m -s /bin/bash -g Sales sales_user2
sysadmin@localhost:~$ sudo useradd -m -s /bin/bash -g Sales sales_user1
sysadmin@localhost:~$ sudo useradd -m -s /bin/bash -g Engineering eng_user1
```

Toggle onscreen keyboard



ENG
US



10:03
02-03-2025

Ubuntu PC

```
change to MAX_DAYS

sysadmin@localhost:~$ echo "eng_user1:netlab123" | sudo chpasswd
sysadmin@localhost:~$ echo "eng_user2:netlab123" | sudo chpasswd
sysadmin@localhost:~$ echo "sales_user1:netlab123" | sudo chpasswd
sysadmin@localhost:~$ echo "sales_user2:netlab123" | sudo chpasswd
sysadmin@localhost:~$ echo "is_user1:netlab123" | sudo chpasswd
sysadmin@localhost:~$ echo "is_user2:netlab123" | sudo chpasswd
sysadmin@localhost:~$ sudo chown eng_admin:Engineering /Engineering
sysadmin@localhost:~$ sudo chown sales_admin:Sales /Sales
sysadmin@localhost:~$ sudo chown is_admin:IS /IS
sysadmin@localhost:~$ sudo chmod 2770 /Engineering
sysadmin@localhost:~$ sudo chmod 2770 /Sales
sysadmin@localhost:~$ sudo chmod 2770 /IS
sysadmin@localhost:~$ echo "this file contains confidential info" |sudo tee /Engineering/confidential.txt
this file contains confidential info
sysadmin@localhost:~$ echo "this file contains confidential info" |sudo tee /Sales/confidential.txt
this file contains confidential info
sysadmin@localhost:~$ echo "this file contains confidential info" |sudo tee /IS/confidential.txt
this file contains confidential info
sysadmin@localhost:~$ sudo chown eng:■
```

Toggle onscreen keyboard



ENG
US



10:13
02-03-2025

>_ Ubuntu PC

```
Engineering/Confidential.txt
this file contains confidential info
sysadmin@localhost:~$ echo "this file contains confidential info" |sudo tee /Sales/Confidential.txt
this file contains confidential info
sysadmin@localhost:~$ echo "this file contains confidential info" |sudo tee /IS/Confidential.txt
this file contains confidential info
sysadmin@localhost:~$ sudo chown eng_admin:Engineering /Engineering/Confidential.txt
sysadmin@localhost:~$ sudo chown sales_admin:Sales /Sales/Confidential.txt
sysadmin@localhost:~$ sudo chown is_admin:IS /IS/Confidential.txt
sysadmin@localhost:~$ sudo chmod 640 /Engineering/Confidential.txt
sysadmin@localhost:~$ sudo chmod 640 /Sales/Confidential.txt
sysadmin@localhost:~$ sudo chmod 640 /IS/Confidential.txt
sysadmin@localhost:~$ getnet group Engineering
-bash: getnet: command not found
sysadmin@localhost:~$ getent group Engineering
Engineering:x:1002:
sysadmin@localhost:~$ getent group Sales
Sales:x:1003:
sysadmin@localhost:~$ getent group IS
IS:x:1004:
sysadmin@localhost:~$
```

Toggle onscreen keyboard



10:17
ENG
US 02-03-2025

Ubuntu PC

```
Engineering:x:1002:  
sysadmin@localhost:~$ getent group Sales  
Sales:x:1003:  
sysadmin@localhost:~$ getent group IS  
IS:x:1004:  
sysadmin@localhost:~$ id eng_admin  
uid=1002(eng_admin) gid=1002(Engineering) groups=1002(Engineering)  
sysadmin@localhost:~$ id eng_user1  
uid=1009(eng_user1) gid=1002(Engineering) groups=1002(Engineering)  
sysadmin@localhost:~$ id eng_user2  
uid=1010(eng_user2) gid=1002(Engineering) groups=1002(Engineering)  
sysadmin@localhost:~$ id sales_user2  
uid=1007(sales_user2) gid=1003(Sales) groups=1003(Sales)  
sysadmin@localhost:~$ id sales_user1  
uid=1008(sales_user1) gid=1003(Sales) groups=1003(Sales)  
sysadmin@localhost:~$ id is_user1  
uid=1005(is_user1) gid=1004(IS) groups=1004(IS)  
sysadmin@localhost:~$ id is_user2  
uid=1006(is_user2) gid=1004(IS) groups=1004(IS)  
sysadmin@localhost:~$ id is_admin  
uid=1004(is_admin) gid=1004(IS) groups=1004(IS)  
sysadmin@localhost:~$ id sales_admin  
uid=1003(sales_admin) gid=1003(Sales) groups=1003(Sales)  
sysadmin@localhost:~$
```

Toggle onscreen keyboard



ENG
US 10:20
02-03-2025

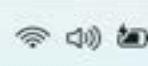
Ubuntu PC

```
uid=1007(sales_user2) gid=1003(Sales) groups=1003(Sales)
sysadmin@localhost:~$ id sales_user1
uid=1008(sales_user1) gid=1003(Sales) groups=1003(Sales)
sysadmin@localhost:~$ id is_user1
uid=1005(is_user1) gid=1004(IS) groups=1004(IS)
sysadmin@localhost:~$ id is_user2
uid=1006(is_user2) gid=1004(IS) groups=1004(IS)
sysadmin@localhost:~$ id is_admin
uid=1004(is_admin) gid=1004(IS) groups=1004(IS)
sysadmin@localhost:~$ id sales_admin
uid=1003(sales_admin) gid=1003(Sales) groups=1003(Sales)
sysadmin@localhost:~$ ls -ld /Engineering /Sales /IS
drwxrws--- 2 eng_admin Engineering 38 Mar  2 15:11 /Engineering
drwxrws--- 2 is_admin IS 38 Mar  2 15:12 /IS
drwxrws--- 2 sales_admin Sales 38 Mar  2 15:12 /Sales
sysadmin@localhost:~$ ls -ld /Engineering/confidential.txt
ls: cannot access /Engineering/confidential.txt: Permission denied
sysadmin@localhost:~$ ls -ld /Engineering
drwxrws--- 2 eng_admin Engineering 38 Mar  2 15:11 /Engineering
sysadmin@localhost:~$ ls -ld /Sales
drwxrws--- 2 sales_admin Sales 38 Mar  2 15:12 /sales
sysadmin@localhost:~$ ls -ld /IS
drwxrws--- 2 is_admin IS 38 Mar  2 15:12 /IS
sysadmin@localhost:~$
```

Toggle onscreen keyboard



ENG
US



10:22
02-03-2025

Profile > Badges & Certificates > Linux Essentials

Completed by
Twinkle MishraIssue Date
Mar 01, 2025Total Hours
70

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ENG
US 11:04
02-03-2025

The screenshot shows a Credly badge page. At the top left is the Credly logo. A search bar contains the placeholder text "Discover badges, skills or organizations". On the right is a user icon with a dropdown menu. Below the header, a profile picture placeholder is followed by the text "This badge was issued to Twinkle Mishra on March 02, 2025". To the right are two buttons: a blue-bordered "Verified" button with a green checkmark and a green "Celebrate" button with a confetti icon. The main badge is a blue rectangular card. It features the Cisco Networking Academy logo at the top, followed by a dark blue horizontal bar with the word "Verified" in white. The central text reads "Networking CISCO Academy" above "Linux Essentials". The bottom of the badge has a white wavy shape containing the text "Linux Essentials". Below the badge is a green button labeled "Earn this Badge". To the right of the badge, the title "Linux Essentials" is displayed in bold black text, followed by the subtitle "Issued by Cisco". A detailed description follows: "Cisco, in collaboration with NDG, verifies that the learner has knowledge of open vs closed source applications, basic hardware concepts, Linux OS components, command line usage, file management, creating/restoring backups, system security, user/group permissions, and simple scripting. Learner has completed 24 prescriptive labs using a real Linux OS on a virtual machine interacting with the Linux operating system and build on their skills and knowledge as they progress through the course." Below the description is a "Learn more" link. At the bottom of the page is a toolbar with icons for Microsoft Edge, a search bar, and various system status indicators like battery level and date/time.

Conclusion: This course has been an incredible journey into the world of Linux system administration, equipping us with the skills needed to confidently manage and secure Linux environments. From creating and managing users and groups to setting up permissions and troubleshooting issues, we have gained hands-on experience with real-world tasks. Learning about sudo privileges, file system security, and essential command-line tools has made navigating Linux feel more intuitive. The deep dive into networking, process management, and automation has shown how powerful and flexible Linux can be. More than just memorizing commands, this course emphasized best practices and security, ensuring we understand not just how to do things, but why. Whether for professional growth or personal projects, we now have the tools to confidently work with Linux and keep systems running smoothly.

- If you do NOT follow your reporting guidelines, you will be degraded

Grading Rubrics	<ul style="list-style-type: none">• If you do NOT use this template or delete any part of it or use any other template, you will be degraded.• If you do NOT follow the file naming convention, you will be degraded.• If you do NOT submit your file in only 1 PDF and submit multiple files; you will be degraded.•• If you do NOT show your account real name; you will be degraded.• If you do NOT show your machine desktop background (date & time), you will be degraded.• If you do NOT show clear screenshots as instructed, you will be degraded• If you do NOT write (in your own words) your learning experience for the activity practices, you will be degraded.
Tip	Post your course completions Certificates on your LinkedIn profile. This is NOT for grading purposes; it is just for your best interest to show your skills & prepare your career path.