

# **L**uCertify

# **STUDENT MANUAL**

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# **STUDENT MANUAL**



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# 1. About

uCertify courses and lab are ADA (Americans with Disability Act) compliant. They are accessible to students with features such as:

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

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

# 2. Getting Started

#### Login

You can log in to the application using the following options:

- Facebook
- Google
- Yahoo
- Amazon
- Email address and Password



GIF 1.1: Displaying uCertify Login Window

#### Welcome Page

After successfully logging into your account, you will be redirected to the **Welcome Page** with three buttons:

- Home Page Clicking on the Home Page button will take you to uCertify's home page.
- My Library Clicking on the My Library button will take you to your library section where you can find your purchased courses.
- **Previous Page** Clicking on the **Previous Page** button will redirect you to the previous page.



Figure 1.1: uCertify Welcome Page

# 3. Managing Account

#### Add License

To add license of a course follow the steps listed below:

• Click the My Library button.



Figure 2.1: My Library Button

• Click the Add License tab.

לע±u	Certify Browse My Library	Search My Library	٩	Request Demo Helio Student Support -
0	10s My Library III Add License (	D My Profile		
ا <mark>%</mark>	E Q Search	Ð		
12 12	⊌uCertify	€uCertify	\€uCertify	<b>∉</b> uCertify
۲		<b>?</b> • • • • •	l∉uCertifya B B S A	
	CIW ICT-word-processing CIW Word Processing Essentials	CompTIA N10-006-complete CompTIA Network+ Deluxe Study Guide Third Edition (Course & Labs) based on: CompTIA Network+ Deluxe Study Guide Third	uc-features ♦ ♦ uCertify Features	ucertify-features
	Open	Open	Open	Open :
	<b>V</b> €uCertify	Vertify	Certify	l∉uCertify l∉uCertify

GIF 2.1: Adding Course License

• Type **16-digit Access Code**, select the desired type to study the course and click the **Validate** button.

		Le	et's Start				
		Use your a	ccess code to enroll				
Your Name	Student Ucertify		If you do not have an access code, please contact your school or instructor. You ca also buy the access code online and get it delivered via email by filling in the detail				
Email	student@ucertify.com		My section key is X-3000-3000-3000.  Ret				
Access Code	Access Code		I do not have section key				
Type	😁 Self Paced	歳 Instructor Led					
		Validate					

Figure 2.2: Add License Page

• If you have selected the **Self Paced** type, then after clicking the **Validate** button, the **course enrollment** page will be opened. Click the **Enroll** button to enroll in the course.



Figure 2.3: Course Enrollment Page in Self Paced Mode with Enroll Button

If you have selected the Instructor Led type, then after clicking the Validate button, the course enrollment page will be opened. Type the provided section key in the section key box or select the I will add section key later option from the drop-down and click the Enroll button to enroll in the course.



Figure 2.4: Course Enrollment Page in Instructor Led Mode with Section Key Option and Enrollment Button

• To buy an access code online and get it delivered via email, type section key in the **section key** box and click the **Get** button.

證% My Library	13 Add License	offie						
		L	et's Start					
Your Name	Student Ucertify	Use your a	If you do not have an access code, please contact your school or instructor. You c					
Email	student@ucertify.com		also buy the access code online and get if delivered via email by filling in the detail below.					
Access Code	Access Code		I do not have section key					
Туре	Self Paced	± Instructor Led						
	> Validate							

Figure 2.5: Add Licence Page with Section Key Box and Get Button

• Click the **Buy Now** button under the course name and you will be redirected to the **cart** page.

		Let's Start
	U	e your access code to enroll
Your Name	Student Ucertify	If you do not have an access code, please contact your school or instructor. You ca also buy the access code online and get it delivered via email by filling in the detail
Email	student@ucertify.com	below.
Access Code	Access Code	I do not have section key
Type	😌 Self Paced 🔒 Instructor Led	MCSA - Windows 7, Configuring (Course & Lab)
	> Validate	W Buy Now

Figure 2.6: Add Licence Page with Course Buy Now Button

• If you do not have the section key, select the **I do not have section key** option. Click the **Buy Now** button and you will be redirected to the **Top Courses** page.

	L	et's Start
	Use your a	ccess code to enroll
Your Name	Student Ucertify	If you do not have an access code, please contact your school or instructor. You ca also buy the access code online and get it delivered via email by filling in the detail
Email	student@ucertify.com	below. O My section key is X-2000-2000 Cet
Access Code	Access Code	I do not have section key
Туре	😌 Self Paced 🌲 Instructor Led	ye Buy Nor
	> Validate	10.0

Figure 2.7: Add Licence Page with Buy Now Button

## **Change Password**

You can change the password of your account by following steps listed below:

• Click on the My Profile tab.

		Let's Start				
Your Name	Email	se your access code to enroll Access Code	Type			
Student Ucertify	student@ucertify.com	CPYW-PLUL-DFEB-FXXL	😁 Self Paced	1 Instructor Led	C Reset	
				8		

Figure 2.6: My Profile Tab

• Click the Change Password tab.

uCertify						y	🖁 0 - Helio Student My Library -	Feedback Support
25 My Library	III Add License	(® My I	rofile					
L Change Pe	rsonal Information	P Change	Password	ið My	Orders			
D.	Student U studenti@ucent iUSI	certify sfy.com						
First Name	Student	Student						
Last Name	Ucertify	Ucertify						
Email	student@ucertify	.com			Add			
Company								
Time zone	(GMT -8:00) Pacif	lic Time (US 8	(Canada)		٠			

Figure 2.7: My Profile Page with Change Personal Information Tab

• Type the desired password against respective columns and click the **Save** button to commit changes.

<b>∉</b> uCertify	R 0 - Hello Studert Freeback & My Library - Support -
🖹s My Library 🖽 Add License 🛞 My Profile	
Change Personal Information / Change Password      My Orders	
New Password (*)	
Re-type New Password (*)	
Save Cancel	

Figure 2.8: My Profile Page with Change Password Tab

# 4. Application Layout

#### Side Panel

You can organize multiple courses in your library with the help of side panel. It comprises of predefined groups:

- Active All the active courses will be shown here.
- Archived If you have archived any course, then it will be shown here.

You can archive a course using the **Move to Archive** option. Click the **three-dots** menu next to the **Open** button and select the **Move to Archive** option.



GIF 3.1: Moving a Course to Archive

- Expired All the expired courses will be shown here.
- **Ungrouped** All the courses, which does not belong to any group will be shown here.

So, if you have multiple courses in your library you can easily manage it under these categories. You can even create custom groups to organize it further.

₩uC	Certify Browse My Library	Search My Library	٩	Request Hello Student Demo My Library • Support •
	🗈 My Library 🛛 Add License 🤅	) My Profile		
	E Q Search	9		
	€uCertify	₩uCertify	<b>₩</b> uCertify	₩uCertify
	CompTIA N10-006	CompTIA N10-006-complete	CompTIA SV0-501-del	CompTIA SY0-401-complete
	CompTIA Network+ Deluxe	CompTIA Network+ Deluxe	CompTIA® Security+®	TM handbar
	study duide	(Course &	Judg	(Courte & Lab)
	Com :	Com	Open :	Coon :
	€uCertify	₩uCertify	₩uCertify	€uCertify
		and the second s		HISACA

Figure 3.1: My Library Page with Pre-Defined Groups

Go to My Library and click the Add group button.



GIF 3.2: Creating a Course Group

Type the name for the group of courses, which you want to create. Pick a color to identify your group and select the required courses for your group.

Finally, click the **Add** button to create the group. You will observe a colored bullet below the **Add group** button. You can also add courses to the group by dragging the desired course and dropping it in the respective course group.



Figure 3.2: My Library Page with Course Group

To edit the details of the group or to delete the desired group, click the **side panel** and click the **pencil** icon to edit the details or click the **delete** button to delete the group.



Figure 3.3: My Library Page with Edit Course Group Option



Figure 3.4: Edit Group Modal Box with Delete Course Option

# 5. Navigate to a Course

#### Search

You can search any course using the **Search** textbox. To search any course or lab, type the desired course name in the textbox. Click the **Open** button to load the desired course.

	In My Library III Add License	My Profile		Jerno ay taolay a sopport
	III Q. Search	Ð		
	⊌uCertify	<b>₩</b> uCertify	€uCertify	₩ uCertify
)	CompTIA N10-006-complete	CompTIA N10-006	CompTIA SYD-501-del	CompTIA SY0-401-complete
	CompTIA Network+ Deluxe Study Guide Third Edition (Course &	CompTIA Network+ Deluxe Study Guide	CompTIA <sup>®</sup> Security+ <sup>®</sup> Study	TM based on: CompTUA Security+ (Course & Lab)
	Open	Open	Copen :	Cron
	W uCertify	Wt nCortify	W uCertify	₩nCertify

Figure 4.1: My Library Page with Open Course Button

On clicking the **Open** button, it will take you to the dashboard of the course.





GIF 4.1: Opening Course Dashboard

#### **Keyboard Shortcuts**

For enhanced accessibility, you can use the keyboard shortcuts. To view keyboard shortcuts, click the **Feedback & Support** drop-down and select the **Keyboard Shortcuts** option.





Shortcuts	Description
Alt+G	Course Navigation menu
Left/Right Arrow	Move within navigation menu
Up Arrow	Page Up
Down Arrow	Page Down

#### Table 4.1: Keyboard Shortcuts

### 6. Link with Instructor

After the successful enrolment into a course, you will receive an email from **uCertify support**. Open the email, select and copy the **Section Key**. Click the **Open** button to open the course. On the **Course Dashboard**, click the **Link with your instructor** button on the top right side of the page.



GIF 5.1: Linking the Course with Instructor

Enter the section key shared by the instructor and click the **Add** button. This links your course with the instructor.



Figure 5.1: Course Dashboard with Link with your instructor by Section Key Option

You can also link with your instructor by using his/her email address. Click the **By instructor email** tab in the **Link with your instructor** modal box. Type instructor's email in the **Instructor's email** box, and click the **Send Request** button.

Pre-Assessment	uestion assessment bef	ore you		0	P Link with Instruct	tor
Chapters & Lessons	11-1-11-11-11-11-11-11-11-11-11-11-11-1				Day 325	Target
exercises and quizzes.	Link with your in	structor		~ 7		01-Apr-18
Practice Tests Prepare for your exam in this 360 question s	By section key	By instructor email		you con you con 2 week	activity to date, your re tinue at this pace, you s. 1 day, to achieve a n	eadiness score is will need 1072 eadiness score of
Performance-based Lab Learn the real world skills using performance	Instructor's email	Enter instructor's email	Send Request	sur curre	of estimated complete 07.	on date is 16-Aug-
Post Assessment		invice instructor using email.			Open Study Planne	f
Gauge your understanding & readmess.				Ce	rtificate of Complet	tion
			Close	rou achie re eligibi c	eve a readiness score of to receive your certif ompletion from uCerti	of 90% or better. ficate of course fy.
				Test Hist	ory & Performance	Analytics
			1	hese reports	will allow you to gauge	your progress.

Figure 5.2: Course Dashboard with Link with your instructor by Instructor's email Option

When instructor will approve you as his/her student, you will be linked to the instructor.

# 7. Assessments

We've following modes of assessment for every course:

- Pre-Assessment
- Practice Tests
- Post Assessment
- Graded Assessment

Note: The Graded Assessment tab will be visible only when your instructor has created assessments for the section.

Shortcuts	Description
R	To navigate to item list
Space bar	To view the explanation of the question in the Learn mode

Shortcuts	Description
Ρ	To view previous item or activity
Ν	To view next item or activity
x	To open case study in exhibit
Ctrl+?	To open settings modal box
c	To mark answer as correct
I	To mark answer as incorrect
x	To open case study in any assessment
Z	To end assessment
Corresponding alphabet or number	To answer multiple choice questions

#### Table 4.1: Keyboard Shortcuts

#### **Pre-Assessment**

**Pre-Assessment** provides you a set of questions to identify your areas for improvement before you begin the course. To navigate to **Pre-Assessment** questions, click the **Pre-Assessment** tab on the **Dashboard** or select the **Pre-Assessment** option from the **Course Navigation** menu.

Note: The options available may vary from course to course.

Pre-Assessment identify areas for improvement with this 95 question assessment before you benefit the course.	d <sup>0</sup> Link with Instruct	or	
Constant of the second	Day 330 Start 0% 12-May-17	Target 08-Nov-17	
Practice Tests Prepare for your exam in this 360 question simulated test environment.	Based on your activity to date, your readiness score 0%. If you continue at this pace, you will need 108 months, to achieve a readiness score of 100%. You		
Performance-based Lab Learn the real world skills using performance-based lab.	current estimated completion date Open Study Planne	is 06-jan-09. r	
Post Assessment Gauge your understanding & readiness.	Certificate of Complet	ion	
Graded Assessment Prove your mastery of each topic by completing the graded assessment.	When you achieve a readiness score o you are eligible to receive your certif completion from uCertif	f 90% or better. icate of course ly.	
	Test History & Performance	Analytics	
	These reports will allow you to gauge identify the areas you have mastered an	your progress. Ind help you focus	

#### Figure 6.1:Course Dashboard with Pre-Assessment Tab



GIF 6.1:Opening Pre-Assessment Page

The Pre-Assessment page will open.

🕊 uCertify 🏭 CompTIA Network+ Deluxe Study Guide T	hird Edition (Cour	Helio Student Feesback & My Library + Support +
Pre-Assessment		
You should take this exam without any outside help so course. It's likely you will get many of these questions w shows that trying to solve a problem before you know h line.	you can assess your knowledge of the rong or find the test difficult, but that's row, increases the likelihood of you ret	course topics before you begin the s the point of this assessment. Research aining what you have learned down the
	Start 95 Items, 120 Minutes	
		Go back

Figure 6.2: Pre-Assessment Page with Start Button

Click the **Start** button to begin the test.

			ł			8					
				E.							
Y	oure	asked to move four workstations to another de	partmen	t. You cut the	e cable from	the cente	r. What will be you	r next step?			
A	0	Install 50 ohm terminators at both the open e	ends whe	ere the cable	has been c	ut.					
в	0	No need to do anything else. Just move one	No need to do anything else. Just move one half to the other department.								
c	0	Install a 50 ohm terminator on the open end	of the ca	ble that will t	e shifted to	the other	department.				
		Install a 50 also terminates on the open and	of the ca	ble that will a	unt he shifts	d to the of	her department				

Figure 6.3: Pre-Assessment Question

**Pre-Assessment** provides you a set of questions to identify your areas for improvement before you begin the course. To navigate to **Pre-Assessment** questions, click the **Pre-Assessment** tab on the **Dashboard** or select the **Pre-Assessment** option from the **Course Navigation** menu.





#### Figure 6.1: Course Dashboard with Pre-Assessment Tab



GIF 6.1: Opening Pre-Assessment Page

The Pre-Assessment page will open.

🕊 uCertify 🏭 CompTIA Network+ Deluxe Study Guide T	hird Edition (Cour	Helio Student Feesback & My Library + Support +
Pre-Assessment		
You should take this exam without any outside help so course. It's likely you will get many of these questions w shows that trying to solve a problem before you know h line.	you can assess your knowledge of the rong or find the test difficult, but that's row, increases the likelihood of you ret	course topics before you begin the s the point of this assessment. Research aining what you have learned down the
	Start 95 Items, 120 Minutes	
		Go back

Figure 6.2: Pre-Assessment Page with Start Button

Click the **Start** button to begin the test.

			lu								
Y	oure	pu're asked to move four workstations to another department. You cut the cable from the center. Wha	at will be your next step?								
A	0	Install 50 ohm terminators at both the open ends where the cable has been cut.	Install 50 ohm terminators at both the open ends where the cable has been cut.								
в	0	No need to do anything else. Just move one half to the other department.	No need to do anything else. Just move one half to the other department.								
c	0	Install a 50 ohm terminator on the open end of the cable that will be shifted to the other depart	tment.								
			andmont								

Figure 6.3: Pre-Assessment Question

#### **Practice Tests**

**Practice test** provides a different set of questions to prepare for the exams in the test environment. To navigate to practice test questions, click the **Practice Tests** tab on the **Dashboard** or select the **Practice Tests** option from the **Course Navigation** menu.

Pre-Assessment Identify areas for improvement with this 95 question assessment before you	d <sup>0</sup> Link with Instructor				
Chapters & Lessons Study lessons: complete labs, watch videos and work through flashcards. exercises and quizzes	Day Start c 12-May-17	v 330 N Target 08-Nov-17			
Practice Tests Prepare for your exam in this 360 question simulated test environment.	Based on your activity to date, your readiness score is 0%. If you continue at this pace, you will need 1009 months, to achieve a readiness score of 100%. Your current estimated completion date is 06-jan-09. Open Study Planner				
Performance-based Lab Learn the real world skills using performance-based lab.					
Gauge your understanding & readiness.	Certificate o	f Completion			
Graded Assessment Prove your mastery of each topic by completing the graded assessment.	When you achieve a readii you are eligible to receiv completion	ness score of 90% or better. e your certificate of course from uCertify.			
	Test History & Per	formance Analytics			
	These reports will allow y identify the areas you have	ou to gauge your progress. mastered and help you focus			

Figure 6.4: Course Dashboard with Practice Tests Tab

Note: The options available may vary from course to course.



Figure 6.5: Practice Test Main Page with Test Sets

Initially, all the test modes are disabled. Choose any test set to enable them.

**Note:**The options available may vary from course to course.

For each assessment, there are three types of modes. Each mode tests your knowledge for the

course in different ways. Here are the types of modes:

• Test: In this mode, you can take a timed test simulating the actual exam conditions.

A which of the following uses a centralized admentication method?									
A	0	Peer-to-peer							
в	0	VLAN							
c	0	STP							
D	0	Client-server							
E	0	VPN							

Figure 6.6: Practice Test in Test Mode

• Learn: In this mode, you can check your answers immediately after each question by clicking the Learn button or the Next button on the bottom bar.

1	€u	Cer	tify III CompTIA Network+ Deluxe Study Guide Third Edition (Cour Helio Student My Library - Support -
	0	: Whi	ich of the following uses a centralized authentication method?
	A	0	Peer-to-peer
	B	0	VLAN
	с	0	STP
	D	0	Client-server
	E	0	VPN
			Submit Previous 1 of 90 > Next 💿 End Test

Figure 6.7: Practice Test in Learn Mode

• Review: In this mode, you can review each question with its answer and explanation.



Figure 6.8: Practice Test in Review Mode

#### **Test Prep**

**Test Prep** provides a different set of questions to prepare for exam in the test environment. To navigate to the **Test Prep** questions, click the **play** button.



Figure 6.9: Practice Test Main Page with Test Prep

The **bottom bar** consists of the **three-bullet** icon, which represents the number of successful and unsuccessful attempts.

Łu	Cer	tify 🏭 CompTIA Network+ Deluxe Study Guide Third Edition (Cour	管 0 - Hello 1 My Li	brary - Feedback & Support
	Vhich	of the following statements is true of the hybrid network topology?		
A	0	It is a network that uses both coaxial and CAT 5 cabling.		
в	0	It is a combination of two or more different types of network topologies.		
c	0	It is a combination of two or more similar types of networks connected through a bridge device.		
D	0	It is a combination of more than two similar networks connected through routers.		
D	0	It is a combination of more than two similar networks connected through routers.		

Figure 6.10: Test Prep Question

After a correct attempt, the color of bullet icon will turn to green.

4	± u	Cer	tify 🇱 CompTIA Network+ Deluxe Study Guide Third Edition (Cour	Ħ	Hello Student My Library •	Feedback & Support •
۲	T Y	ou ne	eed a topology that is easy to troubleshoot and scalable. Which would you use?			
~	A		Star			
	в		Bus			
	с		Ring			
>	D		Mesh			
E	xpla	nati	on: Answer option A is correct.			
SI	tar to	polo	gies are the easiest to troubleshoot and can easily scale to large sizes.			
L	esso	n: In	troduction to Networks			
				 > Next	End T	iest 🏚

Figure 6.11: Successful Attempt in Test Prep

After an unsuccessful attempt, the color of the bullet icon will turn to red.



Figure 6.12: Unsuccessful Attempt in Test Prep

After three consecutive correct attempts, the question will be removed from the set of questions in the pool. Clicking the **arrow** button at left side, will open the side panel which consists of following details:

- Mastered: Shows the number of items for the correct attempts.
- In Play: Shows the number of items for the incorrect attempts.

- **Pending:** Shows the number of items which are unattempted.
- Time: Shows the time lapse to attempt the items in the play pool.

(			it its destination. Which of the following OSI layers will	ll retransmit the TCP packet?
Mastered In Pia 0 Items 20 (0%) Item (4%)	Pending 430 Items (96%)	Time 07 minutes	3	
During this sesa questions in 07 right. Y	on you have an ninutes. You go xur score is 33%	nswered 3 ot 1 items 6.	Insures that messages are delivered in the order in whe Also, in the TCP/IP model, the same transport layer per ise these layers do not perform this function.	hich they are sent and that there is no loss or erforms this function.

Figure 6.13: Side Panel of Test Prep

#### **Custom Test**

👌 🕊 uCertify	CompTIA Netwo	rk+ Deluxe Study Guide Thi	rd Edition (Cour		Helio Student Feedback & My Library • Support •
	Mastered 0 item(s) - (0%)	in Play 20 item(s) - (4%)		Pending 430 item(s) - (96%)	Time 15 minutes
			Reset Test Prep		
	During I	ast session you have answered	4 questions in 15 minutes. Y	ou got 1 items right. Your score is 25%	¢ .
		Learn, revi A Practice Test A 90 Items	Test Sets ew or test under exam B ctice Test B Practice 90 Ite	Test C Practice Test D 90 Items	
			Custom Test		

GIF 6.2: Opening Custom Test Creation Page

#### **Custom Test**

enables you to create a set of questions based on your learning needs. To create **Custom Test** questions, click the **Custom Test** button.

Enter the following properties for your custom test:

- Name for your custom test.
- Duration for the custom test.
- Settings for the custom test:
  - Check the Randomize check box under the Items heading to randomize the items.
  - Check the **Randomize** check box under the **Answer Options (when applicable)** heading to randomize the answer of each item selected for the assessment.
  - To set the last option of an answer as None of the above, check the Last item as
     "None of the above" check box.

zu	Certify III CompTIA Network+ Deluxe Study Guide Third E	dition (Cour		M	y Library • Support •
Ite	ms Answer Options (when applicable)				9
8	Randomize Rems 📄 Randomize 📄 Last Rem as "None of the above"				
Aut	o Selection   Exercise Test Sets Quiz Labs				
	Lesson Name	Items Available	Items	5	Items Selected
1	Introduction to Networks	44	-8	+	0
2	The Open Systems Interroppertion Specifications	46	- 9		
	The separate provide the second second second second	40			0
3	Networking Topologies. Connectors, and Wiring Standards	85	-0	+	0
3	Networking Topologies. Connectors. and Wiring Standards The Current Ethernet Specifications	85	-0	+++++	0
3 4 5	Networking Topologies, Connectors, and Wiring Standards The Current Ethernet Specifications Networking Devices	85 54 70	- 0	+ + +	0
3 4 5 6	Networking Topologies. Connectors, and Wiring Standards The Current Ethernet Specifications Networking Devices Introduction to the Internet Protocol	85 54 70 66	- 0 - 0 - 0 - 0	+ + + +	0 0 0 0
3 4 5 6 7	Networking Topologies. Connectors. and Wiring Standards The Current Ethernet Specifications Networking Devices Introduction to the Internet Protocol IP Addressing	85 54 70 66 56	- 0 - 0 - 0 - 0		0 0 0 0 0

Figure 6.14: Create Custom Test Page

- Select mode & items for a custom test. There are two modes for selecting items for a custom test:
  - Auto Selection: It allows you to choose items for your custom test with random questions from exercise, test sets, quiz, and labs.
  - My Selection: It allows you to choose items for your custom test manually.

My Selection

To select items in the **My Selection** mode, click on the desired items you want to select. You can search for the desired items with the help of various filters available:

- To select item from a particular lesson, click the **Lessons** drop-down and select the desired lesson from the drop-down.
- To select the items from Attempted, Unattempted, Bookmarks, Correct, Incorrect, and Notes list of items; click the Your Action drop-down and select the desired option.
- To select items from Labs, Exercise, Test Sets, Quiz, or Assessment; click on their respective buttons.
- To select item of a particular type such as Multiple choice question, Drag Drop, Simulation; click the **All Type** drop-down and select the desired option.

Name Custom Test	Duration 120 Minut	es. Selected items: 0	Create Custom Test		L
Items A	nswer Options (when applica   Randomize 🛛 Last item a	ible) Is "None of the above"			
My Selection	18. Soft Unatte	mpted • Labs Exercise	e Test Sets Quiz Asses	All Type • 0 Se	lected 1557 Available
1 🔟	2	7	8 🖬	12 💶	13
	xt	<b>~</b>	$\checkmark$	$\bigcirc$	G
لے					
Identifying Internetworking devices	Identifying WAN technology bandwidth	Which of the following uses a centralized authentication method?	What is the basic purpose of a LAN (local area network)?	Identifying a network topology	Identifying network topologies
Identifying Internetworking devices	Identifying WAN technology bandwidth @Eldenseptet	Which of the following uses a centralized authentication method?	What is the basic purpose of a LAN (local area network)? 49.044500445	Identifying a network topology	identifying network topologies

Figure 6.15: Create Custom Test with My Selection Option

In grid view, the **check** symbol at the top-right corner of the item and the **light gray** color indicates the item is selected.

Name Custom Test	Duration 120 Minute	s Selected items: 4	Create Custom Test		
Items A	nswer Options (when applical Randomize 🛛 Last item a	ole) "None of the above"			
My Selection •	18. Soft• Unatter	pted • Lats Exercis	e Test Sets Quiz Asses	isment All Type • 4	Selected 1553 Available
q Search	2 III	7	8	12	13 🕅
	x		Î 🔽		_ ص
Identifying	Identifying WAN technology bandwidth	Which of the following uses a centralized authentication method?	What is the basic purpose of a LAN (local area network)?	identifying a network topology	Identifying network topologies
internetworking devices					

Figure 6.16: Select Items

To deselect any item, click again on the desired item. There are two tabs next to the **All Type** dropdown:

- Selected: It will show the items which you have selected for the custom test.
- Available: It will show the items which have not been selected for the custom test.

Name Custom Test	Duration 120 Minute	es Selected items: 8	Create Custom Test		
Items A	answer Options (when applica Randomize 🛛 Last item a	ble) s "None of the above"			
My Selection	18. Soft+ Unatter Search	mpled • Labs Exercise	e Test Sets Quiz Asset	sment All Type • 4 Se	lected 1549 Available
1341	1342	1343	1344 🔤 🗹	1345	1346 🔤
A newly appointed network administrator wants towing tools	You've just taken over as network administratorrid.	You are the network administrator and your compaify that the	A network administrator needs to disable activeI be	Filtering entries in Event Viewer	Identifying Syslog severity levels
sil-Unaccomposed	49 Unaccompted	90 Unattempted	sh Unattempted	g# Unattempted	of Unattempted

Figure 6.17: Selected and Available Items

To view in list, click the **List view** icon.

Name	Custom	Test	Dura	tion 1	20 Minutes Selected items: 4	Crea	ile Cust	om Test					5
Iten	ns tandomize	tems	Answer C	iptions ( mize	when applicable) Last item as "None of the above"								
My S	election	•	18.	Soft•	Unattempted • Labs Exerc	ise T	Test Set	s Quiz	Asses	sment	All Typ	4 Selected 1553 Available	
Q	Search				Search								
	GUID	Last Result	Lesson	Туре	Item Snippet	••		GUID	Last Result	Lesson	Туре	Item Snippet	
1341	035ZC	ø	18.1.1	Y	A newly appointed network administrat or wants towing tools should the net work administrator use? Text C	•	,	035ZC	ø	18.1.1	V	A newly appointed network administrator w ants towing tools should the network ad ministrator use?	

Figure 6.18: List View of My Selection

In list view, as soon as the item gets selected, the right arrow on the item is changed to left arrow. All the selected items are shown on the table on the right side of the page. To deselect any item in list mode, click the **delete** icon of the required items from the right side table.

			1										
lame	Custom	Test	Dura	tion 1	20 Minutes Selected items: 4	Crea	te Cusk	om Test					-
Iter	ns Randomizi	e items	Answer O	options ( mize	when applicable)								
My	Selection	•	18.	Soft	Unattempted • Labs Exerc	cise T	iest Sets	Quiz	Asses	sment	All Typ	e • 4 Selected 1553 Available	
Q	Search				Search								
	GUID	Last Result	Lesson	Туре	Item Snippet	••		GUID	Last Result	Lesson	Туре	Item Snippet	t
1341	035ZC	ø	18.1.1	•	A newly appointed network administrat or wants towing tools should the net work administrator use? TextC	•	1	035ZC	ø	18.1.1	2	A newly appointed network administrator w ants towing tools should the network ad ministrator use?	
					Voulve just taken over as network admi-							You are the network administrator and you	
1342	00av0	90	18.1.2		nistratorrld. What tool would you use to accomplish this? Text B	•	2	00avs	ø	18.1.3		r compaify that the email packages are be ing encrypted? TextA	0

Figure 6.19: Selected Items in List View

#### Auto Selection

To select items in the **Auto Selection** mode, drag the **Items** slider left or right to select the number of items.

vame	Custom Test Duration 120 Minutes Selected items: 0	Create Custom Test			
iter B	ms Answer Options (when applicable) Randomize items Randomize Last item as "None of the above"				
Aut	o Selection • Exercise Test Sets Quiz Labs				
	Lesson Name	Items Available	Items		Items Selected
	Lesson Name	Items Available 44	Items	+	items Selected
# 1 2	Lesson Name Introduction to Networks The Open Systems interconnection Specifications	Items Available 44 45	Items	++	Items Selected 0 0
# 1 2 3	Lesson Name Introduction to Networks The Open Systems interconnection Specifications Networking Topologies. Connectors, and Wiring Standards	Items Available 44 46 85	Items	+++++	Items Selected 0 0 0 0
# 1 2 3 4	Lesson Name Introduction to Networks The Open Systems Interconnection Specifications Networking Topologies. Connectors, and Wiring Standards The Current Ethernet Specifications	Items Available 44 45 85 54	Items -  -  -  -  -  -  -  -  -  -  -  -  -	+ + +	Items Selected 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# 1 2 3 4 5	Lesson Name Introduction to Networks The Open Systems interconnection Specifications Networking Topologies. Connectors, and Wiring Standards The Current Ethernet Specifications Networking Devices	Items Available 44 46 85 54 70	Items	+ + + +	Items Selected 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Figure 6.20: Create Custom Test with Auto Selection

To deselect items from Labs, Exercise, Test Sets, or Quiz, click on their respective buttons or drag the **Items** slider left or right to select or deselect the number of items.

lame	Custom Test Duration 120 Minutes Selected items: 0	Create Custom Test			L.
ite:	ms Answer Options (when applicable) Randomize items Randomize East item as "None of the above"				
Aut	o Selection • Exercise Test Sets Quiz Labs				
	Lesson Name	Items Available	Iber	ns	Items Selected
*	Lesson Name Introduction to Networks	Items Available	iter	ns +	items Selected
* 1 2	Lesson Name Introduction to Networks The Open Systems Interconnection Specifications	Items Available 20 19		ns + +	Items Selected 0 0
* 1 2 3	Lesson Name Introduction to Networks The Open Systems Interconnection Specifications Networking Topologies. Connectors, and Wiring Standards	Items Available 20 19 56	iter	ns + + +	items Selected 0 0 0 0 0
* 1 2 3 4	Lesson Name Introduction to Networks The Open Systems Interconnection Specifications Networking Topologies. Connectors. and Wiring Standards The Current Ethernet Specifications	Items Available 20 19 56 31	iter	ns + + + +	Items Selected 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* 1 2 3 4 5	Lesson Name Introduction to Networks The Open Systems Interconnection Specifications Networking Topologies, Connectors, and Wiring Standards The Current Ethernet Specifications Networking Devices	Items Available 20 19 56 31 40	iter	ns + + + + + + + + + +	Items Selected 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
<ul> <li>1</li> <li>2</li> <li>3</li> <li>4</li> <li>5</li> <li>6</li> </ul>	Lesson Name Introduction to Networks The Open Systems Interconnection Specifications Networking Topologies. Connectors, and Wiring Standards The Current Ethernet Specifications Networking Devices Introduction to the Internet Protocol	Items Available 20 19 56 31 40 38		ns + + + + + + + + + + + + + + + + + + +	Items Selected 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Figure 6.21: Select or Deselect Items

5. Click the Create Custom Test button to freeze your preferences for the custom test.
|   |   |   |            |                                 | contral contraction                             |
|---|---|---|------------|---------------------------------|---|
| lame  | Custom Test Duration 120 Minutes Selected items: 62   | Create Custom Test                                  |            |                                 |   |
| lte   | ms Answer Options (when applicable)<br>Randomize items Randomize Last item as "None of the above"   |   |            |                                 |   |
| Aut   | to Selection • Exercise Test Sets Quiz Labs   |   |            |                                 |   |
|   | Lesson Name   | Items Available                                     | Items      | 5                               | Items Selected                                  |
|   | Lesson Name<br>Introduction to Networks   | Items Available                                     | items<br>— | •                               | Items Selected                                  |
| #<br>1<br>2   | Lesson Name Introduction to Networks The Open Systems Interconnection Specifications  | Items Available<br>20<br>19                         | item:      | +                               | Items Selected<br>4<br>17                       |
| #<br>1<br>2<br>3  | Lesson Name Introduction to Networks The Open Systems Interconnection Specifications Networking Topologies, Connectors, and Wiring Standards  | Items Available<br>20<br>19<br>56                   | items<br>  | •<br>• •<br>• •                 | Items Selected<br>4<br>17<br>0                  |
| #<br>1<br>2<br>3<br>4   | Lesson Name Introduction to Networks The Open Systems Interconnection Specifications Networking Topologies, Connectors, and Wiring Standards The Current Ethernet Specifications  | Items Available 20<br>19<br>56<br>31                | items<br>  | *<br>8 *<br>*                   | items Selected<br>4<br>17<br>0<br>0             |
| <ul> <li>1</li> <li>2</li> <li>3</li> <li>4</li> <li>5</li> </ul> | Lesson Name Introduction to Networks The Open Systems Interconnection Specifications Networking Topologies, Connectors, and Wiring Standards The Current Ethernet Specifications Networking Devices                                       | Items Available<br>20<br>19<br>56<br>31<br>40       | Rems<br>   |                                 | items Selected<br>4<br>77<br>0<br>0<br>31       |
| #<br>1<br>2<br>3<br>4<br>5<br>6                                   | Lesson Name Introduction to Networks The Open Systems Interconnection Specifications Networking Topologies, Connectors, and Wiring Standards The Current Ethernet Specifications Networking Devices Introduction to the Internet Protocol | Items Available<br>20<br>19<br>56<br>31<br>40<br>38 | Items      | •<br>•<br>•<br>•<br>•<br>•<br>• | Items Selected<br>4<br>77<br>0<br>0<br>31<br>10 |

Figure 6.22: Create Custom Test Button

Click on the desired test mode to attempt the custom test.



Figure 6.23: Custom Test Modes

# **Post Assessment**

**Post Assessment** consists of mock final questions; you will be able to gauge your certification exam readiness after attempting this assessment. To navigate to **Post Assessment** questions, click the **Post Assessment** tab on the **Dashboard** or select the **Post Assessment** option from the **Course Navigation** menu.

according		My Library	Support -		
Pre-Assessment ieitotity areas for improvement with this 95 question assessment before you been the course.	dP Link with Instructor				
Chapters & Lessons Study lessons. complete labs. watch videos and work through flashcards. exercises and quitzes.	Start 12-May-17	Day 331	Target 08-Nov-17		
Practice Tests Prepare for your exam in this 360 question simulated test environment.	Based on your activity to date, your readiness score is 0%. if you continue at this pace, you will need 1092 months. 1 week, 2 days, to achieve a readiness score of				
Performance-based Lab Learn the real world skills using performance-based lab.	100%. Your current estimated completion date is 16 09.				
Post Assessment Gauge your understanding & readiness.	Op	en Study Planne	r		
Graded Assessment Prove your mastery of each topic by completing the graded assessment.	When you achieve a readiness score of 90% or better, you are eligible to receive your certificate of course completion from uCertify.				
	Test History	y & Performance	Analytics		
	These reports will identify the areas yo on areas	I allow you to gauge ou have mastered an which need improve	your progress. nd help you focus		

Figure 6.24: Post Assessment Tab

Note: The options available may vary from course to course.

The process of selecting test modes and other settings are same as that of **Pre-Assessment**.

## **Graded Assessment**

Graded Assessment consists of set of questions created by instructor. To navigate to Graded Assessment menu, click the Graded Assessment tab on the Dashboard or select the Graded Assessment option from the Course Navigation menu.

Pre-Assessment identify areas for improvement with this 95 question assessment before you begin the course.	Ø Link	with Instructor		
Chapters & Lessons Study lessons, complete labs, watch videos and work through flashcards, exercises and quizes.	Start 12-May-17	Day 331 0% Target 08-Nov-17		
Practice Tests Prepare for your exam in this 360 question simulated test environment.	Based on your activity 0%. If you continue a months, 1 week, 2 days	to date, your readiness score is t this pace, you will need 1092 t, to achieve a readiness score of		
Performance-based Lab Learn the real world skills using performance-based lab.	100%. Your current esti	100%. Your current estimated completion date is 16-Apr 09.		
Post Assessment Gauge your understanding & readiness.	Open	Study Planner		
Graded Assessment Prove your mastery of each topic by completing the graded assessment.	When you achieve a rr you are eligible to re complet	adiness score of 90% or better, telve your certificate of course ion from uCertify.		
	Test History & These reports will all identify the areas you h	Performance Analytics w you to gauge your progress. ave mastered and help you focus		

Figure 6.25: Graded Assessment Tab

You will be redirected to the **assessment** page. All the assessments created by your instructor will be shown here along with the number of items, end date of the assessment, status of the assessment, total attempts made for the assessment, and action (If you have attempted the assessment, it will show two buttons: **Result** and **Start**).

	Name	Items	Due/Grade	Start/Status	Attempts	Action
0	Assess 1 Assignment1	47	End of Class	Now	0 of 3	START
0	Assess 2 Assignment1	28	End of Class	Now	0 of 4	► START
0	Assess 3 Assignment1.1	158	End of Class	Now	0 of 6	► START

Figure 6.26: Assessment List Page

Click the **Start** button to begin the assessment.

# Flashcards, Quizzes, and Exercises

Click the **Chapters & Lessons** tab on the **Dashboard** or select the **Chapters & Lessons** option from the **Course Navigation**, and then click **Exercises**, **Flashcards**, and **Quizzes**.



Figure 6.27: Course Dashboard with Chapters & Lessons Tab

On the **Table of Contents** page, you would find each chapter has its own **Cards**, **Quizzes**, and **Exercises**.

Shortcuts	Description
R	To navigate to item list
Ρ	To view previous item or activity
Ν	To view next item or activity
Ctrl+?	To open settings modal box
F	To flip flashcard
C	To mark answer as correct
I	To mark answer as incorrect

## Table 6.2: Cards, Quizzes, and Exercises Shortcuts

## CARDS

To go through flashcards of any chapter, click the Cards button next to the chapter name.



## **GIF 6.3: Opening the Chapter Flashcards**

@ Re 96	esult %	✓ Correct 32	× Inco	rrect	≣ items 33						My I	urary •	support •
A	a 🗸	Correct X	Incorrect	90 Unatte	mpted	-	www					Bac	k: click to flip
1	Bac	kbone errect											
2.	Bus	orrect.				9							
3.	Bus	topology											
4.	Cer	tralized comp	outing										
5.	Clie	nt-server net	work										
6.	Dist	tributed WAN											
7.	Dur	mb terminal					✓ Correc	t X Incorrect	Previous 🔇	33 of 33	> Next	۰	Go back

Figure 6.28: Flashcard Results

Read the question or terminology and recall its description. Now, assess your understanding by checking out its explanation by using the **Next** button on the bottom bar.

If your understanding is correct, grade yourself **Correct** or else opt for **Incorrect** from the bottom bar respectively.

You can make a bookmark, judge your confidence level, and write notes for a Flashcard by

clicking the three-dots menu on the top-left corner.

## QUIZZES

To go through **Quizzes** of any chapter, click the **Quizzes** button next to the chapter name. Select a mode and start the test.

₩uCer	rtify 🇱 CompTIA Network+ Deluxe Study Guide Third Editi	on (Cour Helo Student Velo Student Support •
ii Table of	Contents 🔾 Annotation dt Videos 🗊 Glossary 💩 Resou	rces Q Search
Q, Sear	ch	Start where you left off     G Go to the farthest point read     S Complete     Secondates
© 🚺	Introduction to Networks	Cards Quittes Exercises Labs
	1.1 First Things First: What's a Network?	
	1.2 Physical Network Topologies	
	1.3 Topology Selection, Backbones, and Segments	
	1.4 Summary	
	1.5 Exam Eccentials	
	1.6 Written Labs	
2	The Open Systems Interconnection Specifications	Cards Quizzes Exercises Labs
	2.1 Internetworking Models	
	2.2 The OSI Reference Model	
https://www.ucertify.com/	/Tuncistant_test&test_type=-38iparent_guid=02P/V	

GIF 6.4: Opening the Chapter Quizzes

## EXERCISES

To go through **Exercises** of any chapter, click the **Exercises** button next to the chapter name. Select a mode and start the test.

5	🕊 uCertify 🏢 CompTIA Network+ Deluxe Study Guide Third Edition (Cour 🛛 🙀 🖓 Library -
	E Table of Contents Q Annotation dt Videos (1) Glossary & Resources Q Search
	Q.         Search         Start where you left off         Go to the farthest point read         Image: Comparison of Compari
	Introduction to Networks
	1.1 First Things First: What's a Network?
	1.2 Physical Network Topologies
	<ul> <li>1.3 Topology Selection, Backbones, and Segments</li> </ul>
	1.4 Summary
	1.5 Exam Essentials
	<ul> <li>1.6 Written Labs</li> </ul>
	2 The Open Systems Interconnection Specifications
	<ul> <li>2.1 Internetworking Models</li> </ul>
	2.2 The OSI Reference Model
https:/	/www.ucertify.com/Thuncscustom_test&parent_guids/02FVY

GIF 6.5: Opening the Chapter Exercises

# How to view progress made in Flashcards, Quizzes, Exercises, and Labs

There are couple of ways to view the progress made in the Flashcards, Exercises, and Quizzes.

TO VIEW THE PROGRESS MADE IN FLASHCARDS

## Method 1

On the **Dashboard**, click the **Chapters & Lessons** tab.



Figure 6.29: Chapters & Lessons Tab on Course Dashboard

Hover on the Cards button, a pop-up indicating the percentage of completion will appear.

E Table	of Contents 🕒 An	notation dt Vi	deos 🖽 Glossary	& Resources	Q Search				
Q S	earch				$\boldsymbol{\gamma}$ Start where you left off $\ensuremath{}$ Go to the far	thest point r	ead •••	Enable bil-	ize learnin
D 🤇	Introduction t	o Networks ••			-	- Cards	Ouizzes E		() abs
	1.1 First Things F	irst: What's a Ne	twork?						
	1.2 Physical Net	work Topologies							
	1.3 Topology Sel	ection, Backbone	s, and Segments						
	1.4 Summary								
	1.5 Exam Essent	ials							
- 1	1.6 Written Labs								
6	2 The Open Syst	ems Interconr	ection Specificatio	ms			٢	<b>(</b>	6
						Carde	Ouizzes F	werrises 1	abs

Figure 6.30: Progress Made in Flashcards

As per your percentage of completion, the outer ring of the **Cards** button will fill to green.

## Method 2

On the **Dashboard**, click the **Open Study Planner** tab.

Pre-Assessment Identify areas for improvement with this 95 question assessment before you	d <sup>p</sup> Link with Instructor			
Chapters & Lessons     Study less and quizzes.	Day 332           Start         2%         Targ           12-May-17         08-Nov			
Practice Tests Prepare for your exam in this 360 question simulated test environment.	Based on your activity to date, your readiness score 2%. If you continue at this pace, you will need 542 months. 1 week, 1 day, to achieve a readiness score of			
Performance-based Lab Learn the real world skills using performance-based lab.	100%. Your current estimated completion date is 16-ju 63.			
Post Assessment Gauge your understanding & readiness.	Open Study Planner			
Graded Assessment Prove your mastery of each topic by completing the graded assessment.	When you achieve a readiness score of 90% or better, you are eligible to receive your certificate of course completion from uCertify.			
	Test History & Performance Analytics			

Figure 6.30: Study Planner Button on Course Dashboard

Go to **Step 3: Lessons & Exercises**. Hover on the **Cards** button, a pop-up indicating the percentage of completion will appear. As per your percentage of completion, the color of the **Cards** button will change to green.

	🕊 uCertify 🏢 CompTIA Network+ Deluxe Study Gu	ide Third Edition (Cou	ır			Helio Student My Library +	Feedback & Support •
	Step 3: Lessons, Flashcards, and Quizzes Attempt the flashcards and quizzes after reading each lesson						
	<ul> <li>Read through the content in each lesson: maintain a consistent rea</li> <li>Attempt flashcards and quiz for a lesson only after you have studie</li> <li>Take the quizzes in Learn mode, particularly for unfamiliar areas.</li> <li>Make sure you thoroughly review your results and all answer expla</li> <li>Take and re-take flashcards and quizzes in Test mode until you sco</li> </ul>	ding schedule. d the lesson. nations. re 100% on every quiz.					
	# Lessons	Cards	Quizzes	Exercises	Labs		
)	1 Introduction to Networks	Cards	Quiz	Exercise	Labs		
	2 The Open Systems Interconnection Specifications	Cards	Quiz	Exercise	Labs		
	3 Networking Topologies, Connectors, and Wiring Standards	Cards	Quiz	Exercise	Labs		
	4 The Current Ethernet Specifications	Cards	Quiz	Exercise	Labs		
	5 Networking Devices	Cards	Quiz	Exercise	Labs		
	6 Introduction to the Internet Protocol	Cards	Quiz	Exercise	Labs		
	7 IP Addressing	Cards	Quiz	Exercise	Labs		~

Figure 6.31: Flashcard Progress in Study Planner Page

## TO VIEW THE PROGRESS MADE IN QUIZZES, EXERCISES, AND LABS

## Method 1

On the **Dashboard**, click the **Chapters & Lessons** tab.

Pre-Assessment Identify areas for improvement with this 95 question assessment before you	4P Link with Instructor				
Chapters & Lessons Study lessons, complete labs, watch videos and work through flashcards, exercises and guizzes.	Day 332 Start 2%	Target 08-Nov-12			
Practice Tests Prepare for your exam in this 360 question simulated test environment.	Based on your activity to date, your 2%. If you continue at this pace, yo months, 1 week, 1 day, to achieve a	readiness score is ou will need 542 readiness score of			
Performance-based Lab Learn the real world skills using performance-based lab.	100%. Your current estimated completion date is 16-ju 63.				
Post Assessment Gauge your understanding & readiness.	Open Study Plann	etion			
Graded Assessment Prove your mastery of each topic by completing the graded assessment.	When you achieve a readiness score of 90% or better, you are eligible to receive your certificate of course completion from uCertify.				
	Test History & Performance	e Analytics			
	These reports will allow you to gau identify the areas you have mastered	ge your progress. and help you focur			

Figure 6.31: Chapters and Lessons Tab

Hover on the Quizzes, Exercises, or Labs button, a pop-up indicating completion will appear.

i≣ Table o	f Contents   Annotation	da Videos	(1) Glossary	& Resources	Q Search			
Q Sea	arch				Start where you left off	int read	<ul> <li>Enable bi 50% Complete</li> </ul>	t-size karning
۵ 🚺	Introduction to Netwo	rks · · · · ·					Exercises	(C)
	1.1 First Things First: What	's a Networki			1.000			
	1.2 Physical Network Topo	logies						
	1.3 Topology Selection, Ba	ckbones, and	Segments					
	1.4 Summary							
	1.5 Exam Essentials							
•	1.6 Written Labs							
2	The Open Systems Inte	erconnectio	n Specificatio	ns •••••		) (6)	۲	6
T	2.1 Internetworking Mode	k			Car	is quares	Exercises	Laos

Figure 6.32: Progress Made in Exercises

As per your percentage of completion, the outer ring of the **Quiz**, **Exercise**, or **Labs** button will fill to green.

#### Method 2

On the Dashboard, click the Open Study Planner tab.

Pre-Assessment Identify areas for improvement with this 95 question assessment before you	d <sup>p</sup> Link with Instructor	
Chapters & Lessons     Study lessons complete labs, watch videos and work through flashcards,     exercises and quizzes.	Day 332 Start 2%	Targe 08-Nov-1
Practice Tests Prepare for your exam in this 360 question simulated test environment.	Based on your activity to date, your readiness 2%. If you continue at this pace, you will ne months, 1 week, 1 day, to achieve a readiness	s score is ed 542 score of
Performance-based Lab Learn the real world skills using performance-based lab.	100%. Your current estimated completion date 63.	r is 16-jun
Post Assessment Gauge your understanding & readiness.	Open Study Planner	
Graded Assessment Prove your mastery of each topic by completing the graded assessment.	When you achieve a readiness score of 90% of you are eligible to receive your certificate of completion from uCertify.	or better, course
	Test History & Performance Analy These reports will allow you to gauge your p	tics rogress.

Figure 6.33: Study Planner Tab

Go to **Step 3: Lessons & Exercises**. Hover on the **Quiz**, **Exercise**, or **Labs** button, a pop-up indicating the percentage of completion will appear. As per your percentage of completion, the color of the **Quizzes**, **Exercises**, or **Labs** button will change to green.

٤	uCertify 🏢 CompTIA Network+ Deluxe Study Guid	e Third Edition (Cou	r			Helo Student Feedback & My Library • Support •
St	tep 3: Lessons, Flashcards, and Quizzes tempt the flashcards and guizzes after reading each lesson					
	<ul> <li>Read through the content in each lesson: maintain a consistent readin Attempt flashcards and quiz for a lesson only after you have studied to Take the quizzes in Learn mode, particularly for unfamiliar areas.</li> <li>Make sure you thoroughly review your results and all answer explana</li> <li>Take and re-take flashcards and quizzes in Test mode until you score</li> </ul>	ig schedule. he lesson. tions. 100% on every quiz.				
1	Lessons	Cards	Quizzes	Exercises	Labs	
4	Introduction to Networks	Cards	Quíz	Exercise	Labs	
	The Open Systems Interconnection Specifications	Cards	Quiz	Exercise	Labs	
	Networking Topologies, Connectors, and Wiring Standards	Cards	Quiz	Exercise	Labs	
3	The Current Ethernet Specifications	Cards	Quiz	Exercise	Labs	
		Cards	Quiz	Exercise	Labs	
-	s Networking Devices					
	introduction to the Internet Protocol	Cards	Quiz	Exercise	Labs	

Figure 6.34: Quiz, Exercise, and Labs Progress in Study Planner Page

## Method 3

On the **Dashboard**, click the **Test History & Performance Analytics** tab. Click the **Review** button next to the **Test History & Progress Reports** option. You can search performance of desired **Quiz**, **Exercise**, or **Labs** using the **Search** box.

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Pre-Assessment Ventify areas for improvement with this 95 question assessment before you begin the course.  Chapters & Lessons Study lessons complete labs, watch videos and work through flashcards, exercises and quizzes.  Propare for your exam in this 360 question simulated test environment.  Performance-based Lab Complete real world skills using performance-based lab.	All Contents of the second state of the s
Post Assessment Gauge your understanding & readiness. Graded Assessment Prove your mastery of each topic by completing the graded assessment.	Certificate of Completion Certificate of Completion When you achieve a readiness score of 90% or better, you are eligible to receive your certificate of course completion from uCertify. Test History & Performance Analytics These reports will allow you to gauge your progress, identify the areas you have mastered and help you focus on areas which need improvement.

GIF 6.5: Opening Test History & Performance Window and Reviewing the Performance

## Bottom bar while navigating through assessments

• **Previous:** Clicking the **Previous** button will take you to the previous question of the assessment. At first question, this button is disabled.

¢1	opolo	ogy as shown in the figure below:					0					
			8	Ē.	Ē.	E.						
		4 <u> </u>		in the second se	in the second se	h						
Y	ou're	asked to move four workstations to another depar	tment. You	u cut the cal	ble from the	e center. What will b	e your next step?					
A	0	Install 50 ohm terminators at both the open ends	where the	e cable has t	een cut.							
в	0	No need to do anything else. Just move one half to the other department.										
c	0	Install a 50 ohm terminator on the open end of th	ne cable th	at will be sh	ifted to the	other department.						
-		Install a 50 obm terminator on the open and of th	e cable th	at will not b	e shifted to	the other departme	ent.					

Figure 6.35: Previous Button in Bottom Navigation Bar of Assessment

• Next: Clicking the Next button will take you to the next question of the assessment.



Figure 6.36: Next Button in Bottom Navigation Bar of Assessment

If you are on the last question of the assessment, then clicking the **Next** button will open a modal box showing that you are on the last question.

Clicking the End Test button will take you to the result page of the Exercise.





The result page displays:

- Result percentage.
- Number of correct questions.
- Number of incorrect questions.
- Number of unattempted questions.
- Total time taken.
- Graph which shows time spent on each question and whether it is correct or incorrect.
- Table with the correct answer, your answer, result, and bookmark information for each question.

You can share your result with friends, review your test, retake test of all items or all incorrect options by following the link on the right side of the page. You can go to the **Test History** page by clicking the **Go back** button.

- Clicking the Retake test all items will allow you to again take test of all items of the assessment. Clicking the Retake test – incorrect items will allow you to take test of all incorrect answered items of the assessment.
- Clicking the **Review items and explanations** will allow you to review answers of all items with detailed explanations.
- Clicking the Go to test history will take you to the test history page. The Test History

page displays a list of tests you have attempted with their scores.

• Settings: Includes four options Font & Color Settings, Enhanced Accessibility, Keyboard, and Full Screen.



Figure 6.38: Settings Button Options in Bottom Bar of Assessments

• Selecting the **Font & Color Settings** option will open a pop-up box with font and color setting controls.

			8					
			Font & Color Settings	Keyboard Shortcuts	Enhanced Accessibility			
			Font family:					
			Default			•		
Y	ou're	asked to move four workstatio	Font size:				ur next step?	
A		Install 50 ohm terminators at	Normal			•		
B		No need to do anything else	Theme: 🔘 🔴 🔴					
		the first of any many and			Restore Default Cl	ose		
c		Install a 50 ohm terminator o					2	
D		Install a 50 ohm terminator or	n the open end of the o	able that will not be	shifted to the other depa	artment		

Figure 6.39: Font and Color Settings Modal Box

The Font family drop-down allows you to change the font used in the course.

	Q: as	show	work as network administrator on in the figure below:	for Tech Perfect Inc.	The company has a	TCP/IP-based net	work. The net	work is configured	with the bus topology
				Font & Color Settings	Keyboard Shortcuts	Enhanced Accessib	ity		
				Font family:					
	Yo	u'ne a	isked to move four workstatio	Default Default				sur next step?	
E	A	0	Install 50 ohm terminators at	Ucertify Learn Ucertify Simple Ucertify Begont Ucertify Opendysiexic				ni nev eup i	
3	в		No need to do anything else.	Theme: 🕥 🍯 🛡					
2	с		Install a 50 ohm terminator o			Restore Default	Close		
a	D		Install a 50 ohm terminator or	the open end of the o	able that will not be	shifted to the othe	r department		

Figure 6.40: Font Family Options

The Font size drop-down allows you to change the font size of text showing in the course .

	3 3110	in in the ingene weren.						
			Font & Color Settings	Keyboard Shortcuts	Enhanced Ac	cessibility		
			Font family:					
			Default				•	
Y	ou're	asked to move four workstatio	Font size:				ur next step?	
A		Install 50 ohm terminators at	Normal			•		
			Small					
B		No need to do anything else.	Large					
c		Install a 50 ohm terminator o	Huge					
D		Install a 50 ohm terminator or	the open end of the c	able that will not be	shifted to the	other departmy	ant -	

Figure 6.41: Font Size Options

There are three color modes: **White**, **Sepia**, and **Black**. White is used by default. You can change the color mode by selecting the appropriate buttons. Clicking the **Restore Default** button will reset all fonts and colors to default.

				Font & Color Settings	Keyboard Shortouts	Enhanced Accessibilit	by .		
				Font family:					
				Default			•		
	You	re a	isked to move four workstatio	Font size:				ur next step?	
P	4		Install 50 ohm terminators at	Normal			•		
E	3		No need to do anything else.	Theme: 💿 🥚 🌑					
C	2		Install a 50 ohm terminator o			Restore Detault	Close		
	2		Install a 50 ohm terminator or	the open end of the o	able that will not be	shifted to the other	department		

Figure 6.42: Theme Color Options

• Selecting the **Keyboard** option will open the **Keyboard Shortcuts** modal box.

	cop		g as another in the legal c wer				
			[	Font & Color Settings Keyboard	Shortcuts	Enhanced Accessibility	
				Help:/	Ansı	ver Options : 1-9 or A-H	
				Dashboard : <esc> then H</esc>	Incre	ase Time : T	
	You	u're i	asked to move four worksta	Prior : P	Exhil	sit : X	nil be your next step?
			Internation in the second second second	Next : N	Lean	n/Test: <space></space>	
1	A		Install 50 ohm terminators	Bookmark : <shift> + W</shift>	Paus	e Test : W	
	2			Confidence : <shift> + K</shift>	Item	s List : R	
2	B		No need to do anything el	Notes : <shift> + M then <shift> + N</shift></shift>	End	Test/Close : Z	
	c		Install a 50 ohm terminato	Print:CTRL + P			mt.
				Answer Options : 1-9 or A-H	Copy	Paste : <enter></enter>	
1	D		Install a 50 ohm terminato	Activate : ALT + <down-arrow></down-arrow>	Targ	et : «Tab»	tment.
				Navigate : < Arrow Keys>	Dele	te : <delete>/<fn +="" delete=""></fn></delete>	

Figure 6.43: Keyboard Shortcuts Modal Box

• Selecting the Enhanced Accessibility option will open the Enhanced Accessibility modal box. You can set the Animation, Accessibility, and TTS Playback Speed option as per the requirement.

	poid	ogy as snown in the ngure below		
			Font & Color Settings Keyboard Shortcuts Enhanced Accessibility	
			This is the Test page from where you can take the test to test your knowledge about the course. The shortcut key used for course navgation is Alt+G.	
Ye	ou're	e asked to move four workstati	Animation:	be your next step?
A		Install 50 ohm terminators a	Accessibility:	
в		No need to do anything else.	TTS Playback Speed(Default):	
с		Install a 50 ohm terminator o	Restore Default	t.
D		Install a 50 ohm terminator (		nent.

Figure 6.44: Enhanced Accessibility Modal Box

• Selecting the **Full Screen** option will enable to view the questions in full screen mode.

## SIDE PANEL IN ASSESSMENTS

Clicking the arrow icon at the left side of the assessment will open the item list in the side panel.

im ite	ms	Tech Perfect	Inc. The co	ompany has	a TCP/IP-	based network.	The network i	s configured with the	e bus
A	C Attempted S Unattempted					8			
1.	You work as network administrator f	4			1				
2.	You work as network administrator f		_			_			
3.	ldentifying OSI layer functions	Tother dep	artment. Y	ou cut the	cable from	the center. What	at will be your	r next step?	
4,	Which of the following devices work	4the open en	ds where t	he cable ha	s been cut	L			
5.	B HTTP, FTP, and Telnet work at which	nove one hal	f to the ot	her departn	nent.				
6.	You've installed a small network at a	· open end of	the cable	that will be	shifted to	the other depar	tment.		
	Construction second	open end of	the cable	that will no	be shifted	d to the other de	epartment.		
1 7.	Which of the following is the newest								

Figure 6.45: Item List in Side Panel

The **All** tab consists of all items in the assessment. Clicking the **three-dots** menu will open a dropdown.



Figure 6.46: Three-Dots Menu Drop-Down

Among the three dots, upper dot represents the **Bookmark**, middle dot represents **Confidence** marked questions, and the lower dot represents **Notes**.

Clicking the **Attempted** button will show the list of all attempted questions.

≡ Iter	ems	Tech Perfect Ir	nc. The com	pany has a To	P/IP-base	ed network. The	network is config	ured with the bus
All	Attempted Ø Unattempted		R					
90.	You have just tested your theory of a	4	Ĩ	Ĩ	Ĩ	Ĩ		
91.	What should be the last step in resol	8	8	B	8			
92.	Viewing TCP frame details using Net	innother depa	rtment. You	cut the cable	from the	center. What w	ill be your next ste	ep?
93.	Which network performance optimiz	the open end	s where the	cable has be	en cut.			A
		nove one half	to the other	department				
		open end of t	he cable tha	t will be shift	ed to the	other departme	nt.	
		open end of t	he cable tha	t will not be	shifted to	the other depar	tment.	

Figure 6.47: Attempted Items in Assessment

Clicking the **Unattempted** button will show the list of all unattempted questions.



Figure 6.48: Unattempted Items in Assessment

## IF YOUR TESTS ARE PENDING

a. If your multiple tests are pending, you will find the **Show All** button on the **Dashboard** and the practice test page.

ink with Instruct	tor	
Day 332		
2%		
	Targe 08-Nov-1	
Based on your activity to date, your 2%. If you continue at this pace, yo months, 1 week. 1 day, to achieve a		
estimated complet 63.	ion date is 16-Jur	
en Study Planne	Hr.	
Certificate of Completion When you achieve a readiness score of 90% or better, you are eligible to receive your certificate of course		
-	estimated complet 63. en Study Planne icate of Comple a readiness score o receive your certi	

Figure 6.49: Course Dashboard with Show All Button for Multiple Pending Tests

Click the Show All button to view the pending test list.

		Test History & Progre	ce Deporte			
		rest history & Progre	33 Reports			
0 1548	ood idea to review your answers	and compare them to the correct answers. To review.	click on the Settings ico	n of each detail. You can al	so retake the test to impr	ove your
¥ perform	mance score.					
Incomplete 1	fests/Assessments					
Date Time	Test					
08-Apr-18 12:00 AM PST	Quiz: 3. Networking Topolo	Quiz: 3. Networking Topologies, Connec				
08-Apr-18 12:00 AM PST	Quiz: 2. The Open Systems	Interconnect			Continue	eminale
08-Apr-18 12:00 AM PST	Practice Test A				Continue	eminate
Search Test		Select Test Mode		Select Test Type		
Q. Search		Select Test Mode		Select Test Type		
Date Time	Detail			Attempted	Performance (%)	•
	Furnish 3 The Open Curr	and fathering and			1	

Figure 6.50: Incomplete Test/Assessments Page

Click the **Continue** button of respective test to start, or click the **Terminate** button to end.

b. If only one test is pending, you will find the following options on the **Dashboard** and the practice test page:

CompTIA Network+ Deluxe Study Guide Third Edition (Cour	My	Library - Support	
Last test was not completed. Do you want to continue? Continue with the test session Terminate the test session			
Pre-Assessment Identify areas for improvement with this 95 question assessment before you begin the course.	@ Link with In	structor	
Chapters & Lessons Study lessons, complete labs, watch videos and work through flashcards, exercises and quizzes.	Day 332 Start 2% 12-May-17	Targe 08-Nov-1	
Practice Tests Prepare for your exam in this 360 question simulated test environment.	Based on your activity to date, your readiness score is 2%. If you continue at this pace, you will need 542 months, 1 week, 1 day, to achieve a readiness score of		
Performance-based Lab Learn the real world skills using performance-based lab.	100%. Your current estimated co 63.	mpletion date is 16-jun	
Post Assessment Gauge your understanding & readiness.	Open Study P	fanner moletion	
Graded Assessment Prove your massery of each topic by completing the graded assessment.	When you achieve a readiness you are eligible to receive you completion from	score of 90% or better. r certificate of course uCertify.	
	Test History & Perform	nance Analytics	

Figure 6.51: Continue with the Test Session or Terminate the Test Session Option for Single Pending Test

This test will continue only for the test time duration.

# How to view Test History of Assessments, Quizzes, Exercises, and Practice Tests

On the **Dashboard**, click the **Test History & Performance Analytics** tab. Click the **Review** button next to the **Test History & Progress Reports** option.

uCertify 🏭 CompTIA Network+ Deluxe Study Guide Third Edition (Cour	Hiela Student Feedback & My Library • Support •		
Pre-Assessment Ventify areas for improvement with this 95 question assessment before you begin the course.	d <sup>p</sup> Link with Instructor		
Chapters & Lessons Study lessons, complete labs, watch videos and work through flashcards, exercises and quizzes. Propare for your exam in this 360 question simulated test environment. Performance-based Lab	Day 331 Start 196 Target 08-Nov-17 Based on your activity to date, your readiness score is 1%. If you continue at this pace, you will need 1092 months, 1 week, 2 days, to achieve a readiness score of 100%. Your current estimated completion date is 16-Apr-		
Performance-based Lab     Learn the real world skills using performance-based lab.     Post Assessment     Graded Assessment     From your mattery of each topic by completing the graded assessment.	OP. Open Study Planner Certificate of Completion When you achieve a readiness score of 90% or better, you are eligible to receive your certificate of course		
	completion from uCertify. Test History & Performance Analytics These reports will allow you to gauge your progress, identify the areas you have mastered and help you focus on areas which need improvement.		
https://www.ucentily.com/Tactionsanalytics.			

GIF 6.6: Reviewing Test History & Progress Reports

You can search performance of desired assessments, quiz, exercise, labs, or practice tests using the **Search** box.

		,			
Q It's a g	ood idea to neview your answers and compare them to the com mance score.	ect answers. To review, click on the Settings	icon of each detail. You can a	iso retake the test to improv	re your
earch Test	Select Test Mod	e	Select Test Type		
Q Search	Select Test Mo	de	Select Test Type		
Date Time	Detail		Attempted	Performance (%)	٠
08-Apr-18 07.02 AM PST	Quiz: 3. Networking Topologies. Connec Test Mode		0/9	•	۰.
08-Apr-18 07:03 AM PST	Quiz: 2. The Open Systems Interconnect Text Mode		0/7	0	٥.
08-Apr-18	Practice Test A		0/90	•	۰.0
07:20 AM PST					

Figure 6.52: Test History & Progress Report Page

You can also search a particular assessment, quiz, exercise, lab, or practice test via their mode and type. Click the **Test Mode** drop-down, to select desired mode.

		Test History & Progress R	eports			
P It's a g	ood idea to review your answers and compare t mance score.	hem to the correct answers. To review, click o	on the Settings icon	of each detail. You can al	so retake the test to improv	e your
earch Test		Select Test Mode		Select Test Type		
Q Search		Select Test Mode		Select Test Type		
Date	Detail	1		Attempted	Performance (%) +	•
Time		Select Test Mode				
08-Apr-18 07:02 AM PST	Quiz: 3. Networking Topologies. Connec Test Mode	Test Mode Learn Mode		0/9	•	۰ م
08-Apr-18 97:03 AM PST	Quiz: 2. The Open Systems Interconnect	Review Mode		0/7	•	٥.
08-Apr-18 07:20 AM PST	Practice Test A Test Mode			0/90	•	۰.0
08-Apr-18 05:03 AM PST	Exercise: 2. The Open Systems Interconne Test Mode	ct		2/20	10	۰.
08 Apr 18	Pre-Assessment			0.66		

Figure 6.53: Test History & Progress Report Page with Test Mode Options

Now, click the **Test Type** drop-down and select the type of the test for which you wish to view the result.

		Test History & Progre	ss Reports			
Q It's a g	ood idea to review your answers an mance score.	d compare them to the correct answers. To review,	click on the Settings icor	n of each detail. You can also	retake the test to imp	rove your
earch Test		Select Test Mode		Select Test Type		
Q Search		Select Test Mode		Select Test Type		
Date Detail OB-Apr-18 OB-Apr-18 OB-Apr-18 OT-02 AM PST DB-Apr-18 OT-03 AM PST DB-Apr-18 OT-03 AM PST DB-Apr-18 OT-03 AM PST DB-Apr-18 OT-03 AM PST DB-Apr-18						
		s. Connec		Select Test Type Lab Pre-Assessment		
		erconnect	inect		Interactive Quiz Post Assessment	
08-Apr-18 07:20 AM PST	Practice Test A Test Mode			Practice Test B Practice Test C		
08-Apr-18 25:03 AM PST	Exercise: 2. The Open Systems Test Mode	interconnect		Practice Test D		_
08-Apr-18	Pre-Assessment			0/95	0	۰.

Figure 6.54: Test History & Progress Report Page with Test Type Options

# 8. Chapters and Lessons

Click the Chapters & Lessons tab on the Dashboard or select the Chapters & Lessons option

from the Course Navigation menu.



Figure 7.1: Course Dashboard with Chapters & Lessons Tab

Click on the chapter name to study any chapter. As per your reading percentage of each topic of a chapter, the outer ring of the corresponding topic or chapter will change its color accordingly: Click the **Chapters & Lessons** tab on the **Dashboard** or select the **Chapters & Lessons** option from the **Course Navigation** menu.

Pre-Assessment identify areas for improvement with this 95 question assessment before you	dP Link with Instructor			
begin the course.  Chapters & Lessons Study lessons, complete labs, watch videos and work through flashcards, exercises and quizzes.	Day 332 Start 2%	Targe 08-Nov-1		
Practice Tests     Prepare for your exam in this 360 question simulated test environment.     Performance-based Lab     Learn the real world skills using performance-based lab.     Post Assessment     Gauge your understanding & readiness.     Graded Assessment     Prove your mastery of each topic by completing the graded assessment.	Based on your activity to date, your readiness score is 2%. If you continue at this pace, you will need 542 months. 1 week, 1 day, to achieve a readiness score of 100%. Your current estimated completion date is 16-jun 63.			
	Open Study Planner Certificate of Completion When you achieve a readiness score of 90% or better, you are eligible to receive your certificate of course completion from uCertify.			

Figure 7.1: Course Dashboard with Chapters & Lessons Tab

Click on the chapter name to study any chapter. As per your reading percentage of each topic of a chapter, the outer ring of the corresponding topic or chapter will change its color accordingly:

- Gray color denotes the topic or chapter is not read yet.
- Yellow color denotes that you have started reading the topic or chapter but not completed yet.
- Green color denotes the topic or chapter is read.

Shortcuts	Description
R	To navigate to item list
Spacebar	To scroll one page down
P	To view previous item or activity
Ν	To view next item or activity
Alt+K	To go back
Alt+C	To open Flashcards within chapters and lessons
Alt+Q	To open Quizzes within chapters and lessons
Alt+E	To open Exercises within chapters and lessons
Alt+L	To open Labs within chapters and lessons
Alt+A	To use accessibility features in chapter and lessons

## Table 7.1: Chapters & Lessons Shortcuts

## Text-to-speech

Text-to-speech converts the text into spoken words. You can access this by clicking on the **Play** button before the heading of the chapter. Also, the word will be highlighted in the chapters as per the audio.



GIF 7.1: Using Text-to-Speech Option in Chapters and Lessons

Note: The text-to-speech may vary from course to course.

# Maximum time spent

You can identify progress made in each topic with the help of the **Reading Indicator**. Initially, **Reading Indicator** will be white in color. On the basis of time spent on each topic, the bar will fill in green color.



Figure 7.2: Chapters & Lessons with Reading Indicator

You can mark any topic as read or unread. Click the **Reading Indicator** next to the topic name and click the **Mark as read** or **Mark as unread** option.

4	tuCertify III CompTIA Network+ Deluxe Study Guide Third Edition (Cour Ketback & Support -
	to one of the hosts. These two hosts "talk" to each other using a computer language called <i>binary code</i> , which consists of lots of 1s and 0s in a specific order that describes exactly what they want to "say." Next, I'm going to tell you about local area networks, how they work, and even how we can connect LANs together. Then, later in this chapter, I'll describe how to connect remote LANs together through something known as a wide area network.
⊚	The Local Area Network
	Just as the name implies, a local area network (LAN) is usually restricted to spanning a particular geographic location such as an office building, a single department within a corporate office, or even a home office.
	Back in the day, you couldn't put more than 30 workstations on a LAN, and you had to cope with strict limitations on how far those machines could actually be from each other. Because of technological advances, all that's changed now, and we're not nearly as restricted in regard to both a LAN's size and the distance a LAN can span. Even so, it's still best to split a big LAN into smaller logical zones known as workgroups to make administration easier.
	Note
	The meaning of the term workgroup in this context is slightly different than when the term is used in contrast to domains. In that context, a workgroup is a set of devices with no security association with one another (whereas in a domain they do have that association). In this context, we simply mean they physically are in the same network segment.
	In a typical business environment, it's a good idea to arrange your LAN's workgroups along department divisions; for instance, you would create a

GIF 7.2: Marking a Topic as unread

Once you open **Chapters & Lessons**, you will find a **Table of Contents** window, which consists of the following tabs:

- Table of contents: Consists of a list of chapters covered.
- Annotation: Consists of annotations marked in the chapters.
- Videos: Consists of videos used in the course.
- **Glossary:** Contains explanations of concepts relevant to the course, you can sort the desired term using its initial alphabets or with the help of search box.
- **Resource:** Provides the option to download the course outline.
- Search: Allows to search about any topic throughout the course.

i Table	of Contents 🛛 Annota	ation dt Videos 😝 Glossary 💩 Resources 🔍 Search
i Al #	A B C D E F G	H I J K L M N O P Q R S T U V W X Y Z
	100BaseT	Based on the IEEE 802.3u standard. 1008aseT is the Fast Ethernet specification of 100Mbps baseband that uses UTP wiring. 1008aseT sends link puls (containing more information than those used in 10BaseT) over the network when no traffic is present. See also 10BaseT. Fast Ethernet. IEEE 80: CSMA/CD Networking.
	100BaseTX	Based on the IEEE 802.3u standard. 100BaseTX is the 100Mbps base-band Fast Ethernet specification that uses two pairs of UTP or STP wiring. The fi pair of wires receives data: the second pair sends data. To ensure correct signal timing, a 100BaseTX segment cannot be longer than 100 meters.
	10BaseT	An implementation of Ethernet that specifies a 10Mbps signaling rate, baseband signaling, and twisted pair cabling.
	Access Control List (ACL)	A list of rights that an object has to resources in the network. Also can be referred to as a type of firewall. In this case, the lists reside on a router and determine which machines can use the router and in what direction.
	Access link	Switch port assigned to only one VLAN.
(I)	ACK	See acknowledgment (ACK).
I	Acknowledgment	A message confirming that the data packet was received. This occurs at the Transport layer of the OSI model.

Figure 7.3: Glossary of Chapters & Lessons

# **Table of Contents**

It shows chapters' name including all objectives.

- Start where you left off: Takes you to the point where you left last time while going through chapters.
- Go to the farthest point read: Takes you to the farthest point that you ever reached.
- Enable bite-size learning: Changes the mode of e-book reading. Select this (blue color shows the selection) to enable and then open the desired content. In this mode, you can navigate through each chapter objective wise; by default, an e-book is navigated chapter wise.

🕊 uCertify 🏭 CompTIA Network+ Deluxe Study Guide Third Editio	n (Course Helio Soudent My Library * Support *
III Table of Contents 🕒 Annotation du Videos 🖽 Glossary Q. Search	
Q, Search	Start where you left off 🐵 Go to the farthest point read 🚥 Enable bite size learning
Introduction to Networks     1.1 First Things First: What's a Network?     1.2 Physical Network Topologies     1.3 Topology Selection, Backbones, and Segments     1.4 Summary	Cards Quizzes Exercises Labs
1.5 Exam Essentials 1.6 Written Labs	
The Open Systems Interconnection Specifications	Cards Quizzes Exercises Labs
2.2 The OSI Deference Model	

## Figure 7.4: Options Available in Table of Content



Figure 7.5: Content with Enabled Bite-Size Learning



Figure 7.6: Content with Disabled Bite-Size Learning

# 9. Features Available in E-book

# Bookmark, Confidence, and Notes

Click the **three-dots** menu before the heading of any section in the chapter to bookmark, give confidence, and add notes for that section.

ų	uCertify 🏭 CompTIA Network+ Deluxe Study Guide Third Edition (Cour Heda Study: My Library - Keedback & Support -
ind,	Wide Area Network Wide Area Ne
	Note
	<ul> <li>Here's a list of some of the important ways that WANs are different from LANs:</li> <li>WANs usually need a router port or ports.</li> <li>WANs span larger geographic areas and/or can link disparate locations.</li> <li>WANs are usually slower.</li> <li>We can choose when and how long we connect to a WAN. A LAN is all or nothing-our workstation is either connected permanently to it or not at all, although most of us have dedicated WAN links now.</li> </ul>
	<ul> <li>WANs can utilize either private or public data transport media such as phone lines.</li> <li>We get the word <i>internet</i> from the term <i>internetwork</i>. An internetwork is a type of LAN and/or WAN that connects a bunch of networks, or <i>intranets</i>. In an internetwork, hosts still use hardware addresses to communicate with other hosts on the LAN. However, they use logical addresses (IP addresses) to communicate with hosts on a different LAN (other side of the router).</li> </ul>

GIF 8.1: Using Bookmark, Confidence, and Notes in Chapters

# Annotations

Here's how to highlight any text in the e-book section, and write comment:

Select the text you want to highlight and click the Annotate Adder icon from the pop-up box.

uCertify 🔛 CompTi	A Network+ Deluxe Study Guide T	/hird Edition (Course	Helio Souders My Library • Support •
Wide Area Network	c .		
There are legions of people Internet-every day! With the the Internet, WANs usually	who, if asked to define a wide a it in mind, you can imagine that V employ both routers and public IP	rea network (WAN), just couldn't do it. Yet most WAN networks are what we use to span large g inks, so that's generally the criteria used to defi	t of them use the big dog of all WANs-the eographic areas and truly go the distance. Lik ne them.
		Note	
WANs are so impo	rtant that I have dedicated an en	tire chapter to them: Chapter 16, "Wide Area N	etworks."
Here's a list of some of the	important ways that WANs are d	ifferent from LANs:	
<ul> <li>WANs usually need a</li> </ul>	router port or ports.		
<ul> <li>WANs span larger ged</li> </ul>	graphic areas and/or can link dis	sparate locations.	
<ul> <li>WANs are usually slow</li> </ul>	ver.		
<ul> <li>We can choose when</li> </ul>	and how long we connect to a W	AN. A LAN is all or nothing-our workstation is e	ether connected permanently to it or not at all,
although most of us no	we dedicated www links how.	madia queb se obene línee	
<ul> <li>When s can usize eithe</li> </ul>	r private or public data transport	media soch as priorie intes.	
We get the word Internet fro	om the term internetwork. An inte	arnetwork is a type of LAN and/or WAN that con	nects a bunch of networks, or intranets. In an
internetwork, hosts still use	hardware addresses to commun	licate with other hosts on the LAN. However, th	ey use logical addresses (IP addresses) to
	a different LAN (other side of the	e router).	
communicate with hosts on	a ameran a ni (anter aras ar mi		

GIF 8.2: Adding Annotate after Selecting the Text

Select any of the color in which you want your text to be highlighted, add comments, links, media title, upload file, and add tags. Click the **Save** button.

- IX *	Wide Area Network			
Th	ere are legions of people who, if asked to define a wide area network (WA ternet-every day! With that in mind, you can imagine that WAN networks ar	N. just couldn't do it. Yet most of	f them use the big dog of all WANs-th araphic areas and truly go the distan	ne ice. Like
th	e Internet, WANs usually employ both routers and public links, so that's ge	Comments	them.	
	N	LHK		
1	WANs are so important that I have dedicated an entire chapter to th	Media tite	vorks."	
		Select or drop your file		
He	ere's a list of some of the important ways that WANs are different from LAN • WANs usually need a router port or ports.	Add some tags here		
	WANs span larger geographic areas and/or can link disparate locations     WANs are usually slower.	Cancel Street	J.	
	<ul> <li>We can choose when and how long we connect to a WAN. A LAN is all although most of us have dedicated WAN links now.</li> </ul>	or nothing-our workstation is eith	er connected permanently to it or no	t at all,
	<ul> <li>WANs can utilize either private or public data transport media such as p</li> </ul>	hone lines.		
	e get the word internet from the term internetwork. An internetwork is a two	e of LAN and/or WAN that conne	ects a bunch of networks, or intranets	. In an
w	a Receive more intervier norm me recur memory but internetively is a the			1.4.
W	ernetwork, hosts still use hardware addresses to communicate with other h	nosts on the LAN. However, they	use logical addresses (IP addresses	() 10

**GIF 8.3: Adding Comment to the Selected Text** 

Hover on the highlighted text, a pop-up will appear on which you can see your comments.

Wide Area Network There are legions of people who, if asked to define a wire Internet-every day! With that in mind, you can imagine th the Internet, WANs usually employ both routers and pub	Evener Image     Evener Unerty     WAN     Evener Unerty     Evener     Evener Unerty     Evener     Evener Unerty     Evener Unerty     Evener     Evener Unerty     Evener     Evener Unerty     Evener     Even	em use the big dog of all WANs-the aphic areas and truly go the distance. Like em.	
Note			
<ul> <li>Here's a list of some of the important ways that WANs are different from LANs:</li> <li>WANs usually need a router port or ports.</li> <li>WANs span larger geographic areas and/or can link disparate locations.</li> <li>WANs are usually slower.</li> </ul>			
<ul> <li>WANS are usually slower.</li> </ul>			
<ul> <li>WANS are usually slower.</li> <li>We can choose when and how long we connect to although most of us have dedicated WAN links now</li> <li>WANS can utilize either private or public data transp</li> <li>We get the word <i>internet</i> from the term <i>internetwork</i>. An</li> </ul>	a WAN. A LAN is all or nothing-our workstation is either , port media such as phone lines. Internetwork is a type of LAN and/or WAN that connects	connected permanently to it or not at all,	

Figure 8.1: Comment on the Highlighted Text

To edit the annotated text, click the **edit** icon and save it again. To delete the annotated text, click the **cross** icon on the top-right corner of the pop-up.

# **Search from Wikipedia**

Select any text, and click the Wikipedia icon in the pop-up box to search from Wikipedia.

4	tuCertify 🏭 CompTIA Network+ Deluxe Study Guide Third Edition (Cour Held Studert My Library - Feedback & Support -
	Wide Area Network
	There are legions of people who, if asked to define a wide area network (WAN), just couldn't do it. Yet most of them use the big dog of all WANs-the Internet-every day! With that in mind, you can imagine that WAN networks are what we use to span large geographic areas and truly go the distance. Like the mercet, WANs usually employ both routers and public links, so that's generally the criteria used to define them.
	Note
WANs are so important that I have dedicated an entire chapter to them: Chapter 16, "Wide Area Networks."	
	Here's a list of some of the important ways that WANs are different from LANs: <ul> <li>WANs usually need a router port or ports.</li> <li>WANs span larger geographic areas and/or can link disparate locations.</li> <li>WANs are usually slower.</li> <li>We can choose when and how long we connect to a WAN. A LAN is all or nothing-our workstation is either connected permanently to it or not at all, although most of us have dedicated WAN links now.</li> </ul>
	WANs can utilize either private or public data transport media such as phone lines.
	we get the word internet from the term internetwork. An internetwork is a type of LAN and/or WAN that connects a bunch of networks, or intranets. In an internetwork, hosts still use hardware addresses to communicate with other hosts on the LAN. However, they use logical addresses (IP addresses) to communicate with hosts on a different LAN (other side of the router).
	And multare are the devices that make this possible

GIF 8.4: Searching from Wikipedia

Clicking the **Wikipedia** icon will take you to a new window with links. Click the **Open** button of the required link. It will open the search results of the text on Wikipedia.

For instance: If you click the Open button of the first link, the following screen will open.



GIF 8.5: Showing the Search Results of the Text on Wikipedia

# Search from Google

Select any text, and click the Google icon in the pop-up box to search from Google. It will open a

#### new window with Google search results of the text.

4	tuCertify 🏭 CompTIA Network+ Deluxe Study Guide Third Edition (Cour	eedback & Support +
	Wide Area Network	
	There are legions of people who, if asked to define a wide area network (WAN), just couldn't do it. Yet most of them use the big dog of all WANs- Internet-every day! With that in mind, you can imagine that WAN networks are what we use to span large geographic areas and truly go the dista the Internet, WANs usually employ both routers and public links, so that's generally the criteria used to define them.	the Ince. Like
	Note	
	WANs are so important that I have dedicated an entire chapter to them: Chapter 16, "Wide Area Networks."	
	Here's a list of some of the important ways that WANs are different from LANs: • WANs usually need a router port or ports.	
	WANs span larger geographic areas and/or can link disparate locations.	
	<ul> <li>Warks are usually solver.</li> <li>We can choose when and how long we connect to a WAN. A LAN is all or nothing-our workstation is either connected permanently to it or n although most of us have dedicated WAN links now.</li> <li>WANs can utilize either private or public data transport media such as phone lines.</li> </ul>	ot at all,
	We get the word internet from the term internetwork. An internetwork is a type of LAN and/or WAN that connects a bunch of networks, or intranet internetwork, hosts still use hardware addresses to communicate with other hosts on the LAN. However, they use logical addresses (IP addresse communicate with hosts on a different LAN (other side of the router).	ts. In an Hs) to
	And mutare are the devines that make this possible	Go back

**GIF 8.6: Showing Google Search Results of the Text** 

# Side Panel

Click the **arrow** icon on the left or press **R** key on the keyboard to open the **side panel**.

	😢 uCertify 🏭 CompTIA Network+ Deluxe Study Guide Third Edition (Cour 🛛 🙀 Feedback & Support -		
	Peer-to-Peer Networks Computers connected together in peer-to-peer networks do not have any central, or special, authority-they're all peers, meaning that when it comes to authority, they're all equals. The authority lies with the computer that has the desired resource being requested from it to perform a security check for proper access rights.		
	It also means that the computers coexisting in a peer-to-peer network can be client machines that access resources and server machines and provide them to other computers. This actually works pretty well as long as there isn't a huge number of users on the network, if each user backs things up locally, and if your network doesn't require much security.		
If your network is running Windows, Mac, or Unix in a local LAN workgroup, you have a peer-to-peer network. Figure 1.7 gives you a snapshot of a typi peer-to-peer network. Keep in mind that peer-to-peer networks definitely present security-oriented challenges; for instance, just backing up company do can get pretty sketchyl			
	Users Password Access Mickey ITalis? Full Pluto \$NoKats Read Louie 'WetM! Read Users Password Access Millie #Shorts? Read Louie WetM! Full Louie WetM! Full Louie WetM! Full Louie WetM! Full Louie WetM! Full Louie WetM! Shorts? Read Pluto &LittleTail! Full Louie WetM! Full		

GIF 8.8: Opening the Side Panel of Chapter

Once you open the **side panel**, you could see the following tabs:

- **Table of Contents:** By going nowhere, you can directly go to chapter or objective by clicking it.
- **Annotations:** All the bookmark, confidence, and annotated content heading are listed here. You can see all of these for all chapters here.
- Videos: It consists list of all videos in the course.

## **Bottom bar**

Bottom bar consists of following buttons:

- Cards
- Quiz
- Exercise
- Previous
- Next
- Settings
- Go Back

Peer-to-Peer Networks Computers connected together in pe comes to authority, they're all equals security check for proper access right	er-to-peer networks The authority lies w 5.	do not have any central rith the computer that h	, or special, authorit as the desired resou	y-they're all peers, irce being requeste	meaning that wi d from it to peri	nen it form a
It also means that the computers coe provide them to other computers. Th things up locally, and if your network If your network is running Windows, M typical peer-to-peer network. Keep in	xisting in a peer-to-p is actually works pre doesn't require mu Mac, or Unix in a loc mind that peer-to-p	eeer network can be clie etty well as long as there ch security. al LAN workgroup, you h eer networks definitely	nt machines that ac isn't a huge numbe have a peer-to-peer n present security-ori	cess resources and r of users on the ne network. Figure 1.7 ented challenges; fo	server machine etwork, if each u gives you a sna or instance, just	s and ser backs oshot of a backing
up company data can get pretty sketc	hy!					
Users Pa Mickey ITa Pluto SN Louie "W	ssword Access alls? Full loKats Read /et#! Read		Pluto Users Mille Mickey Louie	Password Access #Shorts? Read My!Ears? Read ^Wet#! Full		

Figure 8.2: Bottom Bar of Chapter

When you are on a chapter, you can navigate through by scrolling or by using the **Next** and **Previous** buttons on the bottom bar.

# **Next Steps**

This section comes at the end of every chapter. From here, you can:

- 1. Navigate to flashcards, quizzes, exercises, and labs.
- 2. Proceed to the next lesson.



Figure 8.3: Next Steps Section

**Note:**The **Previous** and **Next** buttons would be disabled when you are at the first or last chapter.

# **10. Performance-based Labs**

Click the **Performance-based Lab** tab on the dashboard or select the **Performance-based Lab** option from the **Course Navigation** menu.



Figure 9.1: Course Dashboard with Performance-based Lab

Shortcuts	Description
R	To navigate to item list
Alt+T	To reset the lab task
Ρ	To view previous item or activity
Ν	To view next item or activity
D	To open device tab
x	To open exercise tab
V	To open evidence tab
Α	To open answer tab
Up & Down arrow key	To select devices in lab task
Tab+Enter (After selecting device)	To move the devices in lab task
Alt+C	To close the lab task
-------------	--
Alt+H	To open help tab in lab task
Alt+M	To minimize/maximize lab task window
Alt+S	To restore lab task window
Alt+I	To print lab task activity
Alt+1	To open lab task tab in review mode
Alt+2	To open explanation tab in review mode
Alt+3	To open answer tab in review mode
C	To mark answer as correct
I	To mark answer as incorrect
Alt+V	To open the video
Space Bar	To pause/play the video
м	To mute/unmute the video
Up Arrow	Increase the video volume
Down Arrow	To decrease the video volume
Right Arrow	To forward the video by five seconds
Left Arrow	To move the video back by five seconds

### Table 9.1: Performance-based Lab Shortcuts

Search a particular lab using the Search box and filter the search results further using lesson,

actions performed, and type of the lab.

E Q Search	Filter By Lessons	Filter By Act	Filter By Type 🔸	Learning Path Time S	pent Name Ib IF
1.1.1 <b>x</b>	1.1.2 <b>x</b>	1.2.1 <b>x</b>	1.2.2 ø	1.3.1 ø	2.1.1 ø
Ð	X	Ô	C	Ô	X
Identifying internetworking devices	Identifying WAN technology bandwidth	Identifying a network topology	Identifying network topologies	Identifying client and server	Identifying OSI layers
Ö 2:57 m	전 1:0 m	Ö 1:19 m	00:00	00:00 <sup>(5)</sup>	00:00
2.2.1 %	2.2.2 ø	2.2.3 Ø	3.1.1 🕫	3.1.2 ø	3.1.3 ø

Figure 9.2: Performance Based Labs Window with Options to Search Desired Lab

Click on the desired lab item to perform it.



Figure 9.3: Lab Activity

Click on the **expand-arrow** button, on the task information modal box, to read the information about the task.



Figure 9.4: Lab Activity Question with Expand Arrow Button

Read the required steps mentioned, under the task objective, to perform the task, or you can watch a video tutorial with voiceover and interactive transcripts by clicking the **Click here to watch the tutorial** link.

Task							- 0
$\begin{bmatrix} 1\\ 2 \end{bmatrix}$ Converting a decimal number to binary and hex							
Convert decimal numbers to binary, and hexadecimal. Here's what you need to do: 1. Open Calculator. 2. Go to View > Programmer. 3. Type in the decimal number 335. 4. Use radio buttons to convert 335 to binary, then to hexadecimal.							
Click here to watch the tutorial							
Click 2 to validate your answer.							
	C Reset	Submit	Previous 🔇	17 of 106	> Next	X Close	•

Figure 9.5: Lab Activity Question Window

Video along with the voiceover will be played in the left pane and its transcript will be shown in the right pane.

### **Interactive Transcripts**

In interactive transcripts each word is clickable. You can clip a specific part of the video by clicking on a word or a portion of the text. Also, each step mentioned in the video will be highlighted in the transcripts as per the voiceover.



Figure 9.6: Lab Video with Interactive Transcript

After watching the steps required to perform task, click the **Go back** button.



Figure 9.7: Lab Video Page with Go Back Button

Click the **minimize** button. Attempt the lab and click the **Submit** button to validate your task performed.



Figure 9.8: Submit Lab Task

The explanation lines will appear in red and green colors with the **show-steps** option. The green color refers to correct steps, red color refers to missed steps, and **show-steps** provide the process to attempt the task.

ur ans	wer is Pincorrect		-
ask	Explanation     Answer		
e's ho	w to convert a decimal number to binary and hexadecimal: en Calculator, show steps		
Ĩ,	Here are two ways to open calculator:		
	1. Click Start > Calculator. 2. Click Start > All programs > Accessories > Calculator.		
	Click View > Programmer to switch the calculator to programmer's view.     Using the numeric keys on the calculator. type 335.     Select Bin to convert 335 to binary (101001111).     Select Hex to convert 335 to hexadecimal (14F).     Close the Calculator.		
		Video transcript	B Download
	<b>L</b> uCertify		
С	to attempt this task again.		
		CRetry Previous 4 1	7 of 106 > Next X Close

Figure 9.9: Explanation Tab With Correct and Incorrect Answers and Method to Perform the Lab

## TERMINAL

**Terminal** allows you to access a text terminal and all its applications such as command-line interfaces (CLI) and text user interface (TUI) applications. You can now enable voice to read the text entered by you. To enable voice in terminal-based questions, click the **speaker** icon on the

top right corner of the terminal.



Figure 9.10: Terminal Question with Speaker Icon

As soon as you enter any text or command in the terminal and hit the **ENTER** key, it will read your text or command. To disable the voice, click the **speaker** icon on the top right corner of the terminal.

# **11. Study Planner**

## Navigate to study planner

To open the **Study Planner**, click the first tab on the right side of the **Dashboard**.

Pre-Assessment identify areas for improvement with this 95 question assessment before you	4P Link with Instructor
Chapters & Lessons Study lessons. complete labs, watch videos and work through flashcards, exercises and quizzes.	Day 334 Start 2% Targe 12-May-17 08-Nov-17
Practice Tests Prepare for your exam in this 360 question simulated test environment.	Based on your activity to date, your readiness score is 2%. If you continue at this pace, you will need 545 months, 2 weeks, 2 days, to achieve a readiness score of
Performance-based Lab Learn the real world skills using performance-based lab.	100%. Your current estimated completion date is 26-Sep 63.
Post Assessment Gauge your understanding & readiness.	Open Study Planner
Graded Assessment Prove your mastery of each topic by completing the graded assessment.	When you achieve a readiness score of 90% or better, you are eligible to receive your certificate of course completion from uCertify.
	Test History & Performance Analytics These reports will allow you to gauge your progress, identify the areas you have mastered and help you focus on areas which need improvement.

Figure 10.1: Course Dashboard with Study Planner Tab

Your **Study Planner** page will open for that respective course.

€ uCertify	CompTIA Network+ Deluxe Study Guide Third Edition (Cour	f	My Library • Support •
6	Study Planner for Student Ucertify CompTIA Network+ Deluxe Study Guide Third Edition 2% Completed	Last updated on 10-Apr-18 (Course & Labs)	Friends don't let friends Procrastinate
Based on y to achieve	our activity to date, your readiness score is 2%. If you continue at this pace, y a readiness score of 100%. Your current estimated completion date is 26-Sep-	ou will need 545 months. 2 weeks. 2 days. 63.	Certificate of Completion When you achieve a readiness score of 90% or better, you are eligible to receive your certificate of course completion from uCertify.
Step 1: The F	Plan to expect and set your goals		Register for your exam Test centers do fill up quickly. We recommend
<ul> <li>Begin with under</li> <li>Review the weld</li> <li>Understand the</li> </ul>	estanding your course. What are you expected to know? come section, course layout, and lesson objectives. exam format, duration, and scoring.		registering early to get your preferred test center and date.
When did you start	this course?	12-May-17	
When do you expect Dan't warry if you dan't	t to finish the course to take your final exam? have an exact door. All we need is a best guess estimate.	08-Nov-17	
		(11) (11) (11) (11) (11) (11) (11) (11)	

Figure 10.2: Study Planner Page

The Study Planner page displays seven steps, following which you can prepare for your exam.

Step 1: The Plan		Register for your exam
Understand what to expect and set your goals		Test centers do fill up quickly. We recommend
Begin with understanding your course. What are you expected to know?     Review the welcome section, course layout, and lesson objectives.     Understand the exam format, duration, and scoring.		registering early to get your preferred test center and date.
When did you start this course?	12-May-17	
When do you expect to finish the course to take your final exam? Don's sony if you don't have an exact date. All we need is a best guess estimate.	00-Nove 17	
Are you already registered for the exam?	Yes No.	

### Figure 10.3: Step 1 of Study Planner

	Step 2: Pre-Assessment	
	Take the pre-assessment at the beginning of the course	
9	<ul> <li>Take this best to get a better understanding of the subject.</li> <li>Review your results to understand your strengths and weaknesses and what to focus on.</li> <li>Be sure to read and understand all answer explanations.</li> </ul>	START

## Figure 10.4: Step 2 of Study Planner

٤	uCertify 🏭 CompTIA Network+ Deluxe Study Guid	de Third Edition (Cou	r			Helia Student Feedback & My Library • Support •
St	tep 3: Lessons, Flashcards, and Quizzes tempt the flashcards and quizzes after reading each lesson					
	Read through the content in each lessor: maintain a consistent read     Attempt flashcards and quiz for a lesson only after you have studied     Take the quizzes in Learn mode, particularly for unfamiliar areas.     Make sure you thoroughly review your results and all answer explan     Take and re-take flashcards and quizzes in Test mode until you score	ing schedule. the lesson. ations. ± 100% on every quiz.				
	Lessons	Cards	Quizzes	Exercises	Labs	
1	Introduction to Networks	Cards	Quiz	Exercise	Labs	
2	The Open Systems Interconnection Specifications	Cards	Quiz	Exercise	Labs	
3	Networking Topologies, Connectors, and Wiring Standards	Cards	Quiz	Exercise	Labs	
4	The Current Ethernet Specifications	Cards	Quiz	Exercise	Labs	
5	Networking Devices	Cards	Quiz	Exercise	Labs	
6	Introduction to the Internet Protocol	Cards	Quiz	Exercise	Labs	

Figure 10.5: Step 3 of Study Planner

Step 4	4: Complete each lab item			
Re-take	the labs until you get all items correct.			
			Labs	
	Labs	Your Answer Bookmark	Time Spent	
1.3.3	Identifying internetworking devices	×	02:57 m	
1.1.2	Identifying WAN technology bandwidth	×	01:03 m	
1.2.1	identifying a network topology	×	01:48 m	
1.2.2	identifying network topologies		00:00	
1.3.1	Identifying client and server		00:00	
2.1.1	Identifying OSI layers		00:00	
2.2.1	identifying OSI layer functions		00:00	
2.2.2	identifying connectionless communication	×	39 s	
2.2.3	Describing OSI layers		00:00	
3.1.1	identifying RG standards		00:00	
3.1.2	identifying types of cable		00:00	

#### Figure 10.6: Step 4 of Study Planner

	€uC	ertify 🏭 CompTIA Network+ Deluxe Study Guide	Third Edition (Cour	Hello Student Feedback & My Library • Support •
2	Step 5	5: Practice		
	Attempt	the practice tests after you score 100% on all quizzes		
	<ul> <li>Tak</li> <li>White</li> <li>Review</li> <li>Review</li> </ul>	e and re-take the practice tests in Learn mode to reinforce mastery o en you feel you are ready, take the practice tests in Test mode to beo iew your results, and read and understand all answer explanations, test for all incorrect items until you score 100%.	of content. come familiar with test conditions.	
		Practice test sets & questions		
	1	Practice Test A 90 questions	START	
	2	Practice Test B 90 questions	START	
	3	Practice Test C 90 questions	START	
	4	Practice Test D 90 questions	START	

#### Figure 10.7: Step 5 of Study Planner



Figure 10.8: Step 6 of Study Planner

m	ot graded assessments to con	mplete your cou	urse requirements			
• Gi • Gi • Gi	aded assessment might be due b aded assessment might have limi intact your course instructor for a aded assessment score will not b sments are only available during	etween certain da ted attempts. ny question. e included in stud the course durat	tes. y planner score.	s valid for 180 days fr	om the day of enroll	ment (12.Max.
					and any or conten	the second se
17), w	hich is now ended. Please contain	ct your instructor	Due/Grade	Start/Status	Attempts	Action
17), w	hich is now ended. Please conta Name Assess 1 Assignment1	t your instructor Items 47	Due/Grade End of Class	Start/Status Now	Attempts 0 of 3	Action + START
17), w	Name Assess 1 Assignment1 Assess 2 Assignment1	it your instructor Items 47 28	DuerGrade End of Class End of Class	Start/Status Now Now	Attempts 0 of 3 0 of 4	Action > START > START

Figure 10.9: Step 7 of Study Planner

The **progress bar** on the top displays the percentage of course you have studied. Bar with **100% Completed** indicates that you have completely covered the course and are now ready for the exam.

₩uCertify	CompTIA Network+ Deluxe Study Guide Third Edition (Cour		Helio Student My Library + Support +	
	Study Planner for Student Ucertify CompTIA Network+ Deluxe Study Guide Third Edition (Cour 2% Completed	Friends don't let friends Procrastinate Stare with your Hends		
Based on y to achieve	Certificate of Completion When you achieve a readiness score of 90% better, you are eligible to receive your certificate of course completion from uCertify.			
Step 1: The Plan Understand what to expect and set your goals  Begin with understanding your course. What are you expected to know? Beview the welcome section, course layout, and lesson objectives.			Register for your exam Test centers do fill up quickly. We recommend registering early to get your preferred test center and date.	
When did you start	this course?	12-May-17		
When do you expect to finish the course to take your final exam? Don't worry if you don't have an exact date. All we need is a best guess estimate.				
Are you already rep	jstered for the exam?	Yes No		

Figure 10.10: Study Planner Page with Progress Bar

On clicking the **Share with your friends** button, a window appears by which you can share your planner with your friends on **Facebook**, **Twitter**, and **Google+**. You can also email your friends the URL of the study planner by just copying it from the text box.

Eucerin,	CompTIA Network+ Deluxe Study Guide Third Edition (Cour	Hello Student My Library + Support +
	Study Planner for Student Ucertify Last updated on ( CompTIA Network+ Deluxe Study Guide Third Edition (Course & Labs) 2% Completed	08-Apr-18 Friends don't let friends Procrastinate
Based on achieve a	day, to When you achieve a readiness score of 90% or better, you are eligible to receive your certificate of course completion from uCertify.	
Step 1: The Understand wha	Register for your exam Test centers do fill up quickly. We recommend registering early to get your preferred test	
Begin with un     Review the we     Understand th	come section, course layout, and lesson objectives. e exam format, duration, and scoring,	center and date.
Begin with un     Review the we     Understand th     When did you star	come section, course layout, and lesson objectives. e exam format, duration, and scoring.	center and date.
Begin with un     Review the we     Understand ti      When did you star      When do you expl     Don't worry if you don	Icome section, course layout, and lesson objectives. e exam format, duration, and scoring. It this course? It for finish the course to take your final exam? It have an exact date. All we need is a best guess estimate.	center and date.

GIF 10.1: Sharing Study Planner with Friends

uCertify also provides you with the **Certificate of Completion**, only when you complete at least 90% of the course. You can share your certificate and download it as a PDF and as an image.



Figure 10.11: Certificate of Completion

# **12. Help Section**

To seek any help regarding the platform, you can visit the support section that includes how-to videos and manuals. On the **Dashboard**, click the **Feedback & Support** drop-down. Select the **Support** option.



**GIF 11.1: Opening Support Page** 

Click the Student Tutorials tab to view help videos related to the student area.

🕤 Support 🍙	Student Tutorials	git Instructor	Futorials				
System Check			Support Request				
Platform	Windows 10.0	-	At uCertify we strive to create reliable, intuitive, high quality products for our customers. In addition to reporting any				
Browser	Chrome 65	~	challenges you are experiencin customer experience.	g, we also invite you to leave comments and suggestio	ns that will help us to improve	the	
Java Script	Enabled	-	Technical Requirements				
Cookie	Enabled	~	in order to fully utilize your of a	which make you are a treadband internet connect	ion and any of the following h	Visit PT	
Internet Speed	14.83 Mbps	1	whose version is less than two	years old:	over any only or the following of	An Mr. A	
Accessibility	Chrome	~	<ul> <li>Google Chrome</li> <li>Internet Explorer</li> </ul>				
	O Settings		<ul> <li>Mozilla Firefox</li> <li>Safari</li> </ul>				
			Name (*)	Student Ucertify			
			Your Email (*)	student@ucertify.com			
			Role (*)	Student	•		
			Category (*)	Benuest for information inlease provide details in a	th. •		

Figure 11.1: Support Page with Student Tutorial Tab