

Virtual Networking Academy Day 2020

11 juni 2020



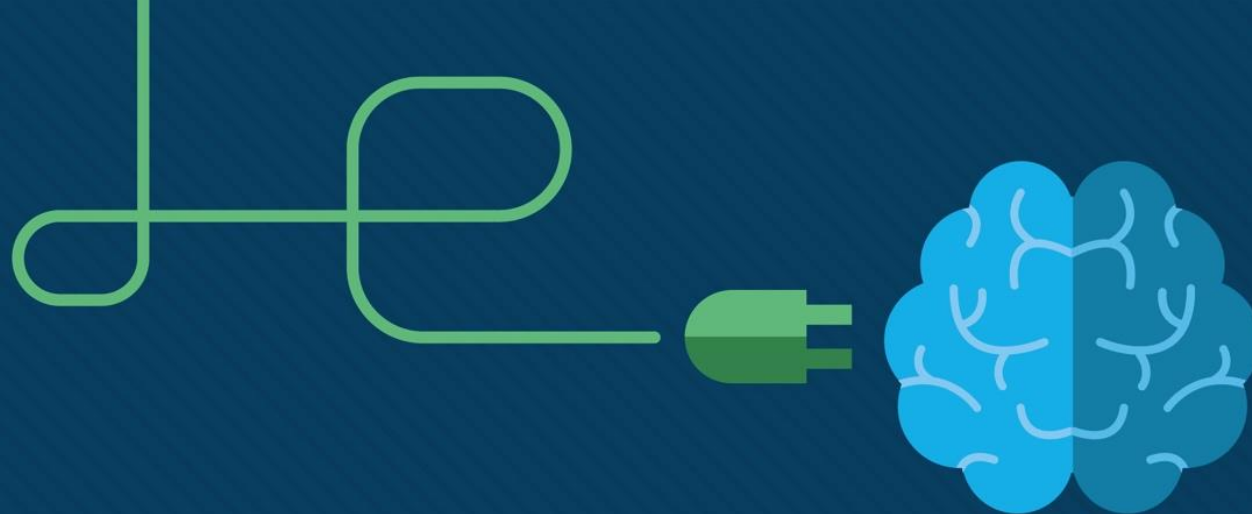
Agenda

- 13:00 – 13:15 Opening (Rik Bleeker)
- 13:15 – 14:00 Waarom digitaliseren we de netwerkinfrastructuur? (André Brugman)
- 14:00 – 14:30 NetAcad updates (Willem-Jan Derks)

- 14:30 – 14:45 Pauze

- 14:45 – 15:30 Network engineering in a programmable age (Hank Preston)
- 15:30 – 15:45 DevOps in het onderwijs (Willem-Jan Derks)

- 15:45 – 16:00 Afsluiting



Networking Academy Updates

Networking Academy Day 11 juni 2020
14:00-14:30

Willem-Jan Derks
CSR Country Manager Netherlands

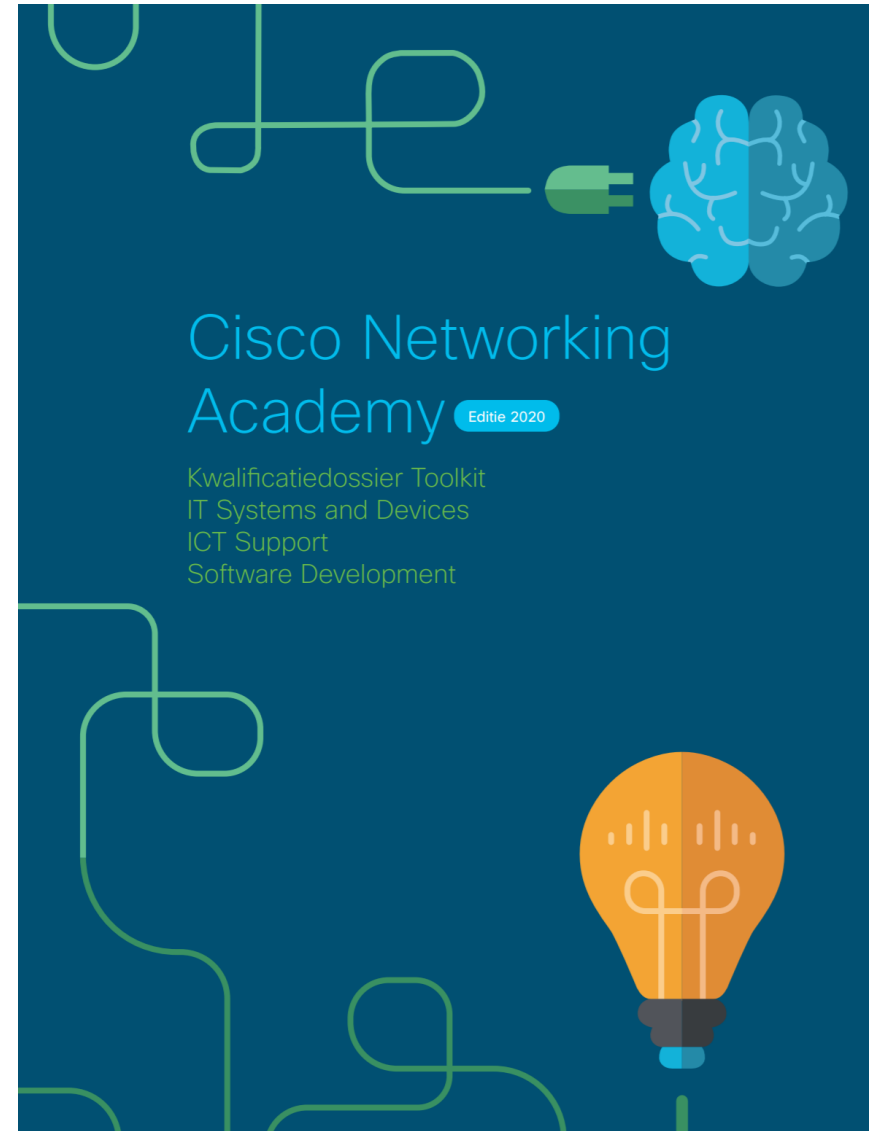


Inhoud

- KD Toolkit Editie 2020
- CyberOps Associate
- Digital Badges
- IoT, Netwerken en Slimme oplossingen
- NetAcad Platform Update
- Aankomende Activiteiten.

KD Toolkit Editie 2020

- Verzonden naar de meeste Scholen
- <http://cs.co/kdtoolkit2020>
- CCNA Versie 7
- IT Essentials Versie 7 (NL Aug 2020)
- Devnet Associate
- Mapping Software Developer



CCNA v7 Mapping

K2: Beheert de infrastructuur	Inleidend				
	Kern	CCNA1 v7		CCNA2 v7	
	Aanvullend			CCNA Security	
	Intro to Networks (ITN)	Switching, Routing, and Wireless Essentials (SRWE)	Enterprise Networking, Security and Automation (ENSA)		
	Networking Today	Basic Device Configuration	Single-Area OSPFv2 Concepts		
	Basic Switch and End Device Configuration	Switching Concepts	Single-Area OSPFv2 Configuration		
	Protocol Models	VLANs	WAN Concepts		
	Physical Layer	Inter-VLAN Routing	Network Security Concepts		
	Number Systems	STP	ACL Concepts		
	Data Link Layer	Etherchannel	ACLs for IPv4 Configuration		
	Ethernet Switching	DHCPv4	NAT for IPv4		
	Network Layer	SLAAC and DHCPv6 Concepts	VPN and IPsec Concepts		
	Address Resolution	FHRP Concepts	QoS Concepts		
	Basic Router Configuration	LAN Security Concepts	Network Management		
	IPv4 Addressing	Switch Security Configuration	Network Design		
	IPv6 Addressing	WLAN Concepts	Network Troubleshooting		
	ICMP	WLAN Configuration	Network Virtualization		
	Transport Layer	Routing Concepts	Network Automation		
	Application Layer	IP Static Routing			
	Network Security Fundamentals	Troubleshoot Static and Default Routes			
	Build a Small Network				

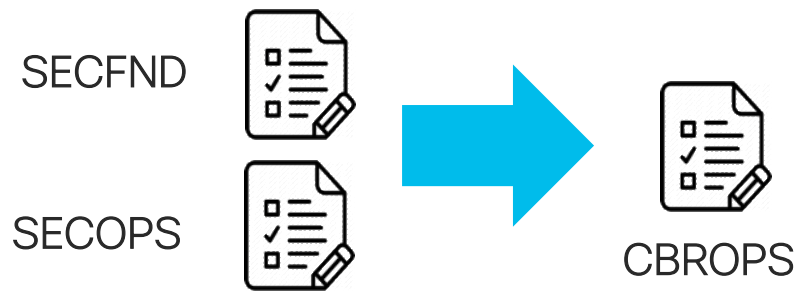
Mapping Software Developer

6. Cursussen per leerjaar Software Development

	Leerjaar	1		2		3		4		
	Semester	1	2	3	4	5	6	7	8	
Kerntaak	Profiel									
K1: Realiseert Software	Inleidend		ETW: Teams							
	Kern			DevAsc						
	Verdiepend		Python							
	Aanvullend									
	Inleidend									
K2: Werkt in een ontwikkelteam	Kern			DevAsc						
	Verdiepend									
	Aanvullend									
	Inleidend									

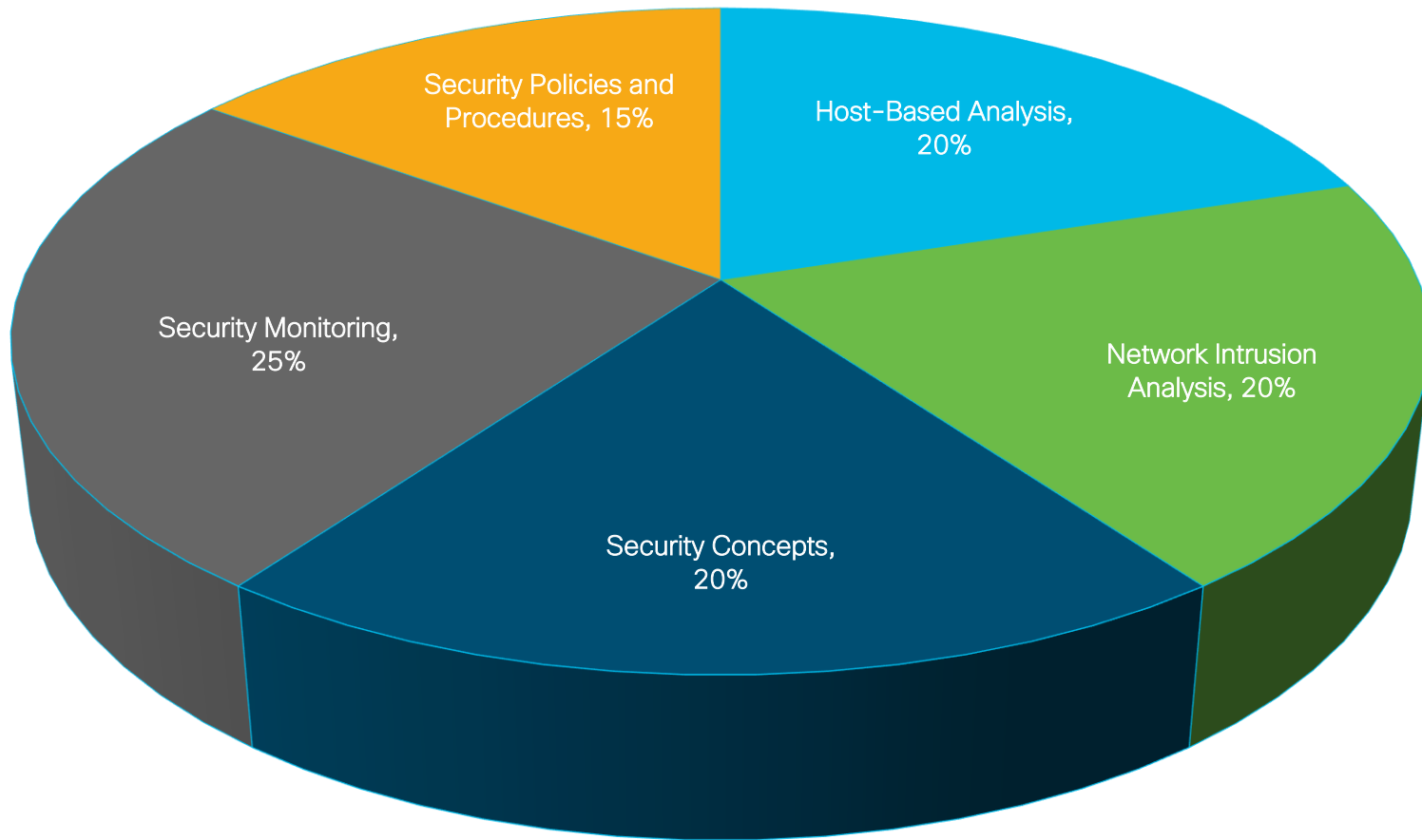
CCNA Cybersecurity Operations

- Nieuwe certificering Cyber Ops Associate (200-201 CBROPS)
 - Certification is streamlining and simplifying
 - Two 90 min exams will be merged to one 120 min exam
 - CYBROPS exam will primarily focus on security concepts and analysis
 - It reduces explicit focus on networking fundamentals
- Lab setup 4VM's to 2 VM's



Virtual Machine	Disk Space	RAM
CyberOps Workstation VM	7 GB	1 GB
Security Onion VM (ELK tool)	20 GB	4 GB Min /8GB Recommended

Certification exam topics



- Security Policies and Procedures is a new exam topic
- CyberOps Associate is more vendor neutral
- It enables students to think about the right datapoints/considerations in the evolving landscape



Digital Badges

For Course Completion



- Achieve minimum qualification score on first attempt of final exam
- Complete end of course survey
- Marked Pass/Completed by instructor

For Recognition



- 1, 5, 10, 15 and 20 years of active instructor
- Multiply for Growth program
- Learn-A-Thons

Digital Badges

Apr

May*

Jun*

July*

Courses

- CCNA: ITN
- CCNA: SWRE
- CCNA: ENSA
- CCNP Core Networking
- Introduction to Cybersecurity

- IT Essentials
- CCNP Advance Routing
- Cybersecurity Essentials
- I2IoT
- I2PT
- Networking Essentials
- ETW: Model Driven Programmability

- ETW: Network Programmability
- ETW: Experimenting with REST APIs
- IoTF CT
- IoTF BD&A
- IoTF Security

- DevNet Associate
- CyberOps Associate
- Network Security *

Recognition

- Multiply for Growth
- Learn-A-Thons
- Years of Service

* Planned

IoT, Netwerken en Slimme oplossingen

- Nederlands lesmateriaal ontwikkeld voor het voortgezet onderwijs
- Past in Havo/Vwo 4e leerjaar voor eindterm netwerken en physical computing
- Dit jaar gebruikt door 1000+ Leerlingen
- Doorontwikkeling voor schooljaar 21/22
 - Fixes/verduidelijkingen
 - Meer opdrachten
 - Nederlandse packet tracer opdrachten
 - Feedback?!

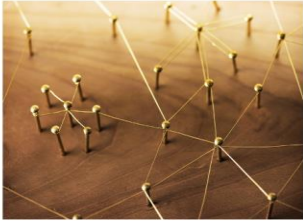
NetAcad Platform Update Augustus 2020

Dashboard / Courses / Templates / CCNV7 ITN

Welcome to Introduction to Networks v7.0 (ITN)

Scroll down to find all of the content, assessments, and resources for this course.

In order to avoid potential compatibility issues, you should use the latest version of Packet Tracer.



Course Introduction

- First Time in This Course
- Student Resources

Course Content

- Introduction to Networks Course

Module Group Exams

Dashboard / My courses / Networking Essentials 1.00 English / Grades / Grade administration / Grader report

Networking Essentials 1.00 English

Grader report

View Setup Scales Letters Import Export

Grader report Grade history Outcomes report Overview report Single view User report

All participants: 9/9 Turn editing on

First name: All Last name: All

First name / Surname	Email address	Chapter 1 Quiz	Chapter 2 Quiz	Chapter 3 Quiz	Chapter 4 Quiz	Chapter 5 Quiz
Stud Gavin	xxxxxx@xxx.xxx	-	-	-	-	-
Test Kristin	xxxxxx@xxx.xxx	-	-	-	1.00	-
Bennyon Test	xxxxxx@xxx.xxx	-	-	-	2.00	-
Bennyon Test	xxxxxx@xxx.xxx	-	-	0.00	50.00	-
vids100 vids100	xxxxxx@xxx.xxx	-	-	-	-	-
vids101 vids101	xxxxxx@xxx.xxx	33.00	-	-	-	-
vids103 vids103	xxxxxx@xxx.xxx	-	-	-	-	-
vidsvids vidsvids	xxxxxx@xxx.xxx	-	-	-	-	-
vidsvids vidsvids	xxxxxx@xxx.xxx	-	-	-	-	-
vidsvids vidsvids	xxxxxx@xxx.xxx	-	-	-	-	-
Overall average		33.00	-	0.00	17.67	-

Showing 30 << 1 - 9 of 9 >>

Dashboard / My courses / Entrepreneurship / Charging for Expertise / ENTR Module 1 Quiz

Entrepreneurship

Grades

Quiz navigation: 1 2 3 4 5 6 7 8

Finish attempt ...

Question 1: Match each legal business structure to the corresponding definition. (Not all options are used.)

- sole proprietorship Choose...
- partnership Choose...
- corporation Choose...
- cooperative Choose...

Question 2: Which statement correctly describes a strategy used in active listening?

Select one:

- Be relaxed, confident, and maintain eye contact.
- Try to anticipate what the speaker will say next.
- Plan a response before the speaker has finished talking.
- Interrupt the speaker whenever you have a relevant question.

Question 3: Match the type of record to the example document it reflects. (Not all options are used.)

- income Choose...
- expenses Choose...
- employee Choose...
- inventory Choose...
- assets Choose...

Question 4: Which term describes the result of trading a percentage of ownership in a company to an investor in exchange for money?

Select one:

- debt
- grant
- equity
- income

Question 5: Saeed needs money to purchase tools, basic office supplies, parts to refurbish equipment, accounting software, and legal help fees. Believing Saeed's business will be a success, an investor invests \$5,000 to help Saeed open his business. In return, Saeed agrees to repay the investor the \$5,000 plus 17 percent of the profits of the business. Calculate the return on investment for the investor if Saeed's business makes \$7,000 in profit as a total return of the business in its first year. Show your work as part of your answer.

Schedule for Online Course Experience Changes

Jul

Aug

Sep

Oct

Nov

Dec

New Experience Go Live

Please start creating these courses using the new Experience:

- Get Connected
- Introduction to Packet Tracer/Mobile
- NDG Linux Unhatched
- Cybersecurity Essentials
- Introduction to Cybersecurity
- Introduction to IoT/loE
- Networking Essentials
- Entrepreneurship

Other courses will start to offer New Experience later this year

Aankomende NetAcad Activiteiten

- Opdrachten en toetsen ontwikkelen met Packet Tracer
 - Webinars 17 & 18 Juni
- Instructor Training Sep 2020
 - CCNA 1-3, Cyber Ops, Devnet Associate, IT Essentials, fasttrack opties
- Cybersecurity Awareness Campaign
 - School brede draaiboek met oa fishing mails lesmateriaal voor LLB
- Women-Rock IT Webinars/Events
- CPIP – Cisco Partner Incubator Program
 - Stage programma met uitzicht op een baan bij Cisco partners

Vragen?



