

Les 3. Security Lab omgeving maken deel 2



V1.0



HORIZONCOLLEGE.NL ALKMAAR | HEERHUGOWAARD | HOORN | PURMEREND

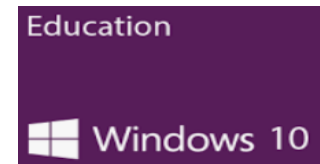


Wat is de bedoeling?

1. Lab omgeving Laptop?
2. Certificering
3. Groepjes maken?
5. Labomgeving met groep?

Lab omgeving Laptop?

1. Windows Server 2019 Engels
2. Windows 10 Educatie Nederlands
3. Kali Linux
4. Pfsense (Router)



Eigen inzicht??!!

Netwerk !!

192.168.1

Updaten van Kali:

- Sudo apt update
- Sudo apt upgrade
- Sudo apt dist-upgrade
- Sudo apt autoremove:

<https://www.kali.org/docs/general-use/updating-kali/>

Certificering!!

1 Oktober gaan wij op voor het certificaat

Objective Domain	Skill Number	Lesson Number
Understanding Security Layers		
Understand core security principles.	1.1	1
Understand physical security.	1.2	1
Understand Internet security.	1.3	5
Understand wireless security.	1.4	4
Understanding Operating System Security		
Understand user authentication.	2.1	2
Understand permissions.	2.2	2
Understand password policies.	2.3	3
Understand audit policies.	2.4	2
Understand encryption.	2.5	2
Understand malware.	2.6	5
Understanding Network Security		
Understand dedicated firewalls.	3.1	4
Understand Network Access Protection (NAP).	3.2	4
Understand network isolation.	3.3	4
Understand protocol security.	3.4	4
Understanding Security Software		
Understand client protection.	4.1	5
Understand email protection.	4.2	5
Understand server protection.	4.3	5

Groepjes maken!!

39 studenten uit de 3 A B klassen

7 groepjes van 5

1 groepje van 4

Labomgeving met je groepje!!

1. Router
 2. Leigenlaptop
 3. Cisco Switch
 4. Anders?!
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5. Eigen inzicht netwerk maken!!

Alles op een rij:

- **IDENTIFY**

Identificeren van cybersecurity risico's.

- **PROTECT**

Beschermen van data.

- **DETECT**

Signaleren van beveiligingsincidenten.

- **RESPOND**

Reageren op beveiligingsincidenten.

- **RECOVER**

Terugkeren naar de situatie van vóór het beveiligingsincident.

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