

VO Lessenserie

IoT, Netwerken & slimme oplossingen

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Agenda

- Cisco Networking Academy
- NetAcad Portfolio
- NetAcad aanbod VO
- Lessenserie
- Smart solutions in de praktijk



Global Impact for NetAcad

Since program inception in 1997





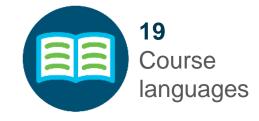
1.3 million+
Current
students
worldwide







7.8 million+Students enrolled since 1997





The Networking Academy Learning Portfolio

Current & Planned Collaborate for Impact Aligns to Certification Introduction to **Packet Hackathons** Internships **Prototyping Lab Packet Tracer** Tracer Instructor Training required Career-Ready Self-paced **Exploratory Foundational CCNA R&S:** Introduction to Networks. Networking Essentials Switching, Routing and Wireless Essentials. **Mobility Fundamentals VO** Lessenserie Enterprise Networking, Security, and Networking Emerging Tech Workshop: Network automation. CCNP R&S: Switch, Route, TShoot Programmability Using Cisco APIC-EM CCNA Security Security ★ Introduction to Cybersecurity Cybersecurity Essentials CCNA Cybersecurity Operations IoT Fundamentals: Connecting Things, Big Data & Analytics, IoT & Analytics Introduction to IoT IoT Security Hackathon Playbook NDG Linux I **NDG Linux Essentials** OS & IT NDG Linux Unhatched NDG Linux II TO IT Essentials **CLA: Programming Essentials in C** CLP: Advanced Programming in C CPA: Programming Essentials in C++ CPP: Advanced Programming in C++ **Programming PCAP: Programming Essentials in Python Emerging Tech Workshop:** Experimenting with REST APIs using WebEx Teams **Business** Be Your Own Boss Entrepreneurship Digital Literacy Get Connected

NetAcad Aanbod VO

- Gehele Portfolio
- Optionele
 Instructor Training
- NL Cursussen intro IoT, Cyber & IT Essentials
- VO Lessenserie IoT & Netwerken
- Kostenloos!



Vo Lessenserie

- Positionering: 4e jaars HAVO/VWO
- 3 Modules = 1 lessenserie = 8 lessen
 - IoT, Netwerken, Slimme oplossing
 - Modules kunnen apart gebruikt worden
- LMS (canvas) beschikbaar
- Optionele Packet Tracer opdrachten
- Slimme oplossing maakt gebruik van LoRa WAN locatie en positive tracker inclusief drukknop
- Tracker (gratis) onderdeel van de lessenserie ©

Lessenserie

Hoofdstuk	IoT	Netwerken	Slimme Oplossingen
1: De digitale transformative	X		
2: Netwerken liggen aan de basis		X	
3: Dingen verbinden thuis en industrieel	X		
4: Slimme oplossingen			X
5: Slimme apparaten			X
6: Communicatieprotocollen		Х	
7: Het Internet		Х	
8: Eindopdracht Slimme rollator			X



Slimme oplossingen in de praktijk

- Wanneer wordt een apparat slim?
- Praktijk opdracht "slimme rollator"
- Bij deelname ontvang je de GPS tracker ter ondersteuning van de praktijkopdracht



