Cybersecurity Master Annual Program
2025

CQURE

Warsaw   New York   Dubai   Zug

info@cqure.pl

www.cqure.pl
www.cqureacademy.com

CQURE

Paula Januszkiewicz is a world-renowned cybersecurity Expert, a founder of CQURE and CQURE Academy, and Microsoft Regional Director and MVP.

CQURE Academy focuses on cybersecurity training program consisting of over 20 high-quality technical workshops and seminars and providing certification to specialists. Additionally, in October 2016 CQURE has successfully launched online and subscription-based training.

CQURE Experts speak at international events and engage in multiple cybersecurity projects – they bring their knowledge and experience to trainings. CQURE Academy also involves R&D – that is why CQURE Team is recognizable in the cybersecurity field.

Cybersecurity Master Annual Program

This is a perfect and complete learning path, designed as a continuous program that will keep the participants on top of the latest developments in this ever-changing industry. Every month, the students learn a new essential skill to become a cybersecurity Expert with the most up to date skills. This mastery program is great for people that are starting out in cybersecurity, or are a seasoned IT pro who wants to switch into cybersecurity.
This comprehensive program consists of 16 modules, and you can enroll in the entire course or select any individual modules that suit your needs – the decision is yours!

About the course

This course is a live, online certification program divided into 16 modules and spread over 12 months.

All workshops are interactive and demo-intensive and eventually equip you with essential cybersecurity skills for Windows systems. Everything based on the newest content to give you relevant industry knowledge.
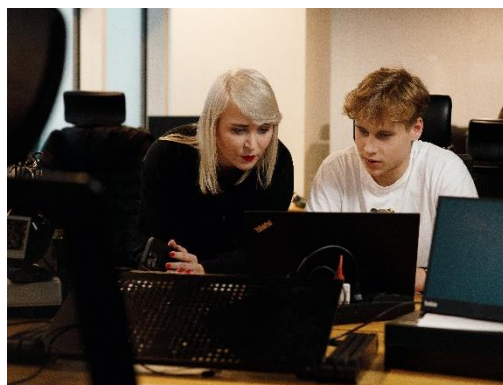
The syllabus covers the following topics: securing the Windows platforms, Hardening Active Directory infrastructure, Cloud-based incident response in Azure and Microsoft 365, Detecting and hunting for malware activities and prevention, Implementing privileged access workstations, Advancing PowerShell for security and administration, Everything you need to know about application whitelisting, High-priority security features in Azure, Secure monitoring of SQL Server integrated with SIEM solutions, Techniques for effective automation with PowerShell, Threat hunting supported by AI, Cyber threat intelligence, Mastering monitoring operations in Azure, Boosting penetration testing skills, Defending against threats using SIEM and XDR, and Implementing secure Entra ID.

Last but not least, you get to learn from some of the best cybersecurity specialists in their field: Paula Januszkiewicz, Michael Grafnetter, Uroš Babić, Amr Thabet, Sami Laiho, Damian Widera, Arnaud Petitjean and Piotr Pawlik.

Raise the bar and learn a proper set of cybersecurity skills. Make sure to adjust your white hat properly to the modern cybercrime landscape!

CQURE
ACADEMY

CMAP Formula

Join our 16 intensive modules and equip yourself with 16 essential cybersecurity skills for Windows systems!

Intensive workshops

The program consists of **16 modules** covering different area of cybersecurity. Each module is delivered **live** on Zoom and consists of **8 hours** of interactive and demo-intensive workshops, **starting at 9:00 AM CET and ending at 5:00 PM CET**. A Discord Server will also be set-up for you to receive continuous assistance and support from CQURE's Experts during the program.

Home-work assignment

Each workshop will be complemented by **pre-work assignment** (some reading material that will help you prepare for the workshop), an additional home assignment (e.g., self-study exercises, additional reading materials, labs etc).

12-month access

All of the live workshops will be **recorded** and accessible for you any time – in case you need to attend some other duties/holidays or simply want to recap. You will have access to each workshop recording for 12 months after the live training.

Best cybersecurity specialists

You will get to learn from some of the best cybersecurity Experts in their field. We run all workshops always with the **newest content** to give you relevant industry skills. Everything you will learn has been vetted by passionate practitioners from the CQURE team.

Flexibility

You can enroll in separate modules or in the full program. The decision is yours.

CMAP schedule

Skill	Module Title	Date	Instructor
1	Securing Windows Platform: W11 & WS22	30.01.2025	Paula Januszkiewicz
2	Hardening Active Directory Infrastructure	27.02.2025	Michael Grafnetter
3	Cloud-based incident response in Azure and Microsoft 365	13.03.2025	Beata Zalewa
4	Detecting and hunting for malware activities and prevention	27.03.2025	Amr Thabet
5	Implementing privileged access workstations	24.04.2025	Sami Laiho
6	Advancing at PowerShell for security and administration	29.05.2025	Michael Grafnetter
7	Everything you need to know about application whitelisting	12.06.2025	Sami Laiho
8	High priority security features in Azure	26.06.2025	Beata Zalewa
9	Secure monitoring of SQL Server to feed SIEM solutions	31.07.2025	Damian Widera
10	Techniques for effective automation with PowerShell	28.08.2025	Arnaud Petitjean
11	Threat hunting with AI support	11.09.2025	Paula Januszkiewicz
12	Cyber threat intelligence	25.09.2025	Paula Januszkiewicz, Piotr Pawlik
13	Mastering monitoring operations in Azure	30.10.2025	Piotr Pawlik
14	Boosting your penetration testing skills	13.11.2025	Paula Januszkiewicz
15	Defending against threats with SIEM Plus XDR	27.11.2025	Beata Zalewa
16	Implementing secure Entra ID	11.12.2025	Piotr Pawlik

CMAP agenda

Module 1: Securing Windows Platform: Windows 11 & Windows Server 2022
Date: January 30th Instructor: Paula Januszkiewicz

a) Defining and disabling unnecessary services
b) Implementing rights, permissions and privileges
c) Code signing
d) Implementing secure service accounts

Module 2: Hardening Active Directory Infrastructure
Date: February 27th Instructor: Michael Grafnetter

a) Modern Identity Attack Techniques
b) Preventing Credential Theft and Misuse
c) Recommended AD Configuration Options
d) OS-Level Credential Protection Features: LSA Protected Process, Credential Guard, and RDP Restricted Admin Mode
e) Detecting Backdoors in Active Directory

Module 3: Cloud-based incident response in Azure and Microsoft 365
Date: March 13th **Instructor:** Beata Zalewa

a) Azure&O365 cloud security challenges
b) Zero Trust principles and architecture
c) Incident response management process
d) Cyber kill chain process
e) Hunting through attack chain
f) Azure monitor
g) Azure incident response – best practices

Module 4: Detecting and hunting for malware activities and prevention
Date: March 27th **Instructor:** Amr Thabet

a) Intro to malware and malware functionalities
b) Hunting for malware C&C communication in network activities
c) Hunting for malware behaviour in Sysmon logs
d) Creating a Yara rule for malware family of a suspicious functionality

Module 5: Implementing Privileged Access Workstations
Date: April 24th **Instructor:** Sami Laiho

a) Privileged Access Workstations – how and why?
b) Different hardware and VM solutions for implementing PAWs
c) Difference between normal and privileged
d) Implementing and Managing On-prem PAWs
e) Implementing and Managing Cloud-service PAWs

Module 6: Advancing at PowerShell for security and administration
Date: May 29th **Instructor:** Michael Grafnetter

a) PowerShell security and specific hacktools (like DSInternals)
b) Advanced PowerShell course
c) Auditing Active Directory using PowerShell

Module 7: Everything you need to know about application whitelisting
Date: June 12th **Instructor:** Sami Laiho

a) Whitelisting in general
b) Implementing AppLocker
c) Managing AppLocker
d) Troubleshooting AppLocker

Module 8: High priority security features in Azure
Date: June 26th **Instructor:** Beata Zalewa

a) Managing identity and access in Microsoft Entra ID
b) Network security
c) Microsoft Purview data protection
d) Microsoft Defender for Cloud
e) Application security

Module 9: Securing monitoring of SQL Server to feed SIEM solutions
Date: July 31st **Instructor:** Damian Widera

a) SQL Server security baseline concepts
b) SQL Server instance security
c) Managing logins & passwords

Module 10: Techniques for effective automation with PowerShell
Date: August 28th **Instructor:** Arnaud Petitjean

a) Navigating execution policies: picking the right security strategy
b) PowerShell language modes: locking down your scripts
c) Fortify your scripts: the power of digital signatures
d) Restricting execution permissions: enforcing least privilege for scripts
e) Protecting sensitive information: secure secrets management in PowerShell
f) AMSI: Defending against malicious code with PowerShell
g) Comprehensive logging: auditing and monitoring your PowerShell scripts

Module 11: Threat hunting with AI support
Date: September 11th **Instructor:** Paula Januszkiewicz

a) Introduction to threat hunting and AI in cybersecurity
b) Leveraging AI to detect anomalies and threats
c) Automating threat hunting with machine learning
d) Using AI-powered tools for real-time threat detection

Module 12: Cyber threat intelligence
Date: September 25th **Instructor:** Paula Januszkiewicz, Piotr Pawlik

a) Threat Intelligence, Assessment and Threat Modeling
b) Open-Source Intelligence Tools and Techniques
c) Patterns of Attack

Module 13: Mastering monitoring operations in Azure
Date: October 30th **Instructor:** Piotr Pawlik

a) Microsoft 365 Security from SOC Analyst perspective
b) Microsoft 364 Defender for Endpoint – EDR story
c) Detection and response with Sentinel – Let's attack Contoso network

Module 14: Boosting your penetration testing skills
Date: November 13th Instructor: Paula Januszkiewicz

a) From zero to domain admin almost always working exploitation techniques and discovery
b) Advanced network penetration testing
c) Bypassing modern security controls
d) Reporting and remediation strategies in penetration testing

Module 15: Defending against threats with SIEM Plus XDR
Date: November 27th Instructor: Beata Zalewa

a) Intro with Unified Security Operation with Defender XDR, Microsoft Sentinel and Security Copilot in the Defender XDR portal
b) Configuring and managing Microsoft Defender XDR and integration with Defender Family
c) Configuring and managing Microsoft Sentinel
d) Configuring and managing Security Copilot
e) Automated investigation and incident response with Microsoft Sentinel, Microsoft Defender XDR and Security Copilot
f) Automatic attack disruption in Microsoft Defender XDR and SOC optimization
g) Threat Hunting through attack chain with Defender XDR

Module 16: Implementing Secure Entra ID
Date: December 11th Instructor: Piotr Pawlik

a) Entra ID security settings
b) Entra ID identity protection
c) Entra ID privileged identity management (PIM)
d) Entra ID password protection

CQURE
ACADEMY

CQURE

CMAP Experts

Paula Januszkiewicz
FOUNDER AND CEO OF CQURE

Paula Januszkiewicz is the Founder and **CEO of CQURE Inc. and CQURE Academy**. She is also Enterprise Security **MVP**, honorable **Microsoft Regional Director for CEE** and a world class cybersecurity Expert, consulting Customers all around the world. In 2017, Paula graduated from Harvard Business School. She delivers keynotes and sessions at the biggest world conferences such as **RSA, Black Hat, Microsoft Ignite, SecTor Canada, AISA, GISEC, GITEX, LEAP**, and many others. She is often a top-rated speaker, including being a No. 1 Speaker at Microsoft Ignite (among 1,100 speakers at a conference with 26,000 attendees) and at Black Hat Asia 2019. At the RSA Conference, two of her sessions were among the top 5 best rated. Paula is known for her unique stage presence that is always well-received among diverse audiences, often gathering thousands of people!

Paula has **over 19 years of experience** in the cybersecurity field, performing penetration tests, architecture consulting, trainings, and seminars. Every year, she takes over 200 flights to provide cybersecurity services for CQURE's Customers. Paula and her Team also design security awareness programs for various organizations, including awareness sessions for top management. Together, they create various security tools (CQTools) supporting penetration tests, incident response, and forensics, which are shared with the community. Paula is a member of the Technical Advisory Board at the Royal Bank of Scotland/Natwest. And to top it all off, she has **access to the source code of Windows!**

Michael Grafnetter
IDENTITY, CLOUD & SECURITY ARCHITECT, MVP

Michael is an expert on Active Directory security who works as a consultant, trainer, and researcher. He is best known as the author of the open-source Directory Services Internals (DSInternals) PowerShell module and Thycotic Weak Password Finder, tools used by security auditors and penetration testers worldwide. He is a Microsoft MVP and holds a master's degree in Software Engineering. Michael has spoken at many conferences, including Black Hat Europe, HipConf New York, SecTor Toronto, and BSides Lisbon.

Sami Laiho

WINDOWS OS EXPERT, MVP

Sami Laiho is one of the world's leading professionals in the Windows OS. Sami has been working with and teaching OS troubleshooting, management and security for more than 15 years. Sami's session was evaluated as the best session in TechEd North America 2014, TechEd Europe 2014 and TechEd Australia 2013. Sami's session at Ignite 2015 was evaluated as #2 out of 1000+ sessions and all of his four sessions were in the top 15 sessions on the Windows track.

Piotr Pawlik

CYBERSECURITY EXPERT, EX-MVP

Piotr Pawlik is CQURE's Cybersecurity Expert, System Engineer and Unified Communications Expert with experience in design, implementation, and support for Microsoft solutions. During his work for Orange Business Services, Piotr was responsible for planning and deployment of security solutions for the biggest customers in Poland (insurance, banking, education and government sectors) and many customers located in Europe. Piotr's main areas of expertise are: Microsoft Private Cloud (Hyper-V virtualization and System Center 2012), Microsoft Public Cloud (Office 365 and Azure), Microsoft Exchange Server 2010/2013, Lync Server 2010/2013, Office Communications Servers and Windows Server family. His additional experience includes disaster recovery, capacity planning, virtualization and business continuity. Excellent problem-solving skills and interpersonal skills.

Damian Widera

SOFTWARE ENGINEER, TRAINER, DATA PLATFORM MVP

Software engineer with over 20 years of professional experience in all aspects of data platform development. He has participated in a number of projects in international environments and possesses practical knowledge of procedures and tools which are necessary for successful implementation of such projects. Damian currently focuses on building solutions based on Microsoft Azure environment including complex database driven systems, machine learning, big data processing, tuning and optimization. As an experienced trainer, speaker and columnist, he is always eager to take part in new engagements. In 2022, for the 14th time, he has been awarded Microsoft's Data Platform MVP. In addition, he holds various Microsoft Certifications since 2004: Microsoft Certified Trainer, Solution Developer and Application Developer for .NET, Database Administrator, Microsoft Certified Solutions Expert.

Amr Thabet

CYBERSECURITY EXPERT
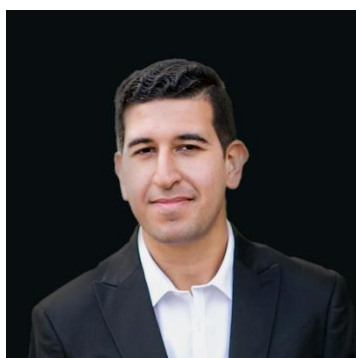
Amr Thabet is a malware researcher and incident handler with over 12 years of experience, he worked in some of the Fortune 500 companies including Symantec, Tenable, and others. He is the founder of MalTrak and the author of "Mastering Malware Analysis" published by Packt Publishing. He is a speaker and an instructor at some of the top security conferences around the world, including DEFCON, Hack In Paris, and VB Conference. He was also featured in Christian Science Monitor for his work on Stuxnet. His mission is to help security professionals all around the world to build their expertise in malware analysis, threat hunting, red teaming. and most importantly, protect their organization's infrastructure from targeted attacks, ransomware attacks, and APT attacks.

Arnaud Petitjean

EXPERIENCED POWERSHELL MVP, CONSULTANT, TRAINER

Arnaud Petitjean is a seasoned IT professional with a focus on PowerShell scripting. He has authored books and provides training on PowerShell. As a consultant he works on projects related to automation and DevOps, offering expertise in these areas. Arnaud is also active in the open-source community, contributing to various GitHub repositories, and has developed tools like EZLog for logging and KeeRest for accessing KeePass databases. He is known for his leadership in the French-speaking PowerShell community.

Beata Zalewa

SECURIT ARCHITECT, MICROSOFT SECURITY SPECIALIST, TRAINER

Beata Zalewa has been working in the technology industry for over 18 years. She is a Technical Architect, specializing in creating both on-premises and cloud solutions. Her main focus points are Cybersecurity, AI, and DevOps, which she uses to design, implement, and manage secure, reliable, and stable on-premises and cloud environments. She's also a Microsoft Certified Trainer (MCT) since 2010, a public speaker, mentor, blogger, and author of IT articles..

CQURE
ACADEMY

Frequently Asked Questions

What happens if I sign up for the program in May, will I be able to access the previous modules?
Yes, you can sign up at your preferred time and you will get access to all the materials and course recordings from the previous months.

If I sign up just for one skill, will I have the access to the Discord channel?
Yes, there will be a different discord channel for each of the modules.

If I sign up for one skill, can I access the next module?
All of the skills are purchased separately, if you decide to sign up for one skill then you can always buy an access to any additional one to boost your knowledge.

If I sign up for one workshop and decide that I would like to take the whole program afterwards, will I be charged the full price?
You will not be charged for the module that you have already for, only for the difference.

Do I need to have any entry knowledge before signing up for the CMAP?
Basic understanding of the IT technologies is something that you should have; however, all the skills come with the pre-work materials that will level your knowledge before taking part in each module.

How does the delivery of each skill look like?
Firstly, you receive the pre-work materials on the subject that will help you with the understanding of the live workshop that comes afterwards. The live workshop will be delivered on the Zoom platform and it will last 8 hours, including breaks. After the workshop concludes, you will receive the post-work assignments and certificate. You will also be granted access to a dedicated Discord channel.
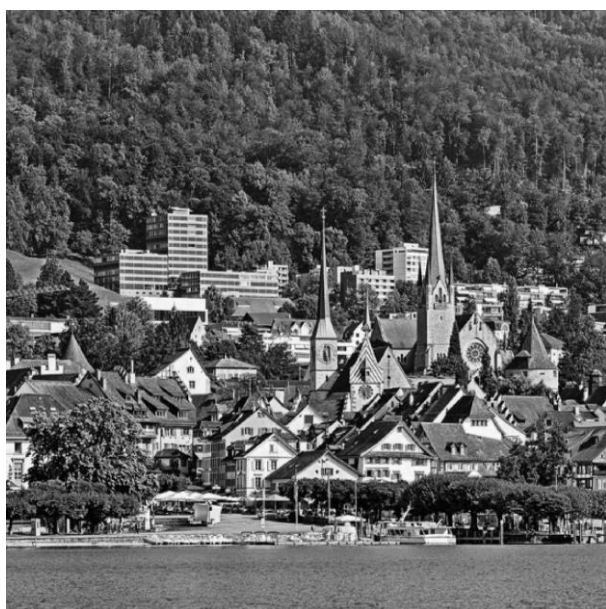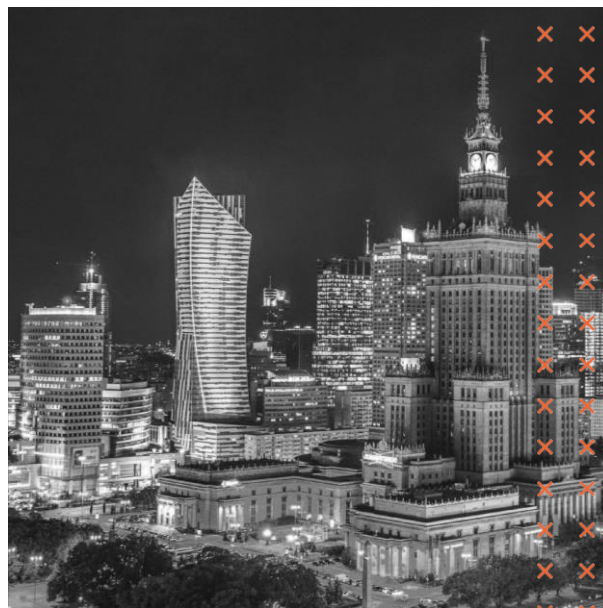
Can I buy the whole CMAP and share the skills among my colleagues?
The CMAP program can only be accessed per person, and the access to the individual skills cannot be shared or distributed across other people.

Will there be a new CMAP next year?
Yes, we will be releasing the new program next year. The program's agenda will be similar to CMAP 2025, however all the sessions will run live again, and any technology upgrades will be included.

Any additional questions? Please send us an email to trainings@cqureacademy.com

CQURE

Warsaw New York Dubai Zug

info@cqure.pl
www.cqure.pl www.cqureacademy.com