Securing Windows and PowerShell Automation

Duration: 11 Days   Course Code: CQ-SWP

Overview:

CQURE Academy focuses on professional knowledge sharing in different areas and for various audiences – CxOs, IT Pros and the end-users as well.

We provide exceptional trainings for IT Security Professionals worldwide, having over 40 deep-dive courses and workshops in our portfolio to choose from. CQURE Academy is also known for its customized and bespoke Masterclasses, that are tailored to client's needs and infrastructure. We have experience in delivery of customized cybersecurity training to professionals from various organizations, including the governmental organizations, law enforcement, military and other critical infrastructure sectors.

For those who would like to expand their skills at their own pace, CQURE Academy offers a variety of on-demand courses on different levels of difficulty and specialization.

Each of CQURE courses complements the idea to become somebody that we call a "Security Expert2.0" – a skilled professional who understands and knows how to look for the weaknesses and vulnerabilities in systems, how do they work, how to investigate them, establish monitoring and make all the skills useful while working within the organization. Security Expert 2.0 can also work with the IT and business experts at the same time. Currently, on the market there are many certifications and trainings available, but quite often they offer advanced technological knowledge but omit its fundamentals. How can you be security experts without knowing why attacks happen? Security Expert 2.0 knows. In details!

Each class delivers a dose of practical experience as it contains cases and examples from the real-life projects. We know that well-grounded knowledge is a key to success, so we have introduced the approach described below to assure the best quality in education: We cover fundamentals on Windows Security and Management, so that when vulnerability occurs or something unexpected happens, you will be able to understand the background of an issue and can fix it. Our fundamentals are not that basic though!We include deep-dive monitoring techniques so that when a problem with availability, confidentiality or performance pops up – who are they going to call? You!We bring the specialization within hacking and securing infrastructure. Hacking is to understand what the weakest points are and how to use them – good engineers think "how things can be made to work" and good security experts think "how things can be made to fail!". Securing brings a great value, as it teaches you how to become hacker-resistant and what interesting settings and solutions you can bring into practice!We bring in the specialization within certain subjects, as we value knowledge about security related topics and widely used technologies.

Objectives:

- Write PowerShell scripts for Windows and Active Directory security automation

- Safely run PowerShell scripts on thousands of hosts over the network

- Defend against PowerShell malware such as ransomware

- Harden Windows Server and Windows 10 against skilled attackers

Testing and Certification

After the completion of our all of our Masterclasses, Workshops and selected On-Demand courses we provide our students with an **online certification**.

What is wonderful about our certificate is that it is lifetime valid - technology changes, but fundamentals and attitude remain mostly the same. Our Virtual Certificates, which **entitle you to collect CPE Points**, are issued via **Accredible** – an online platform equipped with some superb features like: easy online access to the Certificate and the Badge, and the "Add to LinkedIn" button in case you would like to share the certificate with your colleagues.

To be sure you stay secure, Accredible uses a **Blockchain** verification and bank-level encryption in order to control and manage all the certification processes. This platform provides our alumni with an easy access to their certificates, protects their data and provides an easy method of sharing the information about their acquired competences.

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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