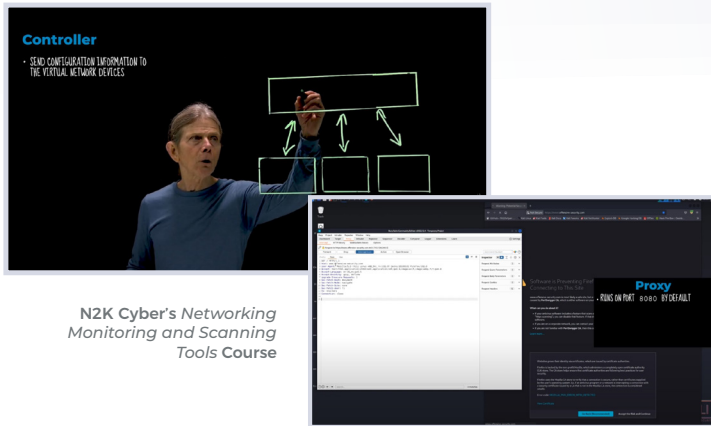


CYBER-ENABLED COURSE

NETWORK MONITORING AND SCANNING TOOLS



N2K Cyber's Networking Monitoring and Scanning Tools Course

Course Overview

As your organization expands with new, interconnected technologies and a growing decentralized workforce, maintaining network security is critical to effectively delivering services and protecting the data of both customers and employees.

CyberVista's Network Monitoring and Scanning Tools course takes a comprehensive approach to teaching with a combination of theory-based and hands-on instruction on how to monitor and secure enterprise networks. Learners will become familiar with several commonly used network monitoring, security, and scanning tools, and how to effectively use and maintain them.

This is an on-demand course with 10 hours of guided instruction and demonstrations presented in an easy-to-digest format from instructors with years of teaching and technical experience.



Who Should Take the Course

- Practitioners positioning themselves into **Network Engineer** roles to have a handle on common tools and the inner workings of those tools.
- New **Service Desk Analyst, Technical Support Specialist, Desktop Support Administrator, or System Support Specialist** who needs to know how a network runs, how to know what's on it, and potential vulnerabilities.

Benefits of Training

- Theoretical plus hands-on, real-world training in a digestible format
- Cheat Sheet and Summary Notes for added support
- Engaging and knowledgeable instructors with years of teaching and technical experience

Course Outline

As a true foundational curriculum, the Network Monitoring and Scanning Tools course includes two units that establish foundational network security concepts, plus exploration and demonstration of commonly used network security tools.

1



NETWORK MONITORING & SECURITY TOOLS

Do you know what's on your network right now? You should know, and this unit will help you understand ICMP, traceroute, and how to use certain tools to monitor, and secure, your network. Tools covered include:

- **Ping**
- **Zenmap**
- **Nmap**
- **Wireshark**

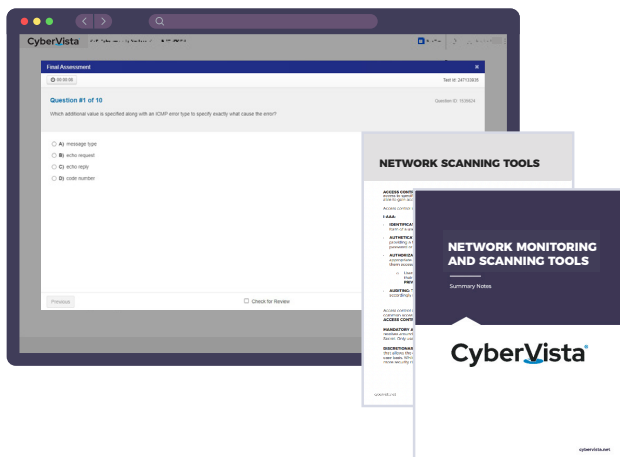
2



NETWORK SCANNING TOOLS

Dive deeper into scanning tools that help secure the network. Learners will understand how servers and websites work, how to implement and interpret vulnerability scans, and how to scan large networks. Also learn what is a virtual machine, its purpose, and its usage. Tools covered include:

- **Burp Suite**
- **Nessus**
- **Masscan**
- **Hypervisors & Virtual Machines**



Resources Included:

- **10 hours of on-demand videos, including lectures and demos**
- **Hands-on practice labs**
- **Tools Cheat Sheet & Summary Notes**
- **10-Question Diagnostic Exam**
- **10-Question Final Exam**
- **Two Knowledge Check Quizzes**
- **Personal Performance Tracker**

Let's talk.

See new opportunities for your cybersecurity workforce.

For more information contact us at sales@cybervista.net or call **844-558-4782**.

