Secure Work from Anywhere with Cloudflare

Duration

2 days

Description

The Secure Work from Anywhere with Cloudflare course is designed for IT professionals looking to enhance their understanding of how Cloudflare supports secure onsite and remote work. Participants will learn how to secure remote workforces with Zero Trust Network Access and apply Zero Trust to websites. The course also covers managing and protecting employees and contractors, replacing Virtual Private Networks, securing remote workforces and SaaS, and stopping ransomware, phishing, and data loss. This course is essential for those seeking to fortify their organization's security posture in today's increasingly remote and digital work environment.

Objectives

- Explore how Cloudflare supports secure onsite and remote work
- Secure Remote Workforces with Zero Trust Network Access and SaaS
- Apply Zero Trust to Websites
- Manage and protect employees and contractors
- Replace Virtual Private Networks
- Stop ransomware, phishing, and data loss

Prerequisites

Students do not need programming experience for this course. However, students are encouraged to have some computer networking experience.

Training Materials

All students receive comprehensive courseware covering all topics in the course. Students will access the courseware through GitHub. The courseware is a collection of documents. Students practice the topics covered through challenging hands-on lab exercises.

To discuss this course and customizations:
Call: 434-509-5680 or Email: sales@cloudcontraptions.com

Software Requirements

Students will need a free, personal GitHub account to access the courseware. Students will need a modern web browser.

Outline

- Introduction
    - What is Cloudflare?
    - What is work from anywhere?
- Challenges with Remote Workforces
    - Legacy Security Tools Do Not Scale
    - VPNs Impact Performance
    - Users are Vulnerable to Security Threats
- Create a Secure Remote Workforce
    - Expand security perimeters beyond traditional limitations
    - Replace VPNs with a global edge network
    - Protect applications with a Zero Trust Access
- Tools to Secure Remote Workforces
    - Cloudflare Access
    - Cloudflare Gateway
- Zero Trust Configuration
    - Enable Zero Trust on Websites
- Zero Trust Gateways
    - Locations
    - Policies
- Zero Trust Access
    - Applications
    - Access Groups
    - Service Auth
    - Tunnels
- Zero Trust Team
    - Devices
    - Users
    - Lists
- Zero Trust Log & Analytics
    - Admin

- – Access
- – Gateway
- Manage Contractor Access
  - – Configure One-time PIN access across major identity providers
  - – Configure One-time PIN access per application
  - – Grant secure access without onboarding to company's SSO
  - – Setup Access policies
- Protect Employees on the Internet
- Replace Virtual Private Networks
  - – What is a Virtual Private Network?
  - – What are some problems with Virtual Private Networks?
- Secure SaaS access
- Stop ransomware, phishing, and data loss
- Activate Phishing-Resistant MFA
- Conclusion