DELL Technologies

Role-Based Training Solutions: Cybersecurity

To help professionals learn on-the-job skills that will propel your business forward, Dell Technologies has compiled a list of our recommended training courses for job roles surrounding Cybersecurity.

Security Administrator

A Security Administrator of information technology is responsible for managing all IT-related security and safety issues within a company. They also implement systems aimed toward preventing malware infections of company computer hardware.

Recommended Training for Security Administrator

CompTIA Cybersecurity Analyst (CySA+) Certification
EC-Council Certified Ethical Hacker (CEH) v11
SC-900T00 - Security, Compliance, and Identity Fundamentals
SC-300T00 - Microsoft Identity and Access Administrator
SC-400T00 - Microsoft Information Protection Administrator

Security Engineer

Security Engineers plan and carry out security measures to monitor and protect sensitive data and systems from infiltration and cyber-attacks. They work as part of a larger IT team and report directly to upper management. Security Engineers are expected to stay up-to-date on the latest intelligence, including hackers' methodologies, to anticipate security breaches.

Recommended Training for Security Engineer

AZ-500T00 - Microsoft Azure Security Technologies
CompTIA Advanced Security Practitioner (CASP+)
EC-Council Certified Ethical Hacker (CEH) v11
NIST Cyber Security Professional (NCSP) Foundation
NIST Cyber Security Professional (NCSP) Practitioner
SC-200T00 - Microsoft Security Operations Analyst

Security Manager

Security Managers are responsible for monitoring the security operations for any organization. They implement security policies, regulations, rules, and norms and make sure that the environment in their organization is safe for employers and visitors.Recommended Training for Security Managers.

Recommended Training for Security Managers

Certified Information Security Systems Professional (CISSP)
ITIL ® 4 Foundation
ITIL ® 4 Specialist Create, Deliver and Support (CDS)
NIST Cyber Security Professional (NCSP) Foundation
NIST Cyber Security Professional (NCSP) Practitioner

Security Analyst

Job duties of a Security Analyst typically include planning and implementing security measures to protect computer systems, networks, and data. Security Analysts are expected to stay up-to-date on the latest intelligence, including hackers' methodologies, in order to anticipate security breaches.

Recommended Training for Security Analysis

CompTIA Cybersecurity Analyst (CySA+) Certification
CompTIA PenTest+ Certification
EC-Council Certified Penetration Tester (CPENT)
SC-200T00 - Microsoft Security Operations Analyst

Security Identity and Access Manager

Identity and access management (IAM) ensures that the right people and job roles in your organization (identities) can access the tools they need to do their jobs. Identity management and access systems enable your organization to manage employee apps without logging into each app as an administrator.

Recommended Training for Identity and Access Managers

SC-300T00 - Microsoft Identity and Access Administrator
SC-400T00 - Microsoft Information Protection Administrator
SC-900T00 - Security, Compliance, and Identity Fundamentals

Cloud Security Administrator

Cloud Security Administrators contend with many of the same challenges as traditional Security Administrators, and for that reason impart many of the same strategies and techniques. However, Cloud Security Administrators must understand the capabilities and limitation of their preferred cloud platform. Many organizations impart a multi-cloud approach from different vendors, thereby increasing the required level of knowledge necessary to maintain a secure environment.

Recommended Training for Cloud Security Administrators

Microsoft Azure
AZ-500T00: Microsoft Azure Security Technologies

Amazon Web Services (AWS)
AWS Security Essentials
Security Engineering on AWS

Google Cloud
Security in Google Cloud

ISC2
ISC2 Certified Cloud Security Professional (CCSP)

Red Hat
Red Hat Security - Linux in Physical, Virtual, and Cloud (RH415)