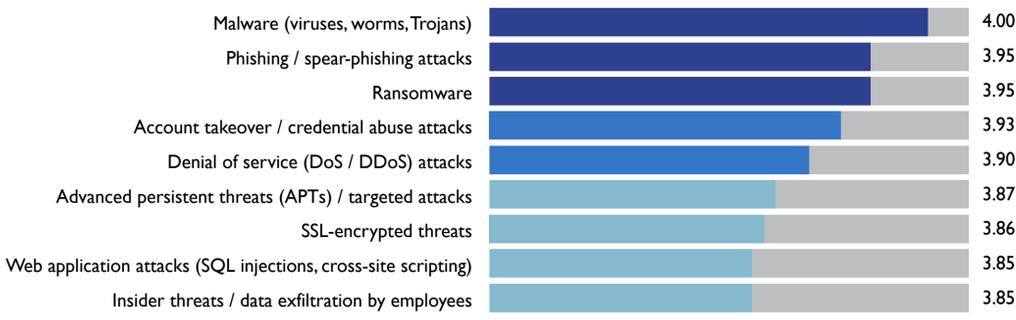


2020 CYBERTHREAT DEFENSE REPORT

CyberEdge Group's seventh annual Cyberthreat Defense Report reveals how IT security professionals perceive the security posture of their organizations, the challenges they face in establishing effective cyberthreat defenses, and the plans they have to overcome those challenges. Read on to learn about some of the key findings from this year's report.

SECURITY TEAMS ARE FIGHTING MANY THREATS

Overall concern about cyberthreats (Scale of 1-5, with 5 highest)



SECURITY'S BIGGEST OBSTACLES

The top three obstacles inhibiting IT from defending against cyberattacks.



Lack of skilled personnel



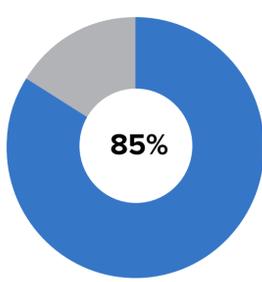
Low security awareness among employees



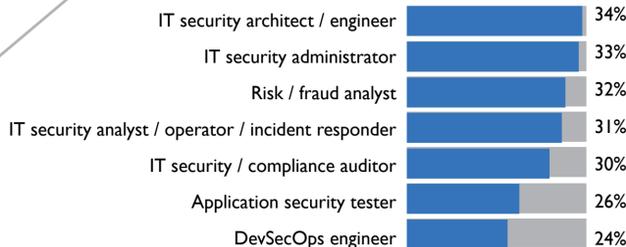
Too much data to analyze

THE IT SECURITY SKILLS SHORTAGE IS PERVERSIVE

Percentage of organizations experiencing a shortfall of skilled IT security personnel

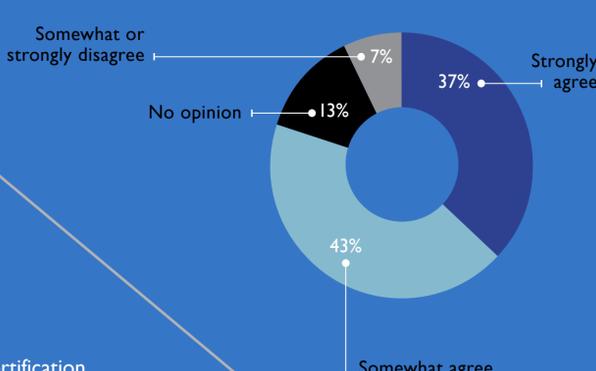


Percentage experiencing an IT security skills shortfall, by role



A STRONG INTEREST IN IT SECURITY TRAINING

Agreement with the statement: "IT security training has helped me better protect my organization's critical assets"



The value or professional certification



CLOUD APPLICATION SECURITY CHALLENGES

Top concerns about protecting applications on cloud platforms



Loss or theft of data and intellectual property



Limitations of cloud service provider's security tools



Regulatory compliance violations



Lack of visibility into the cloud



Insufficient access control functions

INVESTING IN THE FUTURE

HIGHLIGHTS FROM THE REPORT:

- ▶ The chronic shortage of IT security skilled staff is still prevalent; hiring gaps exist across all major IT security roles
- ▶ Lack of skilled personnel is the #1 obstacle to effective defense against cyberthreats
- ▶ The fastest and most economical solution is to train existing IT members to fill security positions
- ▶ A wide majority of employees who receive IT security training believe it helps them perform their jobs and protect their organizations better
- ▶ Employees agree that professional certification expands their knowledge, earns them respect, and increases job satisfaction

HOW (ISC)² CAN HELP

(ISC)² training and certification provide assurance that staff have the advanced technical skills and knowledge to better secure critical assets and address evolving needs with confidence.

Our broad portfolio of accredited security certifications includes:

