

# Cybersecurity Workforce Demand



**GLOBALLY**, the shortage of cybersecurity professionals is nearly

**3 Million**

Source: (ISC)<sup>2</sup> Cybersecurity Workforce Study, 2018

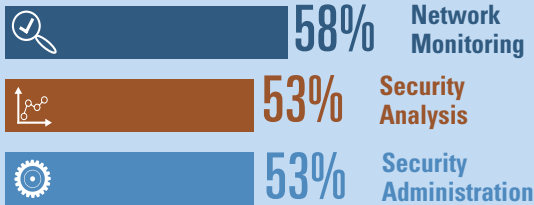


On average, **30%**

of IT professionals surveyed stated fewer than **25%** of all applicants were qualified

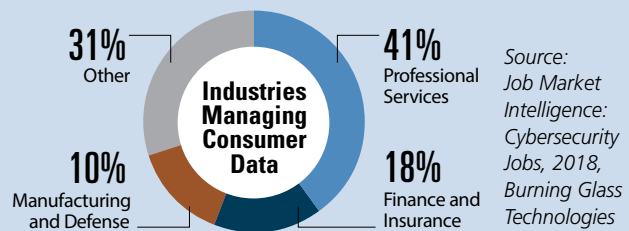
Source: ISACA State of Cybersecurity 2018: Workforce Development

## The most commonly used cybersecurity skills:



Source: (ISC)<sup>2</sup> Hiring and Retaining Top Cybersecurity Talent, 2018

## Top industries for cybersecurity job openings



**313,735** total cybersecurity job openings

**715,715** total employed cybersecurity workforce

Source: CyberSeek, November 2018

**Women Represent 24%** of professionals around the world who spend at least 25% of their time on cybersecurity activities, which includes IT/ICT professionals who previously may not have been considered part of the cybersecurity workforce



Source: (ISC)<sup>2</sup> Cybersecurity Workforce Study, 2018

**26%** Of respondents state that on average it takes **6 or more months** to fill a new cybersecurity position



Source: ISACA State of Cybersecurity 2018: Workforce Development

**13.5% Growth**



Computer and mathematical occupations will grow much faster than the average job during 2016–2026

Source: Bureau of Labor Statistics, U.S. Department of Labor

## Top Cybersecurity Job Titles

- Cybersecurity Engineer
- Cybersecurity Analyst
- Network Engineer/Architect
- Cybersecurity Manager
- Software Developer/Engineer
- Systems Engineer

Source: CyberSeek, November 2018

## Skills that are in demand

- Security Analysis
- Penetration Testing
- Secure Application Development
- Incident Response
- Cloud Security
- Data Science and Analytics
- Customer Service
- Communication
- Collaboration
- Curiosity and Passion for Learning

Source: InfoSec Institute: Top 10 Skills Security Professionals Need to Have in 2018

