

## Your Future in Cybersecurity: The Job Landscape

### Resources to explore

You can check out, bookmark, and keep in mind the following resources to explore cybersecurity further and keep up with the latest developments in the field. This list is curated. You have many organizations and websites to choose from, depending on your interests.

### Free learning opportunities to build skills

Here are some recommended sites to check out if you're interested in learning more about the basics of cybersecurity.

- [The Linux Foundation](#) is a nonprofit organization that offers free training courses on cybersecurity, including [Cybersecurity Essentials](#). You must sign up for a free account to access these courses.
- The [IBM Security Learning Academy](#) provides free technical training on IBM Security products. You can explore the [course catalog](#) and build your own curriculum by enrolling in courses. Note that you will need to create an IBM ID account.
- The [National Institute of Standards and Technology \(NIST\)](#) is a unit of the US Commerce Department that maintains measurement standards. It offers cheap and free-of-charge online learning content for career and professional development in cybersecurity and other fields.
- The SANS Institute is a cooperative research and education institution. At the heart of SANS are the many security practitioners in varied global organizations, from corporations to universities, working together to help the whole cybersecurity community. SANS is a trusted source for [cybersecurity courses and certificates](#).

You can also take advantage of [IBM SkillsBuild](#) to power your future in tech with job skills, courses, digital credentials, and more.

### Certifications to think ahead

If you'd like to pursue a career in cybersecurity, getting an industry-recognized certification can help accelerate your learning and career. Check out the following resources to familiarize yourself with certifications by some of the leading providers:

- The [Computing Technology Industry Association \(CompTIA\)](#) is a well-respected IT trade organization. It offers a variety of IT certifications that employers take seriously, including [certifications in cybersecurity](#). Employers often prefer or require cybersecurity job applicants to have one or more relevant CompTIA certifications. CompTIA offers the following cybersecurity certifications:
  - [CompTIA Security+](#)
  - [CompTIA Cybersecurity Analyst \(CySA+\)](#)
  - [CompTIA PenTest+](#)

- [CompTIA Advanced Security Practitioner \(CASP+\)](#)
- The [International Information System Security Certificate Consortium \(ISC2\)](#) is a nonprofit organization focusing on cybersecurity. It offers professional training and certifications in cybersecurity. The following list highlights some of the organization's most well-known cybersecurity certifications:
  - [Certified in Cybersecurity \(CC\)](#)
  - [Certified Information Systems Security Professional \(CISSP\)](#)
  - [Certified Cloud Security Professional \(CCSP\)](#)
- The [International Council of E-Commerce Consultants \(EC-Council\)](#) is another well-respected cybersecurity certification organization. The following list highlights the organization's most well-known cybersecurity certifications:
  - [Certified Ethical Hacker \(CEH\)](#)
  - [Certified Penetration Testing Professional \(C|PENT\)](#)
  - [Computer Hacking Forensic Investigator \(CHFI\)](#)

### Professional organizations to consider

- The [National Institute of Standards and Technology \(NIST\)](#) has a program to implement practical cybersecurity and privacy through outreach and effective application of standards and best practices necessary for the US to adopt cybersecurity capabilities.
- The [National Cyber Security Centre \(NCSC\)](#) is the UK's leading authority on cybersecurity issues. The website contains a lot of advice, documents, and guidance for specific industries.
- The [Open Web Application Security Project \(OWASP\)](#) is a worldwide nonprofit organization focused on improving software security. It provides an unbiased source of information on best practices and actively advocates for open standards.
- The [Information Systems Security Association \(ISSA\)](#) is a nonprofit organization for the information security profession. It is committed to promoting a secure digital world. Most resources from ISSA are for members. You can review the benefits of becoming a member and discover the local chapter nearest to you. If a local chapter is nearby, explore its website.
- [Women in Cybersecurity \(WiCyS\)](#) is a US-based nonprofit membership organization dedicated to bringing together women in cybersecurity from academia, research, and industry to share knowledge, experience, networking, and mentoring.
- The [Forum of Incident Response and Security Teams \(FIRST\)](#) is a global forum and recognized global leader in incident response. FIRST provides up-to-date resources on best practices.

### News and blogs to stay current

- [Security Intelligence](#) is an IBM site that provides analysis and insights from across the cybersecurity industry. You will find articles, research, and podcasts reporting the latest news in cybersecurity.

- [Cybercrime Magazine](#) is a cybersecurity publication from Cybersecurity Ventures. Cybersecurity Ventures is the world's leading researcher for the global cybereconomy and a trusted source for cybersecurity facts, figures, and statistics. Its magazine provides the latest cybereconomic market data, insights, and ground-breaking predictions to a global audience of cybersecurity professionals.
- [Wired Threat Level](#) is a series of cybersecurity articles from [Wired magazine](#).
- [Krebs on Security](#) is a collection of blogs about computer security and cybercrime authored by Brian Krebs, an American journalist and investigative reporter.
- [Graham Cluley](#) is a collection of blogs about the latest computer security news, opinions, and advice authored by Graham Cluley, a British speaker and independent analyst.
- The [Recorded Future blog](#) provides cyberthreat intelligence analysis, industry perspectives, Recorded Future company updates, and more.