

# Let's team up for security

A new plan to create more well-skilled  
(and well-paid) cybersecurity pros



# Introduction:

## The cybersecurity challenge—and opportunity

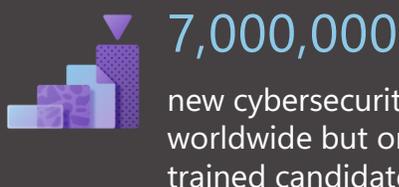
The unrelenting headlines about cyberattacks from ransomware to international cyberwarfare as precursor to invasion remind us of one thing:

The importance and need for highly skilled professionals to defend and secure our critical systems

Trouble is, there simply aren't enough of them

### Consider this

Consider this –between 2020 and 2025, there will be a growth of 7 million jobs in security and privacy worldwide<sup>1</sup>



Hold this up against an estimated pool of cybersecurity specialists of only 4.2 million

That's a gap of almost 2.8 million unfilled jobs<sup>2</sup>

And the number of cybersecurity jobs is expected to more than double between now and 2025

2x

Cybersecurity jobs more than double by 2025

The deficit of qualified cybersecurity specialists seems to be expanding

This skills gap is already costing money.

71% of employers have incurred damages because of cyber talent deficit<sup>3</sup>

And these are great jobs with some of the highest salaries in the tech field

Some are full-time cybersecurity jobs, like a chief information security officer, or CISO.

Others involve a combination of cybersecurity and other IT functions.



<sup>1</sup> Industry Skills Report 2021, Coursera

<sup>2</sup> A Resilient Cybersecurity Profession Charts the Path Forward, (ISC)2 Cybersecurity Workforce Study, 2021, (ISC)2, 2021

<sup>3</sup> 3 Key Statistics from Global Cybersecurity Outlook 2022, Swiss Cyber Institute, March 10, 2022

# Skill up for security:

## Steps to higher cloud security, compliance, and identity skills

To support your next level of capability and fill one of those open positions, you need a plan. Here are three steps to jumpstart your journey to the security, compliance, and identity skills you need.

And, with help from Microsoft Learn, you have the structure and resources you need to empower yourself and your teams as they expand their technical skill sets.

1

### Familiarize yourself with the skills map and your milestones

- You can find recommended skilling journeys and the tracks for learners in the Security, Compliance, and Identity Journey handbook.

2

### Identify the skills, from the basics on, that you need

- Match your planned career direction and next steps with your skilling path.
- You'll find that each journey is designed to help identify where to start and where to go based on their specific role or projects.

3

### Muster your resources

- After determining which journey is the right fit, find courses, training opportunities, and other important information that sets your team up for success.

# Your security, compliance, and identity certification options

1

## Microsoft Certified: Security, Compliance, and Identity Fundamentals

For students, business users, or IT professionals

- This fundamentals certification gives you a firm grasp of a range of topics in the rapidly growing field of cybersecurity.
- A first step to advancing to role-based certifications in security operations, identity and access management, and information protection.

2

## Microsoft Certified: Security Operations Analyst Associate

- Collaborate with organizational stakeholders to secure information technology systems for the organization.
- Help reduce organizational risk by rapidly remediating active attacks in the environment, advising on improvements to threat protection practices, and referring violations of organizational policies to appropriate stakeholders.

3

## Microsoft Certified: Identity and Access Administrator Associate

- Gain the skills to design, implement, and operate an organization's identity and access management systems using Azure Active Directory.
- Manage tasks such as providing secure authentication and authorization access to enterprise applications.
- You'll also learn to troubleshoot, monitor, and report on the identity and access environment.

4

## Microsoft Certified: Information Protection Administrator Associate

- This certification prepares you to take on responsibility for translating requirements and compliance controls into technical implementation.
- You'll be prepared to assist organizational control owners to become and stay compliant and implement technology that supports policies and controls necessary to sufficiently address regulatory requirements for their organization.

# Your security, compliance, and identity certification options

5

## Microsoft Certified: Azure Security Engineer Associate

- Manage the security posture, identify and remediate vulnerabilities, perform threat modeling, implementing threat protection, and respond to security incident escalations.
- This course gives you the toolkit to manage security and access, implement platform protection, and to manage your security operations.

**Learn how to unlock growth with Certifications and Applied Skills.**

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