CompTIA

CompTIA Cybersecurity Career Pathways

The career pathways for SecurityX follow a hierarchy of skills needed for a career in cybersecurity. Each certification builds upon the skills from the previous one. CompTIA certifications reflect the current job roles of IT professionals, so it makes sense for learners to earn certifications and gain the knowledge and hands-on skills currently being used in the workforce.

See how CompTIA certifications map to DoDM 8140.03 work roles

CompTIA Security+

COMPETENCIES

- Assess and implement appropriate security solutions
- Monitor and secure hybrid environments
- Operate with an awareness of applicable regulations and policies
- Identify, analyze, and respond to security events and incidents

JOB ROLES

- Security Specialist
- Security Administrator
- Systems Administrator
- Help Desk Analyst
- Security Analyst
- Security Engineer

PREREQUISITES

CompTIA Network+ and two years of experience working in a security/systems administrator job role.

MORE INFO

CompTIA Security+ is compliant with ISO/ANSI 17024 standards and maps to 20 DCWF work roles used by U.S. DoD Directive 8140.03M.

CompTIA CySA+

COMPETENCIES

- Leverage intelligence and threat detection techniques
- Analyze and interpret data
- Identify and address vulnerabilities
- Suggest preventive measures
- Effectively respond to and recover from incidents

JOB ROLES

- Network Security Specialist
- Network Security Operations
- Network Security Analyst
- Application Security Analyst
- Threat Hunter

PREREQUISITES

CompTIA Network+, Security+ or equivalent knowledge. Minimum of 4 years of hands-on information security or related experience.

MORE INFO

CompTIA CySA+ is compliant with ISO/ANSI 17024 standards and maps to 10 DCWF work roles used by U.S. DoD Directive 8140.03M.

CompTIA PenTest+

COMPETENCIES

- Plan, scope, and gather information
- Perform attacks that fulfill legal and compliance requirements
- Perform each phase of a penetration test
- Communicate findings and recommendations to stakeholders

JOB ROLES

PRIMARY

- Penetration Tester
- Security Consultant

SECONDARY

- Cloud Penetration Tester
- Web App Penetration Tester
- Cloud Security Specialist

PREREQUISITES

3–4 years in a penetration tester job role.

MORE INFO

CompTIA PenTest+ is compliant with ISO/ANSI 17024 standards and maps to 2 DCWF work roles used by U.S. DoD Directive 8140.03M.

CompTIA SecurityX

COMPETENCIES

- Assess and implement appropriate security solutions
- Monitor and secure hybrid environments
- Operate with an awareness of applicable regulations and policies
- Identify, analyze, and respond to security events and incidents

JOB ROLES

- Security Specialist
- Security Administrator
- Systems Administrator
- Help Desk Analyst
- Security Analyst
- Security Engineer

PREREQUISITES

CompTIA Network+ and two years of experience working in a security/systems administrator job role.

MORE INFO

CompTIA Security+ is compliant with ISO/ANSI 17024 standards and maps to 19 DCWF work roles used by U.S. DoD Directive 8140.03M.