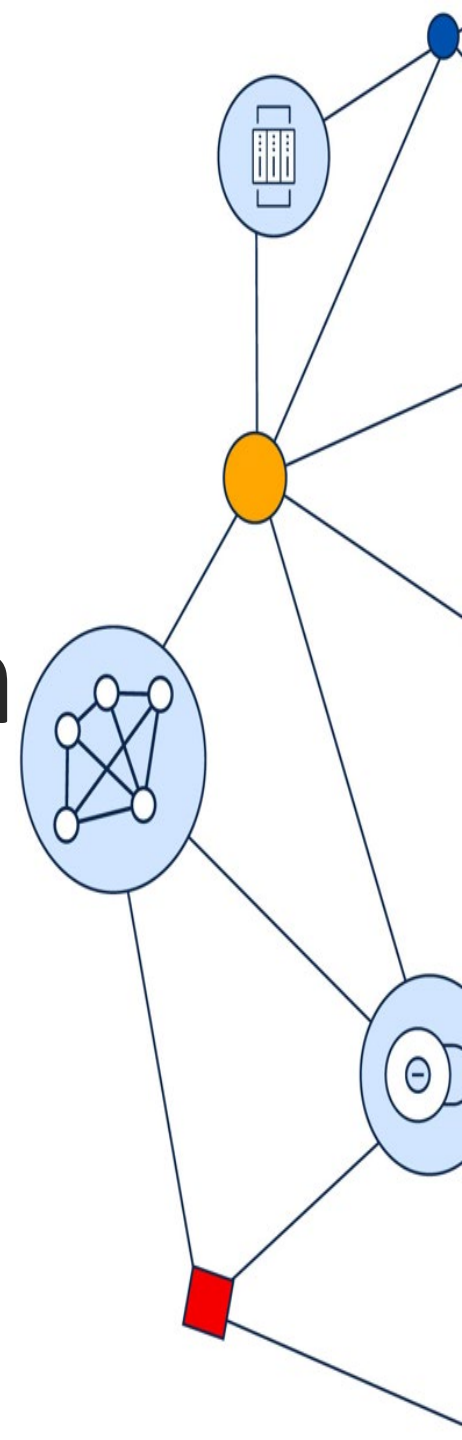


Cisco Certified Support Technician (CCST)

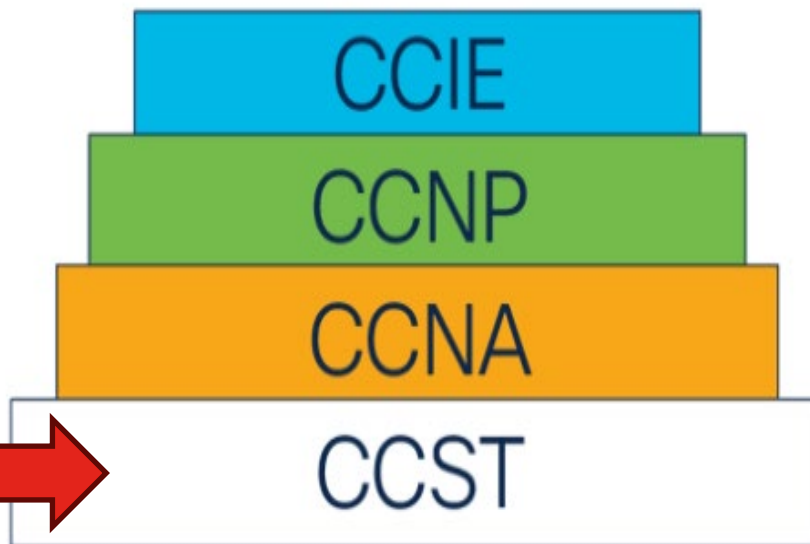
Entry-Level Certification Program

Cisco Networking Academy

Junio 2025

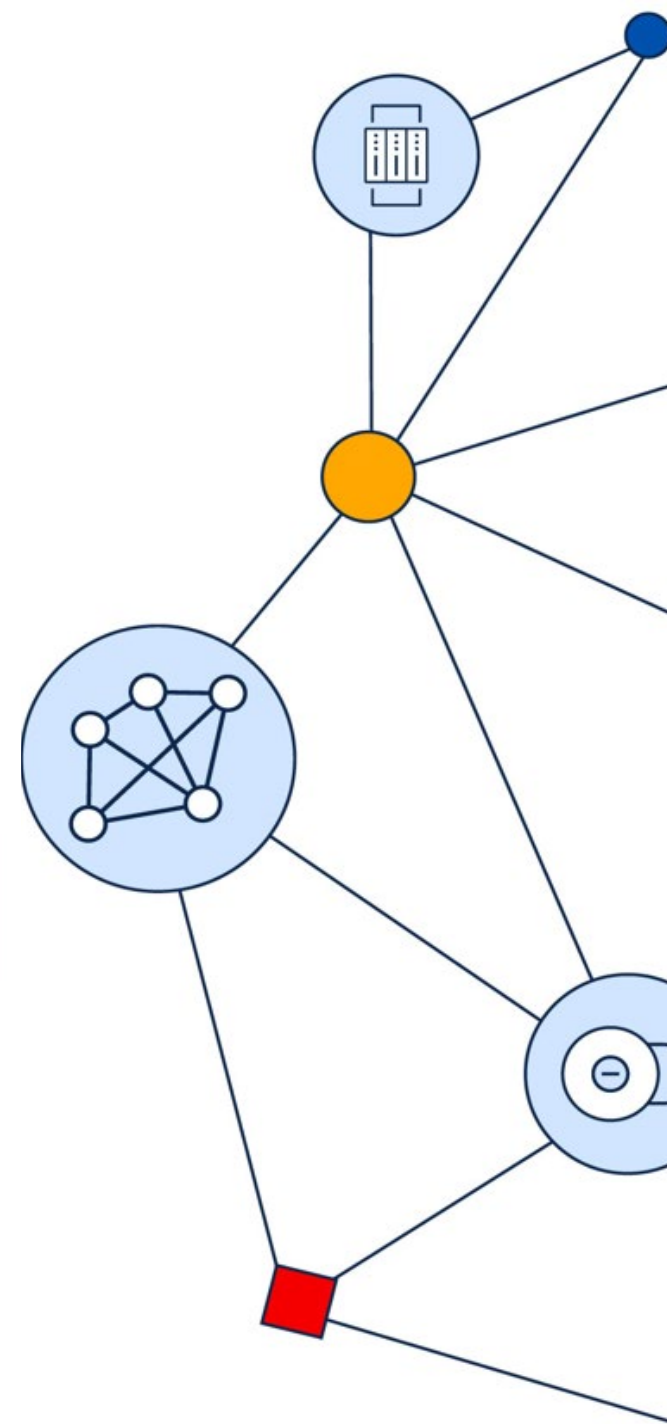


Cisco Certified Support Technician (CCST) Certifications



CERTIFICATION LEVELS

Expert : CCIE
Professional : CCNP
Associate : CCNA
Entry : CCST



CCST certifications and related job roles

CCST Networking



Network Support Technician



IT Support Technician



Help Desk Technician



IT Support Specialist

CCST Cybersecurity



Cybersecurity Technician



Junior Cybersecurity Analyst



Help Desk Support



Security Operations Analyst

CCST IT Support



IT End User Support



IT Help Desk Support



Computer Support Specialist



IT Help Desk Analyst

CCST certifications provide a step to CCNA and CyberOps Associate certifications



Cisco Certified Network Associate (CCNA)

CCNA certification proves you have what it takes to navigate the ever-changing landscape of IT. CCNA exam covers networking fundamentals, IP services, security fundamentals, automation and programmability.



Cisco Certified CyberOps Associate

Cisco Certified CyberOps Associate certification program validates the day-to-day, tactical knowledge and skills that Security Operations Center (SOC) teams need to detect and respond to cybersecurity threats.

Cisco Certified Support Technician (CCST) Cybersecurity

The skills gap

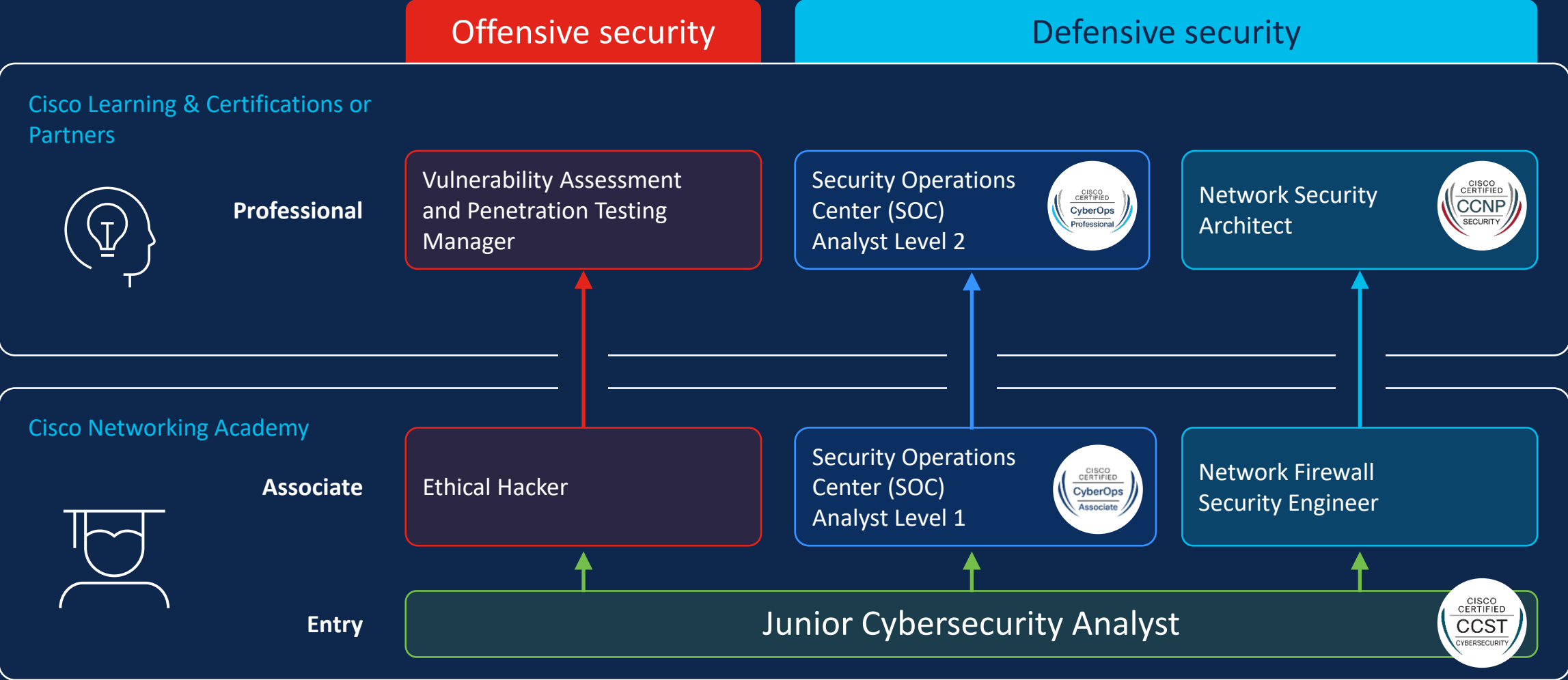
3.5 Million

undersupply of cybersecurity professionals worldwide

Continued lack of cybersecurity professionals threatens economic growth.

It is vital to have professionals who can provide cybersecurity leadership, test and secure systems, and train people in digital hygiene.

Cybersecurity Career Progressions



Junior Cybersecurity Analyst

Description:

Security operations personnel that supports and participates in cybersecurity-related activities, including vulnerability assessment, incident handling, and security reporting and documentation.

Not yet ready to take lead roles but have a broad range of knowledge and skills to participate in and assist with tasks performed by seasoned cybersecurity professionals.



Aliases:

- Junior Cybersecurity Technician
- Cybersecurity Support
- Cybersecurity Specialist
- IT Technician with Security Focus
- Tier 1 Help Desk Support

Skills:

- ✓ Understand core security concepts
- ✓ Assist with network security and data analysis
- ✓ Assist with systems and software security, including malware, cloud & endpoint security, and identity management
- ✓ Assist in applying risk management principles and processes
- ✓ Assist in incident response and disaster recovery

Experience level:

0-1 years

Desired Certification:

Cisco Certified Support Technician (CCST) Cybersecurity certification



Entry-level Cybersecurity Offerings

Networking
Prerequisites

Cybersecurity Essentials

Version 3.0, Instructor-Led only (70 hours)

or

Networking
Prerequisites

Endpoint Security

Instructor-led or Self-paced (27 hours)

Network Defense

Instructor-led or Self-paced (27 hours)

or

Cyber Threat Management

Instructor-led or Self-paced (16 hours)



Junior Cybersecurity Analyst Career Path

Self-paced only (120 hours)

Continue to
----->

Apply for entry-level jobs, internships, and apprenticeships

- Junior Cybersecurity Analyst
- Cybersecurity Technician
- Cybersecurity Specialist
- Tier 1 Help Desk Support

&

Progress to additional learning

CyberOps Associate

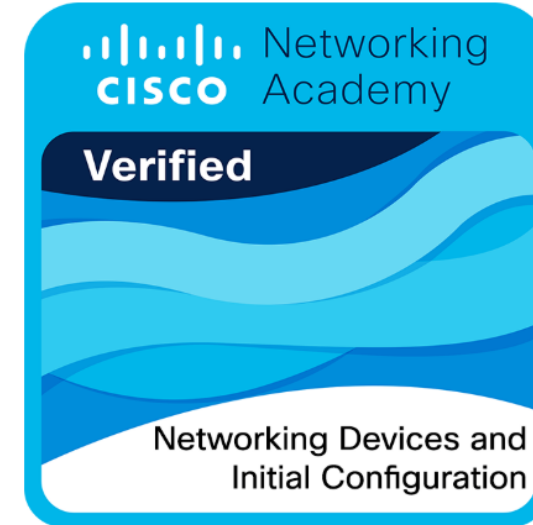
Network Security

IoT Security

Cloud Security

- CCST:
 - Conceptos básicos de redes (22 horas)
 - Repaso básico al modelo OSI
 - Dispositivos de red y configuración inicial (22 horas)
 - Características básicas de los dispositivos de red
 - Seguridad de terminales (27 horas)
 - Aspectos básicos para securizar los puntos finales
 - Defensa de la red (27 horas)
 - Aspectos básicos para securizar los puntos intermedios
 - Administración de amenazas cibernéticas (16 horas)
 - Aspecto básicos para gestionar amenazas de ciberseguridad
 - Examen de carrera profesional de analista junior en ciberseguridad
 - Examen final de todos los temas vistos en el CCST Cybersecurity

CCST Cybersecurity



Career path exam



CCST industrial certification



100-160 CCST Cybersecurity

CyberOps Associate

CBROPS (Cyberps Associate)

<ul style="list-style-type: none"> Módulo 1: El peligro Módulo 2: Combatientes en la guerra contra la ciberdelincuencia 	Grupo, Atacantes y Defensores de Amenazas
<ul style="list-style-type: none"> Módulo 3: Sistema operativo Windows Módulo 4: Descripción General de Linux 	Revisión de sistemas operativos
<ul style="list-style-type: none"> Módulo 5: Protocolos de Red Módulo 6: Protocolo de Internet (IP) y Ethernet Módulo 7: Verificación de la Conectividad. Módulo 8: Protocolo de resolución de direcciones Módulo 9: Capa de Transporte Módulo 10: Servicios de red 	Fundamentos de la red
<ul style="list-style-type: none"> Módulo 11: Dispositivos de comunicación por redes Módulo 12: Infraestructura de seguridad de la red 	Seguridad de infraestructura de la red
<ul style="list-style-type: none"> Módulo 13: Los atacantes y sus herramientas Módulo 14: Amenazas y ataques comunes Módulo 15: Monitoreo de red y sus herramientas Módulo 16: Ataque a los fundamentos Módulo 17: Atacando lo que hacemos 	Amenazas y ataques
<ul style="list-style-type: none"> Módulo 18: Comprendiendo qué es defensa Módulo 19: Control de acceso Módulo 20: Inteligencia contra Amenazas 	Defensa de la red
<ul style="list-style-type: none"> Módulo 21: Criptografía Módulo 22: Protección de terminales Módulo 23: Evaluación de vulnerabilidades en terminales 	Criptografía y defensa de terminales
<ul style="list-style-type: none"> Módulo 24: Tecnologías y protocolos Módulo 25: Datos de seguridad de la red 	Protocolos y archivos de registro
<ul style="list-style-type: none"> Módulo 26: Evaluación de alertas Módulo 27: Trabajo con datos de seguridad de la red Módulo 28: Análisis y respuesta de incidentes e informática forense digital 	Análisis de datos de seguridad

- Resources:

Componentes de aprendizaje destacados:

- 28 capítulos y más de 46 prácticas de laboratorio
- 6 actividades de Cisco Packet Tracer
- 13 actividades interactivas, videos y cuestionarios
- 1 examen de práctica para la certificación

Reconocimientos del curso: Insignia digital

Alineación de la certificación: Certificación alineada con Cisco Certified Cybersecurity Associate

Software de PC para estudiantes:

- Oracle VM VirtualBox Manager (versión 6.1 o posterior)
- VM CyberOps Workstation
 - Descargable desde el curso
 - Requiere 1 GB de RAM, 20 GB de espacio en disco
- VM Security Onion
 - Descargable desde el curso
 - Requiere 4 GB de RAM (mínimo), 8 GB de RAM (muy recomendable), 20 GB de espacio en disco





200-201 CBROPS



Pearson
VUE

Authorized
Test Center



The bridge to possible