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# Practice Exam - SY0-501: CompTIA Security+



# About this Exam:

The exam is intended for candidates with the knowledge and skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations. The successful candidate will perform these tasks to support the principles of confidentiality, integrity, and availability.

#### Audience:

This course is intended to be undertaken by those IT Professionals, having administrative and networking skills in Windows®-based Transmission Control Protocol/Internet Protocol (TCP/IP) networks. Additionally, those professionals who are familiar with operating systems like Unix, macOS®, Linux, and wish to further progress in their IT career by obtaining in-depth knowledge of security topics. It can also be undertaken by those opting to take the CompTIA Security+ certification examination or wish to use this as a means to attempt advanced level certifications related to security.

## **Pre-requisites**

In order to be successful in this course, all students should have basic knowledge of Windows and know how to use it, along with an understanding of networking and computer concepts.

## **Certifications:**

This exam qualifies as the 1 required exam to earn CompTIA Security+ certification.