

Get started on the next course

Congratulations on completing Course 3 of the Google Cybersecurity Certificate: **Connect and Protect: Networks and Network Security!** In this part of the program, you learned about the structure of networks and how to identify network vulnerabilities. You also explored network operations and how they affect the communication of data. Next, you discovered some common types of network attacks, their consequences on an organization, and ways to protect networks against attacks. Lastly, you learned how to reduce the attack surface of a network by applying various protective measures on a network.

The Google Cybersecurity Certificate has eight courses:



1. **Foundations of Cybersecurity** — Explore the cybersecurity profession, including significant events that led to the development of the cybersecurity field and its continued importance to organizational operations. Learn about entry-level cybersecurity roles and responsibilities.
2. **Play It Safe: Manage Security Risks** — Identify how cybersecurity professionals use frameworks and controls to protect business operations, and explore common cybersecurity tools.
3. **Connect and Protect: Networks and Network Security** — Gain an understanding of network-level vulnerabilities and how to secure networks. *(This is the course you just completed. Well done!)*
4. **Tools of the Trade: Linux and SQL** — Explore foundational computing skills, including communicating with the Linux operating system through the command line and querying databases with SQL.
5. **Assets, Threats, and Vulnerabilities** — Learn about the importance of security controls and developing a threat actor mindset to protect and defend an organization’s assets from various threats, risks, and vulnerabilities.
6. **Sound the Alarm: Detection and Response** — Understand the incident response lifecycle and practice using tools to detect and respond to cybersecurity incidents.
7. **Automate Cybersecurity Tasks with Python** — Explore the Python programming language and write code to automate cybersecurity tasks.
8. **Put It to Work: Prepare for Cybersecurity Jobs** — Learn about incident classification, escalation, and ways to communicate with stakeholders. This course closes out the program with tips on how to engage with the cybersecurity community and prepare for your job search.

Now that you have completed this course, you’re ready to move on to the next course:

[Tools of the Trade: Linux and SQL](#) [↗](#).

Keep up the great work!

Mark as completed