

# Certificate of Completion

Bernie Fernando

has successfully achieved student level credential for completing the Network Technician Career Path.

The student was able to proficiently:

- Explain the importance of standards and protocols in network communications.
- Explain how communication occurs on Ethernet networks.
- Explain the features of IPv4 and IPv6 addresses.
- Configure an integrated wireless router and wireless client to connect securely to the internet.
- Explain how Ethernet operates in a switched network.
- Compare the operations of transport layer protocols in supporting end-to-end communication.
- Explain how DNS and DHCP services operate and diagnose basic network connectivity issues.
- Explain how routers use network layer protocols and services to enable end-to-end connectivity.
- Demonstrate effective troubleshooting methodologies and help desk best practices.
- Configure secure user access on a network.



Scan to Verify

*Laura Quintana*

---

Laura Quintana  
Vice President and General Manager  
Cisco Networking Academy

May 20, 2024