

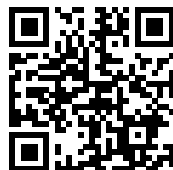
# Certificate of Course Completion

Samy Emad

has successfully achieved student level credential for completing the Network Addressing and Basic Troubleshooting course.

The student was able to proficiently:

- Explain how physical layer protocols, services, and network media support communications across data networks.
- Explain how media access control in the data link layer supports communication across physical and logical networks.
- Explain how routers use network layer protocols and services to enable end-to-end connectivity.
- Implement an IPv6 addressing scheme.
- Describe Cisco routers and switches.
- Troubleshoot basic network connectivity issues.



Scan to Verify

*Laura Quintana*

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Laura Quintana  
Vice President and General Manager  
Cisco Networking Academy

July 11, 2024