

# Certificate of Course Completion

*Rafael Filipe Pereira*

*has successfully achieved student level credential for completing the Network Security course.*

*The student was able to proficiently:*

- Describe the security threats facing modern network infrastructures.
- Secure Cisco Routers.
- Implement AAA on Cisco routers using a local router database and external server.
- Mitigate threats to Cisco routers and networks using ACLs.
- Implement secure network design, management, and reporting.
- Mitigate common Layer 2 attacks.
- Implement the Cisco IOS firewall feature set.
- Deploy the Cisco ASA for firewall and NAT/PAT services.
- Implement a site-to-site IPsec VPN. Explain encryption types, confidentiality, integrity and authentication.
- Implement Zone-Based Policy Firewall.



Scan to Verify

*Lynn Bloomer*

Lynn Bloomer  
Director, Cisco Networking Academy