

## Network Security

The student has successfully achieved student level credential for completing Network Security course administered by the undersigned instructor. 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.

**Mustafa Jawed**

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Student

**NANOTECHX**

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Academy Name

**Pakistan**

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Location

**30 Dec 2023**

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Date

**Hafiz Muhammad Attaullah**

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Instructor

Instructor Signature