

Certificate of Course Completion

Abed Al Ghani Shaaban

*has successfully achieved student level credential for completing the CCNA:
Introduction to Networks course.*

The student was able to proficiently:

- *Configure switches and end devices to provide access to local and remote network resources.*
- *Explain how physical and data link layer protocols support the operation of Ethernet in a switched network.*
- *Configure routers to enable end-to-end connectivity between remote devices.*
- *Create IPv4 and IPv6 addressing schemes and verify network connectivity between devices*
- *Explain how the upper layers of the OSI model support network applications.*
- *Configure a small network with security best practices.*
- *Troubleshoot connectivity in a small network.*



Lynn Bloomer

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Director, Cisco Networking Academy