EUROPEAN INFORMATION TECHNOLOGIES CERTIFICATION INSTITUTE, ASBL.

Brussels, Belgium, European Union

CERTIFICATE

Adrian-ioan Sirbu

Has successfully completed test requirements of
The European Information Technologies Certification Programme

EITC/IS/CNF Computer Networking Fundamentals

Certification Programme examination result: 100%

(updated in January 2024)

Certification Programme description:

Introduction to networking; Physical networks: cabling devices; OSI Model: introduction to the OSI Model; Internet protocols: introduction to IP addresses, IP addressing in depth, TCP/IP - Internet Protocol Suite, how TCP and UDP protocols work, establishing connections with TCP`s three way handshake, how TCP handles errors and uses windows; Practical networking: introduction to Cisco CLI; Switching: how switching works; Virtual local area network (VLAN): how VLANs work, VLAN trunk links; Access Control Lists: understanding Access Control Lists; Address Resolution Protocol (ARP): introduction to ARP; Dynamic Host Configuration Protocol (DHCP): introduction to DHCP; Domain Name System (DNS): introduction to DNS; Routing: static route configuration, dynamic routing protocols and traffic forwarding, how Routing Information Protocol RIP works, how to use Network Address Translation NAT; time in networks; Logging: sending logs to a Syslog Server; Network management: introduction to Simple Network Management Protocol SNMP, Spanning-Tree protocol, how Spanning-Tree works

Certificate Programme version/revision: EITC/IS/CNFv1r1

CERTIFICATE ID: **EITC/IS/CNF/FXR23004724**

To validate authenticity of this certificate or review its programme and test results scan/click QR code or visit:
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