

# Network Technology Associate

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## Exam Objectives [Exam 1D0-51C]

- Demonstrate knowledge of basic data communications components, and demonstrate technical knowledge of the Internet
- Identify the role of networking hardware, and configure common hardware for operation
- Identify the relationship between IP addresses and domain names, including assignment of IP addresses within a subnet
- Identify the functions and components of servers commonly used on the Internet
- Identify common Internet security and availability issues, including user-level and enterprise-level concerns
- Identify common performance issues affecting Internet clients, including analysis, diagnosis
- Perform basic hardware and system maintenance for network-aware systems
- Manage fundamental elements of modern network-based client operating systems
- Configure and troubleshoot wireless networks
- Demonstrate understanding of virtualization
- Explain concepts involving personal privacy protection on the Internet