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CompTIA a Practice Exams Configuring a Root CA by [Water123](#)

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Know your subnetting. The MCITP certification exam will probably not have you manually subnet an IPv4 address, but you should still know how to do it. This is important, because it gives you a strong foundation in the basics of networking and will help you more easily understand the complex situations you may be presented with on the certification exam.

Remember network server-based roles. These include DHCP, DNS, and other A+ Practice Exams server roles that are strictly networking-related. Microsoft expects you to have learned these technologies for your 70-642 exam; now you will be expected to have them perfected.

Know how to handle IPv6. This includes IPv4 to IPv6 tunneling, IPv6 addressing, and the allocated space available in the 128-bit address. IPv6 is a complicated subject and will slowly start appearing over the next few years.

Know access policies. Access policies include VPN, dial-up connections, and other access strategies that Microsoft will expect you to be intimately familiar with. Don't be surprised! Understand authentication and authorization. You need to know and understand all the different types of authorization strategies and encryption strategies Microsoft has at its disposal, along with all their advantages and disadvantages. This can be a lot to take in, so make sure you memorize them.

Know DNS zone types. You need to know the difference between primary, secondary, GlobalNames, and other different types of DNS zones. They will pop up a lot, and more often than not, they will be the simple answer to a complicated question.

Don't Legacy technologies still exist. WINS is still actively used, as are tons of different CCNA Exam Answers networking technologies. Be prepared for questions about them.

I also covered namespaces and naming conventions, including the requirements of DNS, that it can be incorporated into Active Directory, and the relationship that DNS zones play with the infrastructure and with legacy naming mechanisms, such as WINS. Additionally, I covered the effect that DNS will have on your remote access strategy, which accounts for network policies, connection types, and overall infrastructure design goals, including perimeter networks. Lastly, on the server placement side, I covered where to place a DHCP server; general rules of thumb for RADIUS-based servers on NPS; and the purposes, classes, and types of firewalls you can use in any given environment.

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