Application Layer, DNS and Active Directory

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Author’s Note

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**In the context of network operating system protocols, you are to write an assignment on “Application Layer” & “DNS and Active Directory”, *and in particular*, how it addresses the following questions:**

**1.  Compare the transport layer ports used by the following protocols: FTP, SFTP, SMTP, IMAP4, and POP3 as well as those used by the Microsoft Exchange Server.**

**2.  List and compare the similarities and differences that exist among SMTP, IMAP4, POP3, Microsoft Messaging clients and webmail for email client support.**

**3.  Compare the TCP ports used by active and passive FTP.**

**4.  Explain in detail "DNS" (Domain Name Servers/System) and "AD" (Active Directory)?**

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