

## Questions to Study for the Midterm Test:

These questions come from the end of labs and posted lectures. The Midterm will have forty (40) of these questions on it. The Midterm is sixty (60) minutes long. They are all multiple choice. The Midterm is during your theory class week 7, in our regular class. Check labs and lectures to know what questions belong to each.

1. What do the initials GUI stand for? 2. What does NAT stand for?
3. What is a host only virtual network? 4. What is a bridged virtual network?
5. Why is Auto bridging not recommended? 6. What is ESXI?
7. What is Fusion?
8. What is the difference between UEFI and BIOS? 9. What is SAS?
10. What is the difference between IDE, SCSI, SATA, and NVMe? 11. Why should you allocate all disk space at the start?
12. Why did we choose Desktop Experience?
13. What are the advantages of Active Directory Integrated zones? 14. What does installing VMware tools do?
15. How do you open your network interfaces by text command? 16. What is the address 172.16.89.253 used for in the lab?
17. When we are setting up our 172.16.0.0 network, do we use NAT or Bridged? 18. What is the address 8.8.8.8?
19. Is DNS Server a Role or a Feature?
20. What is the zone name of your Primary forward lookup zone? Use ^^??? to represent your numbers.
21. What extension is given to a forward lookup zone file? 22. What would be the name of your reverse lookup zone file?
23. When creating forwarders in our lab DNS server, what IP4 address must come first? 24. What Server Role must we add in Server Manager to enable Active Directory?
25. Why did we not create a DNS delegation when installing Active Directory?
26. What would be the default NetBIOS domain name for your domain? Assume ^^??? represents your numbers.
27. What type of objects are "ITS, HelpDesk, Development, and CustSupport" in ADUC?

28. Under what existing policy were you told to modify, to allow users to login locally on the server? Default Domain Policy or Default Domain Controllers Policy.

29. Under what existing policy section were you told to modify, to allow users to login locally on the server? Computer Configuration or User Configuration.

30. What is the policy name, that you have to open to allow a user to login locally on the server? 31. What path do we need to open to get to the policy to allow users to login locally on the server? 32. What is the difference between Assigned applications and Published Applications?

33. What is a Source Starter GPO?

34. What type of naming convention is "\\ServerName\ShareName"? 35. What is the purpose of an MX record?

36. What is the purpose of "ipconfig /flushdns"? 37. What is "127.0.0.1"?

38. What does "Install-WindowsFeature" do?

39. What does ".\Setup.exe /PrepareSchema" do? 40. What is the difference between "x86" and "x64"?

41. Why do we get a warning message when we first type "https://mail.dm^^???.cst8242.com/owa"? Assume ^^??? is your numbers.

42. When setting our time zone, what is the "UTC" offset?

43. What additional groups did we add to "Member of", in ADUC for your user?

44. What minimum amount of disk space did I recommend so that Exchange can Send e-mails? 45. What Windows program do we use to extend disk space?

46. What is the fully qualified server name of my mail server in the class?

47. Do you need to be physically connected to the class network to do an nslookup of your server?

48. What port does DNS use?

49. What Exchange Management Shell command do we use to see User CAL licenses?

50. What account has mail enabled by default when installing Exchange as Administrator? 51. Can you send mail to Exchange Users without creating a Send Connector?

52. What type of Send Connector did we create? 53. What ports do POP3 use in Exchange?

54. What port is used for SSL when configuring POP3 in Exchange? 55. What ports do IMAP4 use in Exchange?

56. In order to use POP and IMAP, what must we do in Services?

57. What must we do to Receive Connectors before we can receive mail from the Internet? 58. What did we remove under scoping for our Receive Connectors?

59. Under what receive connector, is port 25 defined?

60. Can you create users in Exchange Admin Center, or do you need to use ADUC?
61. When editing a user in ECP, under what option do we see Issue a warning at (GB)? 62. What is your professors lab e-mail address, not the College e-mail address?
63. What is a Smart Host?
64. What Exchange Management Shell command do we use to change the port from 25 to 2525 on the Send Connector?
65. What is the purpose of the Log files?
66. When creating a new user in Exchange Admin Center, what defines the users e-mail address by default?
67. What is the syntax of the command we use to test remote access to our mail server? Hint telnet
68. What extension does an Exchange database use?
69. What Exchange Console command do we use to move a database and log files to a new location?
70. What command do we use to create a new mail enabled user in Exchange Shell?
71. What must we do if we create a new user in the Exchange Shell and it does not appear in Exchange Admin Center?
72. What is UserPrincipalName?
73. What shell command do we use to move a user to a new mailbox database? 74. What command do we use in Exchange Shell to show disconnected mailboxes?
75. Under what setting in Exchange Admin Center (ECP) do you modify warning message interval for a database?
76. Who did Microsoft purchase the WinINSTALL program from? 77. What is an .msi file?
78. Can you repackage older software that does not use the .msi extension for installation? 79. What are advantages of custom installations using group policies?
80. What is a resilient application?
81. What do they mean by clean removal? 82. What are elevated permissions?
83. With mandatory upgrades, if a user does not have the old version already installed, can they install the old version?
84. With an optional removal, can users install an application if they don't already have the software application installed?
85. What are differences between published and assigned applications? 86. What is a .zap file?
87. What is a .mst file? 88. What is a GPO?

89. Beside Computer Configuration, what other corresponding section is present in a GPO? 90. What type of applications are resilient? Published or Assigned?

91. What is document invocation? 92. What is "Net Use"?

93. What is a "ZAP" file?

94. Can applications using a zap file for installation, be assigned? 95. Are applications using a zap file resilient?

96. What headings do we have in a zap file? 97. What is an mst file?

98. What are the two deployment types for software deployment?

99. What does it mean to uninstall the application when it falls out of scope?

100. What is "Add/Remove Programs" called in current operating systems?

#### More Questions:

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- What are the two deployment types for software deployment?
- What type of applications are resilient?
- Beside Computer Configuration, what other corresponding section is present in a GPO?
- What are elevated permissions?
- What extension does an Exchange database use?
- What Exchange Management Shell command do we use to change the port from 25 to 2525 on the Send Connector?
- When creating a new user in Exchange Admin Center, what defines the users e-mail address by default?
- Can you create users in Exchange Admin Center, or do you need to use ADUC?
- What must we do to Receive Connectors before we can receive mail from the Internet?
- Under what receive connector, is port 25 defined?
- What ports do IMAP4 use in Exchange?
- What ports do POP3 use in Exchange?
- What port is used for SSL when configuring POP3 in Exchange?
- Can you send mail to Exchange Users without creating a Send Connector?
- What Exchange Management Shell command do we use to see User CAL licenses?
- What type of Send Connector did we create?
- What port does DNS use?
- What Windows program do we use to extend disk space?
- When setting our time zone to Eastern Standard Time, what is the "UTC" offset?
- What additional groups did we add to "Member of", in ADUC for your user?
- What is the difference between "x86" and "x64"?
- Why do we get a warning message when we first type  
"https://mail.dm^^???.cst8242.com/owa"? Assume ^^??? is your numbers.
- In order to use POP and IMAP, what must we do in Services?
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- Is DNS Server a Role or a Feature?
- When we are setting up our 172.16.0.0 network, do we use NAT or Bridged?
- Why did we choose Desktop Experience when installing Windows?
- What Server Role must we add in Server Manager to enable Active Directory?
- Why did we not create a DNS delegation when installing Active Directory?

- What type of objects are "ITS, HelpDesk, Development, and CustSupport" in ADUC?
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