

## Review Questions for Midterm

The following list is not intended to be exhaustive, but instead is representative of the areas of knowledge you will be expected to command. Please pace yourself, don't expect to research all the questions the night before the exam. Set a goal of understanding eight questions per evening and you will be fine when the midterm is given.

1. List differences between Server-based and peer-to-peer networks
2. When would you choose Server-based?
3. List differences between a LAN and a WAN
4. What is a Network Operating System?
5. What is the difference between multitasking and multithreading?
6. What is SMP and when can it help?
7. Why would you use NTFS?
8. When would you choose RAID and why?
9. What transport protocol does your network use?
10. How can NT Server be used in transitioning out of Novell Netware?
11. What methods can be used to improve fault tolerance on a server?
12. What situations might require you to restore a backup?
13. What type of network is STP media used for?
14. What is the difference between baseband and broadband?
15. What type of media would you choose if EMI susceptibility is the primary concern?
16. What media might you use to link two offices in adjacent skyscrapers?
17. What makes bus topology different than point-to-point?
18. How can two busses talk to each other?
19. When would you choose 100VG-AnyLAN over 100BaseT?
20. Two reasons why not to choose Token Ring?
21. What is a backbone and what type of media is appropriate for it?
22. What is broadband?
23. What are link segments?
24. What three busses are still in common use today?
25. What does "5" stand for in the 5-4-3 rule?
26. Why would you avoid using ISA bus cards?
27. What are examples of RISC CPUs?
28. What are three reasons that RISC CPUs failed to capture the NT market?
29. Which type of main memory RAM is fastest?
30. Why would you avoid use EIDE for servers?
31. Why is SCSI a good choice for servers?
32. What is DMA and why would it help you?
33. When would you use a directory service?
34. Why wouldn't you want to use a workgroup?
35. What are the various types of server roles?
36. When would use use NT Servers which are not domain controllers ("standalone")?
37. What domain model would you use for a Fortune 500 company?
38. What domain model is appropriate for a small business?
39. What type of account can a Netware user have in an NT domain?
40. What are the differences between local and global groups?
41. What are your choices for domain controllers during setup?
42. Can you create a new PDC if the domain already exists?
43. Can BDCs be moved directly from one domain to another?
44. What are 3 objects that SIDs are attached to?
45. What are the two ways of creating a new domain?
46. What machines must be modified to rename a domain?
47. If the PDC is down and the BDC is not promoted, what can't you do?

48. In setting up a WAN, what is needed at each site to reduce traffic?
49. What registry settings affect domain synchronization?
50. What are the security policy password options?
51. What are the three NT global groups?
52. What are the predefined local groups?
53. What are the four kinds of profiles?
54. What is the difference between profiles and logon scripts?
55. Home directories are important for what type of user?
56. Why would you set up an account that expires?
57. What are the types of RAS (dialup) security options?
58. What is the difference between disabling and deleting an account?
59. What events can be audited?
60. What are the standard rights?
61. What are the advanced rights?
62. What is the job of the LSA?
63. What is the job of the SAM?
64. What is the job of the SRM?
65. What is an access token?