

1. What processor-oriented counter should be used to determine the percentage of time for threads to process?

Answer: % Processor Time

2. In order to convert a basic disk to a dynamic disk, how much free space must be available on the disk?

Answer: 1MB

3. What process represents the Windows kernel and system process on a running Windows 2016 Server installation?

Answer: System

4. Disk duplexing is the same as what type of disk redundancy?

Answer: Disk mirroring

5. When using msconfig to change the startup type, what startup selection loads basic devices and services only, and has no configurable options?

Answer: Diagnostic startup

6. You are troubleshooting a DHCP server, and discover that it is creating excessive network traffic handling DHCP requests. What solution will resolve the issue with minimum resource expenditure?

Answer: Increase the DHCP lease period for the scopes configured on the server.

7. What logs should you check to possibly find out why Active Directory replication is failing?

Answer: Directory Service log

8. What is the purpose of a State of Authority record?

Answer: It identifies the authoritative DNS server for the current zone.

9. What statement regarding IIS web server management is accurate?

Answer: Application pools ensure isolation between applications.

10. What security feature created by Microsoft enables the ability to define security rights for documents, spreadsheets, e-mail, and other types of files created by applications, going beyond what is possible with ACLs and the Windows Firewall?

Answer: Rights Management Services

11. What RAS capability allows an organization to publish applications to be accessible to users outside of the organization, while still maintaining those applications on the organization's servers?

Answer: Web Application Proxy

12. While using your Windows Server 2016 install, you receive a 0x00000023 NTFS File System stop message. What should you do first to attempt to fix the issue?

Answer: Boot into Safe Mode and run chkdsk.

13. Regarding the deployment of Windows Server 2016 VPN services, what VPN protocol is considered the least secure option?

Answer: PPTP

14. What communications technology utilizes packet switching and virtual connection techniques to transmit at rates from 56 Kbps to 45 Mbps?

Answer: Frame relay

15. When viewing logs in the Event Viewer, what symbol is used to indicate that log is an error log entry?

Answer: A red circle with a white X in the middle

16. What does the "Enforce user logon restrictions" option do when configuring Kerberos?

Answer: It turns on Kerberos security.

17. What does the % Privileged Time counter represent?

Answer: It is the amount of time spent by the CPU for system activities in privileged mode.

18. What is NOT a valid file format that can be used to save individual logs?

Answer: .doc

19. You are currently using the Windows Server 2016 installation DVD to provide a command prompt for accessing your server's C:\ drive. You have been given a compressed archive containing a needed driver to restore functionality to your server. What command available on the DVD can you use to uncompress the archive?

Answer: Expand

20. When viewing memory information within Task Manager, what section represents the memory that holds the operating system kernel and device drivers that cannot be paged out?

Answer: Non-paged pool

21. Regarding the partition scheme on a disk using MBR, what statement is true?

Answer: A primary partition must be marked as active in order for the system to boot..

22. What type of DNS resource record is used to identify a server that is authoritative for a zone?

Answer: NS record

23. What logs should you check in Event Viewer if you suspect that a service failure might be due to the Windows Firewall configuration?

Answer: System logs

24. The templates used by the Data Collector Sets tool are stored using what data format on the local computer?

Answer: XML

25. What does the /w flag do when utilized with the cipher command?

Answer: It purges data from disk space that is flagged as unused.

26. What application pool is created by default when you install the Web Server role?

Answer: DefaultAppPool

27. You are configuring a Windows Server 2016 VPN server using L2TP and NAT. What is NOT one of the ports that needs to be opened on the firewall for this configuration to work?

Answer: UDP 4500

28. What is NOT one of the available priorities that can be assigned to a process?

Answer: Critical

29. After configuring SNMP traps for a system, you discover that traps are not being sent out. What is most likely the issue?

Answer: The SNMP Trap service has not been started.

30. If a computer is not equipped with a TPM chip, how can a computer make use of BitLocker Drive Encryption?

Answer: The computer will require a USB flash drive that contains a personal identification number used to start the computer and secure the drive.

31. What statement regarding the use of Group Policies is accurate?

Answer: Group policy objects are local only.

32. What NIC teaming load-balancing method uses flowlets to reduce large-sized traffic into smaller elements for faster data transfer?

Answer: Dynamic

33. When using the GPT method of partitioning disks, where is the partition information stored?

Answer: In each partition using main and backup tables.

34. You are troubleshooting a network issue on your server, and suspect the issue exists beyond your gateway / router, in your provider's network. What utility could you use to show routing information between your server and an external remote host?

Answer: tracert

35. What is the T-Carrier communication technology?

Answer: T-Carriers are dedicated leased telephone line that can be used for data communications over multiple channels.

36. After using the chkdsk utility via a command prompt running from the Windows installation DVD, you receive a message that says "Failed to transfer logged messages to the event log with status 50". What does this message mean?

Ans: The chkdsk run has completed, but does not have the ability to write to the event log in this mode.

37. What statement regarding the Windows Server Backup tool is NOT accurate?

Ans: The Windows Server Backup tool can't perform a backup to an external drive.

38. What is a caching-only DNS server?

Ans: It is a DNS server with no zones whatsoever.

39. What command can you use to display ports that are currently listening for communications on your computer?

Ans: netstat -a -n

40. When using a Windows Server 2016 striped volume, what is the size of the blocks that are striped across the members of the volume?

Ans: 64KB

41. What type of an attack is the account lockout feature specifically designed to prevent?

Ans: Brute force attack

42. What is NOT one of the advantages of using a hardware RAID over a software RAID?

Ans: Increased fault tolerance

43. What command prompt command can be used to partition a disk and manage multiple partitions on a system?

Ans: diskpart

44. What command provides the account using it with a new encryption key, meaning that previous keys associated with other accounts are no longer valid?

Ans: cipher /k

45. What does a trace report in the Data Collector Sets tool contain?

Ans: It contains only instances when traced events occur.

46. What Remote Desktop Services role can be used when multiple RDS servers are on a network, and ensures that a client connects to the right server, as well as ensuring that clients are load balanced amongst servers?

Ans: Remote Desktop Connection Broker

47. When using dynamic disks, what is the volume that contains the \Windows folder called?

Ans: The boot volume

48. What statement regarding DNS implementation is accurate?

Ans: A domain should ideally have two or more DNS servers to take advantage of load balancing and Multimaster relationships, as well as fault tolerance.

49. You are configuring a RAID-5 array with five disks, each disk is 3TB in size. What will be the total usable size of the RAID-5 volume?

Ans: 12 TB

50. After installing Routing and Remote Access, a default remote access policy is created. What is the default access permission defined in this policy?

Ans: Deny Access

51. When using Windows Server 2016 Device Specific Module (DSM), what configuration model allows you to cycle through functional paths in order?

Ans: Round Robin

52. You are troubleshooting an issue on your network where users can access the DNS server, but DNS record information is not being processed. What should you do to troubleshoot the issue?

Ans: Ensure DNS server and DNS client services are started and set to automatically start when the server boots.

53. What happens when a Group Policy setting is defined in User Configuration and in Computer configuration?

Ans: The Computer configuration items take precedence over the User configuration items.

54. What statement regarding the Point-to-Point Protocol (PPP) is NOT accurate?

Ans: PPP supports only the TCP/IP protocol.

55. Under what msconfig tab can you change the default system startup type?

Ans: General

56. You are investigating strange traffic on your network and wish to resolve an IP address to a DNS name. What resource record is used to do the reverse lookup?

Ans: PTR record

57. When creating a dump file from an application or process, where is the dump file placed?

Ans: \Users\ADMINISTRATOR\AppData\Local\Temp\dumpfolder#\programprocessname.DMP

58. What Windows Server 2016 service is used to keep a listing of computers and domain resources to be accessed?

Ans: Computer Browser

59. You are attempting to use Remote Desktop from a Windows Vista computer to a Windows Server 2016 install, but are unable to do so. You have verified that other computers running newer versions of the Windows operating system on the same network are able to remote desktop to the server. What is most likely the issue?

Ans: Network Level Authentication is turned on in Remote Desktop settings.

60. What protocol enables client computers to automatically register their IP addresses to a DNS server?

Ans: Dynamic DNS update protocol

61. What RDS feature enables a client to run an application without loading a remote desktop on the client computer?

Ans: RemoteApp

62. What Remote Desktop Services role related feature helps to prevent man in the middle attacks by requiring authentication before RDS connections are established?

Ans: Network Level Authentication

63. When considering GPO precedence between local GPO, default domain GPO, domain controller GPO, site GPO and OU GPOs, what GPOs are applied first?

Ans: local GPOs

64. What is the role of the svchost.exe process on a running system?

Ans: It is a vital process for running .dll files that provide a foundation for Windows operating systems.

65. What term is used to describe the number of bytes of memory a process has designated for use and that are promised to a designated portion of the page file?

Ans: Committed memory

66. What command can be run to perform a check of the C: drive and fix any errors found with the file system?

Ans: chkdsk /f C:\

67. You are utilizing BitLocker Drive Encryption, and are attempting to update Windows Server 2016. What must be done so that the update will be successful?

Ans: You must disable BitLocker Drive Encryption and then re-enable it after the update.

68. What statement regarding the Secure Socket Tunneling Protocol is NOT accurate?

Ans: SSTP is viewed as more secure than PPTP or L2TP because it encrypts using a 128-bit key.

69. What VPN tunneling protocol enables forwarding on the basis of MAC

addressing?

Ans: Layer Two Tunneling Protocol

70. What physical disk oriented performance counter should be used to determine the number of requests waiting to be processed by a disk?

Ans: Current Disk Queue Length