⬜ EASY (10 Questions)

Q1. What is the core function of Active Directory?
A. File compression
B. Centralized authentication
C. Disk partitioning
D. Backup scheduling

Q2. Which Windows service resolves hostnames to IP addresses?
A. DHCP
B. DNS
C. IPAM
D. NPS

Q3. Which hypervisor type is Hyper-V?
A. Type-2
B. Hosted
C. Type-1
D. Para-virtualized

Q4. Which PowerShell symbol represents a pipeline?
A. >
B. &
C. |
D. ::

Q5. Which IIS component isolates web applications?
A. Website
B. Virtual directory
C. Application Pool
D. Binding

Q6. Which protocol is used by RADIUS authentication?
A. TCP
B. UDP
C. ICMP
D. IPsec

Q7. Which Windows feature encrypts full disks?
A. EFS
B. NTFS
C. BitLocker
D. IPsec

Q8. Which IPv6 address is used for loopback?
A. fe80::1

B. ::
C. ::1
D. 2001::1

Q9. Which Exchange feature provides mailbox high availability?
A. Journaling
B. Transport Rules
C. DAG
D. POP3

Q10. Which tool forces immediate Group Policy update?
A. gpedit
B. gpmc
C. gpupdate /force
D. rsop

☐ MEDIUM (15 Questions)

Q11. Which FSMO role handles time synchronization?
A. RID Master
B. Schema Master
C. PDC Emulator
D. Infrastructure Master

Q12. Which DHCP process order is correct?
A. Offer → Discover → Request → ACK
B. Discover → Offer → Request → ACK
C. Discover → Request → Offer → ACK
D. Request → Discover → ACK → Offer

Q13. Which WDS image starts Windows Setup?
A. Install image
B. Capture image
C. Boot image
D. Discover image

Q14. Which NPS policy determines *who* can connect?
A. Connection Request Policy
B. Network Policy
C. Firewall Policy
D. Group Policy

Q15. Which Hyper-V feature supports disaster recovery?
A. Checkpoints

B. Replica
C. Dynamic Memory
D. SR-IOV

Q16. Which GPO processing order is correct?
A. OU-Site-Domain-Local
B. Site-Domain-OU-Local
C. Local-Site-Domain-OU
D. Domain-Local-OU-Site

Q17. Which Exchange record enables mail routing?
A. A
B. PTR
C. MX
D. SRV

Q18. Which file system is recommended for VM storage?
A. FAT32
B. exFAT
C. NTFS
D. ReFS

Q19. Which PowerShell cmdlet runs commands remotely?
A. Enter-PSSession
B. Invoke-Command
C. Start-Job
D. New-Job

Q20. Which DNS record is critical for AD logon?
A. A
B. MX
C. SRV
D. PTR

Q21. Which NLB affinity keeps a client on the same node?
A. None
B. Single
C. Network
D. Random

Q22. Which IIS error indicates an application pool stopped?
A. 404
B. 403
C. 500
D. 503

Q23. Which FSRM quota type blocks writes after limit?
A. Soft
B. Dynamic
C. Hard
D. Passive

Q24. Which VPN protocol uses HTTPS?
A. PPTP
B. L2TP
C. SSTP
D. IKEv2

Q25. Which IPv4 address indicates APIPA?
A. 10.0.0.0/8
B. 172.16.0.0/12
C. 192.168.0.0/16
D. 169.254.0.0/16

⬤ HARD (15 Questions)

Q26. Which AD attack uses forged Kerberos tickets?
A. Pass-the-Hash
B. Golden Ticket
C. LDAP Injection
D. DNS Spoofing

Q27. Why should DCs not host IIS?
A. Licensing issues
B. Storage overhead
C. Increased attack surface
D. Performance tuning

Q28. Which Hyper-V misconfiguration prevents VM boot?
A. VLAN tagging
B. Secure Boot mismatch
C. Dynamic memory
D. SR-IOV enabled

Q29. Why is WDS combined with MDT in enterprises?
A. Reduce DHCP usage
B. Add automation and task sequences
C. Replace AD
D. Improve PXE speed

Q30. Which NPS feature supports zero-trust integration?
A. DHCP
B. DNS
C. Azure MFA extension
D. IPAM

Q31. Why is SMB signing recommended?
A. Faster transfer
B. Prevent MITM attacks
C. Reduce bandwidth
D. Improve compression

Q32. Which Exchange misconfiguration breaks outbound mail flow?
A. Wrong MX record
B. Incorrect Send Connector
C. IIS stopped
D. Autodiscover failure

Q33. Why is split tunneling risky in VPNs?
A. Slower speed
B. Traffic leakage
C. Certificate failure
D. DNS issues

Q34. Which PowerShell practice improves security most?
A. Write-Host usage
B. Hardcoded passwords
C. Script signing
D. Disabled logging

Q35. Why should GPOs be tested before production deployment?
A. Reduce replication
B. Prevent enterprise-wide outages
C. Improve speed
D. Save storage

Q36. Which Windows feature protects LSASS credentials?
A. Secure Boot
B. BitLocker
C. Credential Guard
D. Defender

Q37. Which IPAM benefit is most critical in large networks?
A. Faster DNS
B. Centralized IP tracking

C. Higher bandwidth
D. Better encryption

Q38. Why are checkpoints not backups in Hyper-V?
A. No compression
B. Impact disk performance & consistency
C. No GUI
D. Require Internet

Q39. Which NLB alternative provides true failover?
A. DNS Round Robin
B. NLB
C. Failover Clustering
D. IPAM

Q40. Which enterprise security approach is most effective?
A. Antivirus only
B. Firewall only
C. Defense-in-depth
D. Open access