Windows Server Full LAB

- Create a domain environment with domain name (ABC.LOCAL) on a server with PDC as a computer name.
- Create separate OU for each department (HR, Sales, Finance, Dev, IT)
- Create users in each department, create separate groups for each department and add users to the department group.
- Configure password policy must change every 60 days, minimum length 6 digits with complex password and remember last 3 password.
- Force account lock for 1 hour after entering wrong password 4 times.
- Enable remote desktop connection for all machines in the domain.
- Prohibit access to all external storage, task manager, remove manage and properties from computer context menu and Control Panel.
- Create DHCP with scope start 192.168.1.40 to 192.168.1.230 /24 – also exclude range from IP address 80 to 85.
- Using DNS create a load balancing for www.abc.local on two IP Addresses 192.168.1.8 and 192.168.1.9.
- Configure DHCP failover on windows server core.
- Install Hyper-V role on Windows Server Core and create a Core VM and configure Hyper-V replica with the PDC server.
- Install Windows 10 for the client through WDS.
- Join this machine to domain and add Dev group as a local administrator.
- Create a folder shared for Dev and HR can create, edit but can't delete.
- Create a MAP network drive for Dev and HR department.
- Add Printer for all domain users with black and white printing only and they can use the printer from 9:00 am to 4:00 pm only.
- Make an Additional Domain Controller with an alternate DNS.
- Create a full server backup every day at 11:00 pm for the main server and the backup on the ADC.

Good Luck 😊

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