Home-Lab Network 1

VM Summary

VM Name	Role	Network Adapter(s)	IP Address(es)
Kali	Attacker (updates, scanning)	Lab-DMZ (NAT Network)	10.0.2.5
WebApp	Vulnerable web server (DVWA, phpMyAdmin)	Lab-DMZ (NAT Network) Host-Only (vboxnet0)	10.0.2.4 192.168.56.105
DC1	Domain Controller (AD DS, DNS)	Lab-Internal (Internal Net)	192.168.100.1
Win10	Domain-joined workstation	Lab-Internal (Internal Net)	192.168.100.10
FileSrv	SMB file server	Lab-Internal (Internal Net)	192.168.100.20

Network Descriptions

- **Host-Only (vboxnet0, 192.168.56.0/24)**
  Used for management traffic (SSH/RDP/file transfers) between your host and VMs.

- **Lab-DMZ (NAT Network, 10.0.2.0/24)**
  Simulates the "public" network. VMs here (WebApp, Kali) can reach the internet via the NAT gateway.

- **Lab-Internal (Internal Network, 192.168.100.0/24)**
  Simulates the protected internal network containing your core infrastructure (DC1, Win10, FileSrv). It has no direct internet or host-only connectivity.