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**Set a Static IP Address**

* Set IP address to: 10.0.2.10
* Subnet mask: 255.255.255.0
* Default gateway: 10.0.2.2
* Preferred DNS: 127.0.0.1

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Install AD DS and DNS Roles

* Opened Server Manager > Add Roles and Features
* Installed Active Directory Domain Services
* DNS Server was auto-selected and installed

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Promote Server to Domain Controller

* Chose Add a new forest and named domain corp.local
* Set up DSRM password
* Completed configuration and server auto-rebooted

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Post-Install Verification

* Logged back in as corp\Administrator
* Opened dsa.msc (Active Directory Users and Computers) – confirmed corp.local exists
* Checked C:\Windows\SYSVOL – confirmed replication folder created
* Confirmed domain name resolution works using ping corp.local
* ipconfig /all

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What I learned in this Lab

* How to set a static IP address for a Windows Server
* Installing and configuring Active Directory and DNS
* Promoting a server to a Domain Controller
* Verifying Active Directory setup using GUI and CLI