

# Domain Controller Setup

## Install AD DS and DNS:

- Go to **Server Manager > Manage > Add Roles and Features**
- Add "Active Directory Domain Services" and "DNS Server"
- Promote the server to a Domain Controller:
  - Choose "**Add a new forest**", name it (e.g., `lab.com`)

## Optional: Network Configuration for All VMs (If you are using Hyper-V):

- Attach each VM to the **LabSwitch** network
- Assign static IP addresses:
  - On each VM:
    - Go to **Network Adapter Properties > IPv4 > Properties**
    - e.g.:
      - IP Address: 10.0.1.X
      - Subnet: 255.255.255.0
      - Gateway: 10.0.1.1
      - DNS:
        - For DC: `127.0.0.1`, and `1.1.1.1`
        - All other VMs: `IP of DC`, and `1.1.1.1`

## Join All Machines to the Domain

---

Revision #3

Created 14 July 2025 17:04:02 by Admin

Updated 15 July 2025 22:18:53 by Admin