**Virtual box installation and Windows server 2022**

**Tools:**Virtual Box: [Downloads – Oracle VirtualBox](https://www.virtualbox.org/wiki/Downloads)  
Windows Server 2022:  [Windows Server 2022](https://www.virtualbox.org/wiki/Downloads)

1. **Download VirtualBox**:
   * Go to the VirtualBox download page and download the installer for your operating system.
   * Run the installer and follow the on-screen instructions to complete the installation.
2. **Download Windows Server 2022 ISO**:
   * Visit the Microsoft Evaluation Center to download the Windows Server 2022 ISO file. You might need to sign in with a Microsoft account.
3. **Create a New Virtual Machine**:
   * Open VirtualBox and click on “New”.
   * Enter a name for your virtual machine (e.g., “Windows Server 2022”).
   * Set the type to “Microsoft Windows” and the version to “Windows 2019 (64-bit)”.
   * Allocate at least 4 GB of RAM (4096 MB) and create a virtual hard disk of at least 50 GB.
4. **Configure the Virtual Machine**:
   * Select your new virtual machine and click on “Settings”.
   * Go to “Storage” and click on the empty optical drive. Click on the disk icon and choose “Choose a disk file”. Select the Windows Server 2022 ISO file you downloaded.
   * Adjust any other settings as needed (e.g., network, system).
5. **Install Windows Server 2022**:
   * Start the virtual machine by clicking “Start”.
   * Follow the installation wizard. Choose the “Custom: Install Windows only (advanced)” option.
   * Select the virtual hard disk and click “Next” to start the installation.
   * Once the installation is complete, set a strong password for the administrator account.
6. **Install VirtualBox Guest Additions**:
   * After logging in, go to the “Devices” menu in VirtualBox and select “Insert Guest Additions CD image”.
   * Follow the prompts to install the Guest Additions, which will improve performance and enable additional features like full-screen mode.