Windows 11 Virtual Machine Setup (VirtualBox)
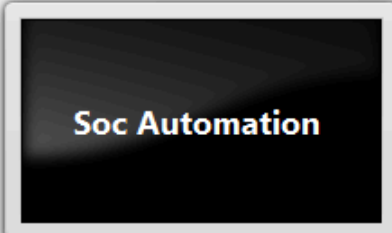
This section describes how to create the monitored Windows 11 endpoint used for attack simulation.

Steps:

1. Install VirtualBox from virtualbox.org

2. Create a new virtual machine

    ○ Name: Windows 11 Lab

    ○ ISO Image: Windows 11 installation ISO

    ○ RAM: 4–8 GB

    ○ CPUs: 2–4

    ○ Storage: 60 GB

    ○ Enable EFI

3. Install Windows normally

4. Install VirtualBox Guest Additions

    ○ Enables copy/paste

    ○ Enables auto-resize

    ○ Enables drag-and-drop

5. Update Windows and reboot

The VM is now ready for Sysmon installation.