**Windows 11 Template**

1. Download ISO files
   1. Downs windows11 iso
   2. Download window drivers iso
2. Create VM - <https://hackmd.io/@gwalchmei/SJxJcJ7WR>
   1. General
      1. Node: pve1
      2. Vm id: 4000
      3. Name: Windows11Template
   2. OS
      1. Storage: Localhost
      2. Image: windows11
      3. Type: Microsoft
      4. Version: 2025
   3. System
      1. Machine: q35
      2. BIOS: OVMF
      3. SCSI Controller: Virtio
      4. TPM: yes
      5. EFI: yes
   4. Disk
      1. Bus/Device: SCSI
      2. Controller: Virtio SCSI
      3. Storage: local-lvm
      4. Disk Size: 64
      5. Cache: No
      6. IO Thread: yes
   5. CPU
      1. Sockets: 2
      2. Cores: 2
      3. Type: x86-64-v2-AES
   6. Memory
      1. 4096
   7. Network
      1. Bridge: Vmbro0
      2. Model: Intel E1000
3. Windows Setup
   1. Timezone, Region, Language
   2. Product key
   3. Windows11 Pro
   4. Custom install
4. Set driver
   1. vioscsi -> w11 -> amd64
5. Finish setup
6. Install MySQL
   1. **Download MySQL Installer**
      1. Go to [MySQL Community Downloads](https://dev.mysql.com/downloads/installer/)
      2. Download **MySQL Installer for Windows**
   2. **Install MySQL**
      1. Run the installer.
      2. Choose **Custom Installation** and select:
         1. **MySQL Server**
         2. **MySQL Workbench** (optional)
         3. **MySQL Shell**
   3. **Secure MySQL**
      1. Set root password.
         1. P@SSWORD!
      2. Allow localhost access only.
      3. Create a default database and user:
         1. Open **MySQL Shell**.
         2. \connect root@localhost
         3. \sql

CREATE DATABASE classdb;

CREATE USER 'classuser'@'localhost' IDENTIFIED BY 'P@SSWORD!';

GRANT ALL PRIVILEGES ON classdb.\* TO 'classuser'@'localhost';

FLUSH PRIVILEGES;

SHOW DATABASES;

* 1. **Enable MySQL Service on Startup**

Powershell

* + 1. sc.exe config MySQL80 start= auto
    2. net start MySQL80

1. Prep for Template conversion
   1. C:\Windows\System32\Sysprep\sysprep.exe /shutdown /oobe
   2. Running /generalize creates all sorts of issues but can be worked around if really needed.