# Install Magento 2 with docker

1. Download Docker Desktop from [Click Here](https://www.docker.com/products/docker-desktop/).
2. Install docker desktop as administrator.

Graphical user interface, text, application, email

Description automatically generated

After installation, please restart the system and open docker after restart

1. Open command prompt
2. Now run command **wsl --update** to update wsl**.**
3. run command **wsl -l -o**

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This will give you the list of distribution versions that can be installed.

1. Run **wsl --list --verbose**

This will provide you the wsl integration distribution installed on system.

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1. If Ubuntu is not installed run

**wsl --install -d Ubuntu-22.04**

1. Now you can check by **wsl –list --verbose**
2. Now open **Ubuntu-22.04** from search
3. Open **./bashrc** in Ubuntu Terminal

**nano ~/.bashrc**

1. Add below lines at the end of the file

#wsl2 configuration

alias docker=docker.exe

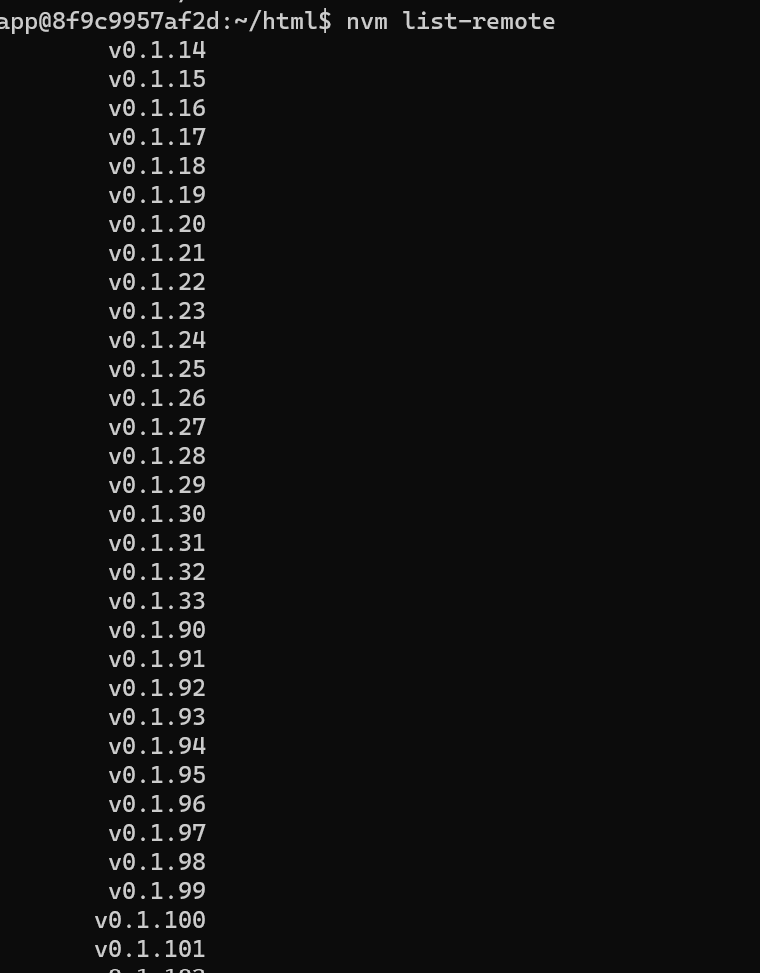
alias docker-compose=docker-compose.exe

alias xbdl= "cd /mnt/c/Users/<username>/Sites/local.xbdl.com"

1. Run **source ~/.bashrc** on linux terminal
2. Open **This PC -> Network -> For Public Network**
   1. **Set Network Discovery: OFF**
   2. **Set File and printer sharing: ON**
3. run command **mkdir -p /mnt/c/Users/<username>/Sites/local.xbdl.com**
4. run command **cd /mnt/c/Users/<username>/Sites/local.xbdl.com**
5. run command **curl -s https://raw.githubusercontent.com/markshust/docker-magento/master/lib/template | bash**
6. if getting any issue after running above commands then remove **.git** from folder **/mnt/c/Users/<username>/Sites/local.xbdl.com**

run command **rm -rf .git/**

1. If getting permission issue on folder then run command **chown -R <system user name>:< system user name> ./local.xbdl.com**
2. Run **git clone** [**https://msftdevicespartners.visualstudio.com/Montebello/\_git/Montebello**](https://msftdevicespartners.visualstudio.com/Montebello/_git/Montebello) **src**
3. run command **cp -R ../xbdl/env.php src/app/etc** // file path for env.php
4. run command **bin/start --no-dev**
5. run command **bin/copytocontainer –all**
6. run command **bin/cli bash**
7. run **composer install** command in bash
8. run command **exit** in current bash
9. run command **bin/copyfromcontainer –all**
10. run command **bin/mysql < ../xbdl/stage.sql** //sql file path
11. run command **bin/magento app:config:import**
12. run command **bin/setup-domain local.xbdl.com**
13. run command **bin/restart**
14. run command **bin/cli bash**
15. run command **ls -la ~ | more** (if no **.bashrc** file exit run **touch ~/.bashrc**)
16. run command **curl -o-** [**https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.3/install.sh**](https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.3/install.sh)
17. run command **curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.3/install.sh | bash**
18. run command **source ~/.bashrc**
19. run command **nvm list-remote**



1. run command **nvm install 12.13.0**
2. run command **nvm use 12**
3. run command **npm --prefix vendor/gorilla/m2-frontend-tools/ i**
4. run command **npm --prefix vendor/gorilla/m2-frontend-tools/ run setup**
5. run command **exit**
6. run command **bin/magento s:up**
7. run command **bin/magento s:d:c**
8. run command **bin/magento s:s:d en\_US -f** (for US store)
9. run command **bin/cli bash**
10. run command **npm --prefix vendor/gorilla/m2-frontend-tools/ run styles**
11. run command **exit**
12. run command **bin/magento c:f**
13. Open **local.xbdl.com**
14. **Open C:\Windows\System32\drivers\etc\hosts**
15. **Add 127.0.0.1 local.xbdl.com**