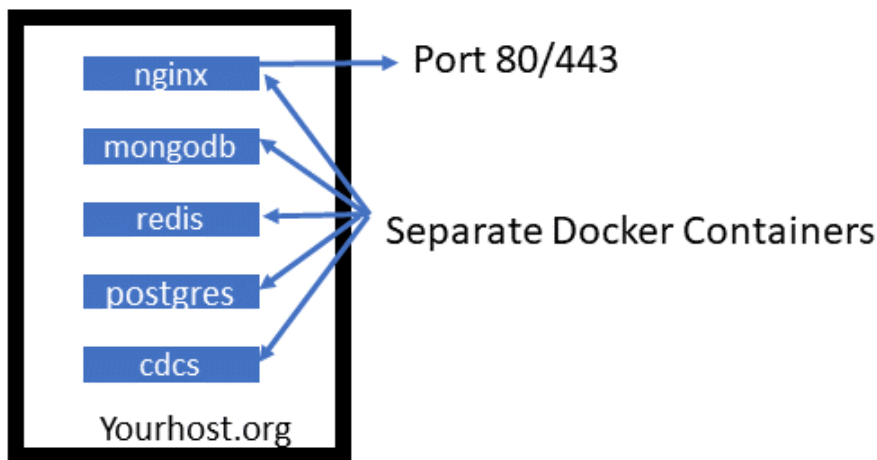# Downloads

Sample Docker Deployment for MDCS and NMRR
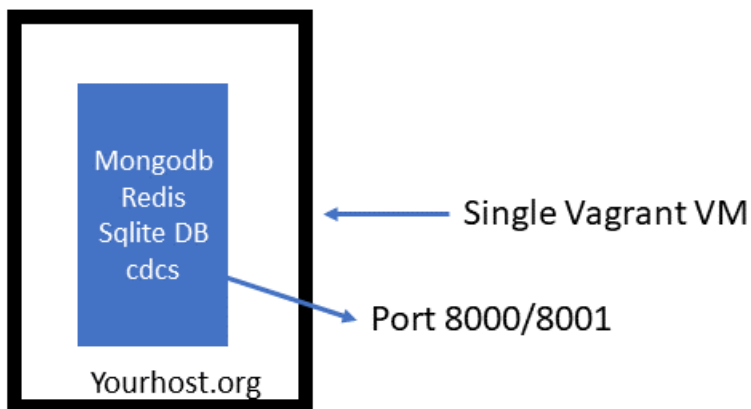
1. Install Docker Engine:
    - Docker Community install can be found here, install for your system.
2. Install docker-compose:
    - To install docker-compose, please follow the instructions located here.
3. Click to download Docker Sample Deploy - See README in tar file

Sample Vagrant Deploy of MDCS and NMRR

1. Download & install virtual box here
2. Download & install vagrant here
3. Vagrant Sample Deploy of MDCS and NMRR
    1. Download MDCS or NMRR (Only 1 from be1ow) and unzip/untar
        i. MDCS Zip Version
        ii. MDCS Tar Version
        iii. NMRR Zip Version
        iv. NMRR Tar Version
    2. Start a terminal window
    3. Navigate to downloaded vagrant folder
        i. cd vagrant (should see: vagrant-config/   Vagrantfile)
    4. boot up vagrant
        i. vagrant up   (First time take up to 20 minutes to build)
    5. Once up navigate in your browser to:
        i. http://192.168.44.20:8000/   for MDCS
        ii. http://192.168.44.21:8001/   for NMRR

6. To get to the VM, do:
   i. vagrant ssh (you will see source directory you can change and config directory)
7. To load Data:
   i. cd into the config/data directory
   ii. ./loadata
8. To load xslts:
   i. ./loadxsl
9. You can then log in on the webpage using your user/pass from our VMs. (default is admin/admin)
10. To get rid of VM.
    • vagrant destroy   (can then do a vagrant up to rebuild)

Mongodb
Redis
Sqlite DB
cdcs

Yourhost.org

Single Vagrant VM ←

Port 8000/8001 →

5. Vagrant Sample Deploy of MDCS for Developers

(** Note: You have to be running an X server on your machine for this to work, for macs – Xquartz will work)

a) Download and unzip Developer vagrant file:
   i) Zip Version
   ii) Tar Version
b) Start a terminal window
c) Navigate to downloaded vagrant folder
   i) cd vagrant (should see vagrant-config/ Vagrantfile)
d) boot up vagrant
   i) vagrant up   (First time take up to 20 minutes to build)
                       ...will take a while to build first time, when done:
      • vagrant ssh -- -X -Y   (This allows X Communications)

      ....you will see these directories

               config/   - Mounted from local system, configs

               logs/   - All logs, celery, mongo,

mongo/   - Mongo configs, data and create user scripts

pycharm-community-2020.2.3/   - Pycharm Code

PycharmProjects/ -   Contains MDCS project

workspace/ - Pycharm workspace, contains all source code

$ pycharm &   (Run in Background)

1. Accept terms

☑ I confirm that I have read and accept the terms of this User Agreemen

Exit

2. Click Don't send

Don't Send   Send Anony

3) Click Skip Remaining and set Defaults

Skip Remaining and Set Defaults   Next: Launcher Script
Screenshot

4) Click Configure (bottom right)   Then "Import Settings"

5) From directory listing – Select /home/vagrant/config/pycharm_settings.zip

Then select "OK", then "Restart"

6) Click "Open" when PyCharm GUI comes up

- point it to: /home/vagrant/PycharmProjects
- Click Close on tipps of the day
- Then click "File" , "Open
  - point it to: /home/vagrant/workspace
  - choose "this window"
  - Will take a while to load and index....see bottom screen
    messages till indexing done....

Now Run these Once to configure: (configurations in PyCharm)
 Configuration: Run "Migrate auth"
                 Run "Migrate"
                 Run "Compile Messages"
                 Run "CollectStatic"
                 Run "Load Users"

Now you can run the MDCS app:

   Run "Run MDCS"

On a browser (Chrome) on your local system, go to:

   http://192.168.44.20:8000/

In a terminal window, populate the instance with the data.

   $ cd /home/vagrant/config/data
   $ source loadata

To run MongoChef to look in mongodb

   $ mongochef&   (run in background)
   click "Connect"
   click "New Connection"
   enter a name for connection - MDCS
   click "Save"
   click "Connect"   and you are on the DB