Hyper-V

> `docker` `image` `vim` `screen` `wget` `curl` `lrzsz`

`docker`

```
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
tomcat              8.5.50-jdk8         6fa48e047721        3 days ago          507MB
tomcat              8.5.50-jdk11        f425297f8aa7        3 days ago          624MB
rabbitmq            3.8.1               843e6712e712        6 weeks ago         150MB
openjdk             11                  a7e47afa852b        8 weeks ago         605MB
mysql               5.7.28              cd3ed0dfff7e        2 months ago        437MB
nginx               1.16.1              b50b08c36b60        2 months ago        126MB
openjdk             8                   e8d00769c8a8        3 months ago        488MB
ansible/ansible     centos7             0731001e75a9        2 years ago         669MB
```

`IP` `10.44.111.123` `255.255.255.0` (`24`) `10.44.111.1`

- `develop` / `develop`
- `eth0`

```
[develop@adsl-172-10-0-101 ~]$ sudo vim /etc/sysconfig/network-scripts/ifcfg-eth0
#

TYPE="Ethernet"
PROXY_METHOD="none"
BROWSER_ONLY="no"
BOOTPROTO="none"
DEFROUTE="yes"
IPV4_FAILURE_FATAL="no"
IPV6INIT="yes"
IPV6_AUTOCONF="yes"
IPV6_DEFROUTE="yes"
IPV6_FAILURE_FATAL="no"
```

```
IPV6_ADDR_GEN_MODE="stable-privacy"
NAME="eth0"
UUID="d4c2b640-0314-44ff-83f6-9926d49fefe1"
DEVICE="eth0"
ONBOOT="yes"
IPADDR="10.44.111.123"
PREFIX="24"
GATEWAY="10.44.111.1"
DNS1="180.76.76.76"
IPV6_PRIVACY="no"

#        IP,     ,   ;    : IPADDR PREFIX GATEWAY
#       Shift + :    --->    wq    ---> Enter
```

- ```
  #
  sudo systemctl restart network
  #   ip
  ip a
  ```

root	2019@eagle
develop	develop

> **nginx-html-path:** `/home/develop/html/`

`$PWD` `/home/develop`

`nginx`

`ssh` `XShell`

- `docker` `nginx`

```
docker run -id -v $PWD/html:/usr/share/nginx/html --name nginx -p 80:80 --
restart=always nginx:1.16.1
# -id           ,
# -v        nginx          html           (/etc/nginx/nginx.conf)    (/var/log/nginx/)
```
```

```
# --name nginx
# -p
# --restart=always
```

- ```
  [develop@adsl-172-10-0-101 ~]$ sudo firewall-cmd --zone=public --add-port=80/tcp --permanent
  [develop@adsl-172-10-0-101 ~]$ sudo firewall-cmd --reload
  #   `nginx`
  [develop@adsl-172-10-0-101 ~]$ docker container restart nginx
  ```

- ```
  [develop@adsl-172-10-0-101 ~]$ sudo chown develop:develop $PWD/html
  ```

- ```
  [develop@adsl-172-10-0-101 ~]$ touch $PWD/html/index.html
  ```

- ```
  [develop@adsl-172-10-0-101 ~]$ wget 127.0.0.1
  --2019-12-17 15:47:06--  http://127.0.0.1/
      127.0.0.1:80...
     HTTP         ... 200 OK
    0 [text/html]
      : “index.html”

     [
  <=>
  ] 0           --.-K/s    0s

  2019-12-17 15:47:06 (0.00 B/s) -     “index.html” [0/0])

  [develop@adsl-172-10-0-101 ~]$
  #
  ```

- `display-page.zip` `$PWD/html`

  ```
  [develop@adsl-172-10-0-101 ~]$ mv display-page.zip $PWD/html
  [develop@adsl-172-10-0-101 ~]$ cd $PWD/html && unzip display-page.zip
  ```

mysql

- docker mysql

```
docker run -id --restart=always -e MYSQL_ROOT_PASSWORD=2019@eagle --name mysql -v
/mysql/data: /var/lib/mysql -v /etc/localtime: /etc/localtime -p 3306: 3306 mysql: 5. 7. 28
# -e       mysql    2019@eagle
```

- ```
  [develop@adsl-172-10-0-101 ~]$ sudo firewall-cmd --zone=public --add-port=3306/tcp --
  permanent
  [develop@adsl-172-10-0-101 ~]$ sudo firewall-cmd --reload
  #    `mysql`
  [develop@adsl-172-10-0-101 ~]$ docker container restart mysql
  ```

- `mysql`

netstat -ntulp | grep 80 netstat -ntplu | grep docker

Revision #2
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Updated 20 March 2020 14:55:11 by
  ```