

# 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`

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Revision #2

Created 16 March 2020 04:48:25 by

Updated 20 March 2020 14:55:11 by