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- Appliance ??? <http://www.zimbra.com/downloads/zca-downloads.html>
- ?????? License file (ZCSLicense.xml)

????

1. ????? Console????????????username ? vmware
2. ? Console ???? IP & ???
3. ?? Login???????vmware / <??????>???????
4. ????????
5. ???? : https://123.123.123.123:5480/?vmware / <??????>?
6. ??????????????
 - ? Hostname
 - ? ?????
 - ? ???????
 - ? ?????????????????????????????????????
7. ?????????????????????????
8. ?? Zimbra Administration ?????????????
 - ?????????? <https://123.123.123.123:7071>??????????
 - ??????????

?? Zimbra

?? SSH ??

<http://pario.no/2008/05/21/using-ufw...buntu-804-lts/>

```
#ufw allow ssh/tcp
```

```
?? MX ????
```

```
#host -t mx osslab.co.cc
osslab.co.cc mail is handled by 0 mail.osslab.co.cc.
```

```
#host -t a mail.osslab.co.cc
mail.osslab.co.cc has address 211.72.203.62
```

```
????? ufw
```

```
?? /etc/ufw/before.rules??????
```

...

```
# enable zimbra ports
```

- ```
-A ufw-before-input -m state --state NEW -m tcp -p tcp --dport 25 -j ACCEPT
-A ufw-before-input -m state --state NEW -m tcp -p tcp --dport 80 -j ACCEPT
-A ufw-before-input -m state --state NEW -m tcp -p tcp --dport 110 -j ACCEPT
```

```
-A ufw-before-input -m state --state NEW -m tcp -p tcp --dport 143 -j ACCEPT
-A ufw-before-input -m state --state NEW -m tcp -p tcp --dport 443 -j ACCEPT
-A ufw-before-input -m state --state NEW -m tcp -p tcp --dport 465 -j ACCEPT
-A ufw-before-input -m state --state NEW -m tcp -p tcp --dport 993 -j ACCEPT
-A ufw-before-input -m state --state NEW -m tcp -p tcp --dport 995 -j ACCEPT
-A ufw-before-input -m state --state NEW -m tcp -p tcp --dport 7071 -j ACCEPT
-A ufw-before-input -m state --state NEW -m tcp -p tcp --dport 5480 -j ACCEPT
```

...

?????

ufw disable

ufw enable

???

Zimbra ??

NOTE: ?????????? su - zimbra?

???????

\$zmcontrol status

Host mail.osslab.co.cc

|           |         |
|-----------|---------|
| antispam  | Running |
| antivirus | Running |
| convertd  | Running |
| ldap      | Running |
| mailbox   | Running |
| mta       | Running |
| spell     | Running |
| stats     | Stopped |

??/?????

????

\$zmcontrol stop

\$zmcontrol start

Stats ??

\$ zmstatctl start

Invoking: /opt/zimbra/libexec/zmstat-proc

Invoking: /opt/zimbra/libexec/zmstat-cpu

Invoking: /opt/zimbra/libexec/zmstat-vm

Invoking: /opt/zimbra/libexec/zmstat-io -x

Invoking: /opt/zimbra/libexec/zmstat-df

Invoking: /opt/zimbra/libexec/zmstat-io

Invoking: /opt/zimbra/libexec/zmstat-fd

Invoking: /opt/zimbra/libexec/zmstat-allprocs

Invoking: /opt/zimbra/libexec/zmstat-mysql

Invoking: /opt/zimbra/libexec/zmstat-convert  
 Invoking: /opt/zimbra/libexec/zmstat-mtaqueue

??????

ufw ???

??/?????

ufw disable

ufw enable

???????

iptables -L -n

ufw status

## FAQ

Q:??????Webmail ????????????

Ans??? /var/log/messages??????????

Mar 20 13:55:58 mail kernel: [58142.842903] [UFW BLOCK INPUT]: IN=eth0 OUT=MAC=00:0c:29:79:64:aa:00:90:1a:48:cb:fe:08:00 SRC=111.111.111.111 DST=222.222.222.222 LEN=60 TOS=0x00 PREC=0x00 TTL=56 ID=9315 DF PROTO=TCP SPT=32903 DPT=443 WINDOW=5840 RES=0x00 SYN URGP=0

Mar 20 13:56:01 mail kernel: [58145.832682] [UFW BLOCK INPUT]: IN=eth0 OUT=MAC=00:0c:29:79:64:aa:00:90:1a:48:cb:fe:08:00 SRC=111.111.111.111 DST=222.222.222.222 LEN=60 TOS=0x00 PREC=0x00 TTL=56 ID=9317 DF PROTO=TCP SPT=32903 DPT=443 WINDOW=5840 RES=0x00 SYN URGP=0

?? 111.111.111.111 ???????IP????? iptables ??????????????????????????????

?????

#ufw disable

Q: <https://xxx:5480/> ????

Ans??? Zimbra ??

su - zimbra

zmcontrol stop

zmcontrol start

????

- MX ? MTA ??? <http://www.mxtoolbox.com/>
- ufw ???

- ? <https://help.ubuntu.com/community/UFW>
- ? [http://wiki.zimbra.com/wiki/Firewall\\_Configuration](http://wiki.zimbra.com/wiki/Firewall_Configuration)
- ???????
  - ? [Installing Zimbra 5.0.9 NE on RHEL5/Centos](#)
  - ? [Ubuntu 8.04 LTS Server \(Hardy Heron\) Install Guide](#)
  - ? [How To Install Zimbra Collaboration Suite \(ZCS\) On Ubuntu](#)
  - ? [Installing Zimbra Collaboration Suite 7 On CentOS 5.x \(64Bit\)](#)
- ZCS Troubleshooting
  - ? <http://baiying.blog.51cto.com/1068039/742675>
- Zimbra ??????[http://www2.linuxyes.com/tw/modules/...hp?form\\_id=233](http://www2.linuxyes.com/tw/modules/...hp?form_id=233)