

PROXY SQUID

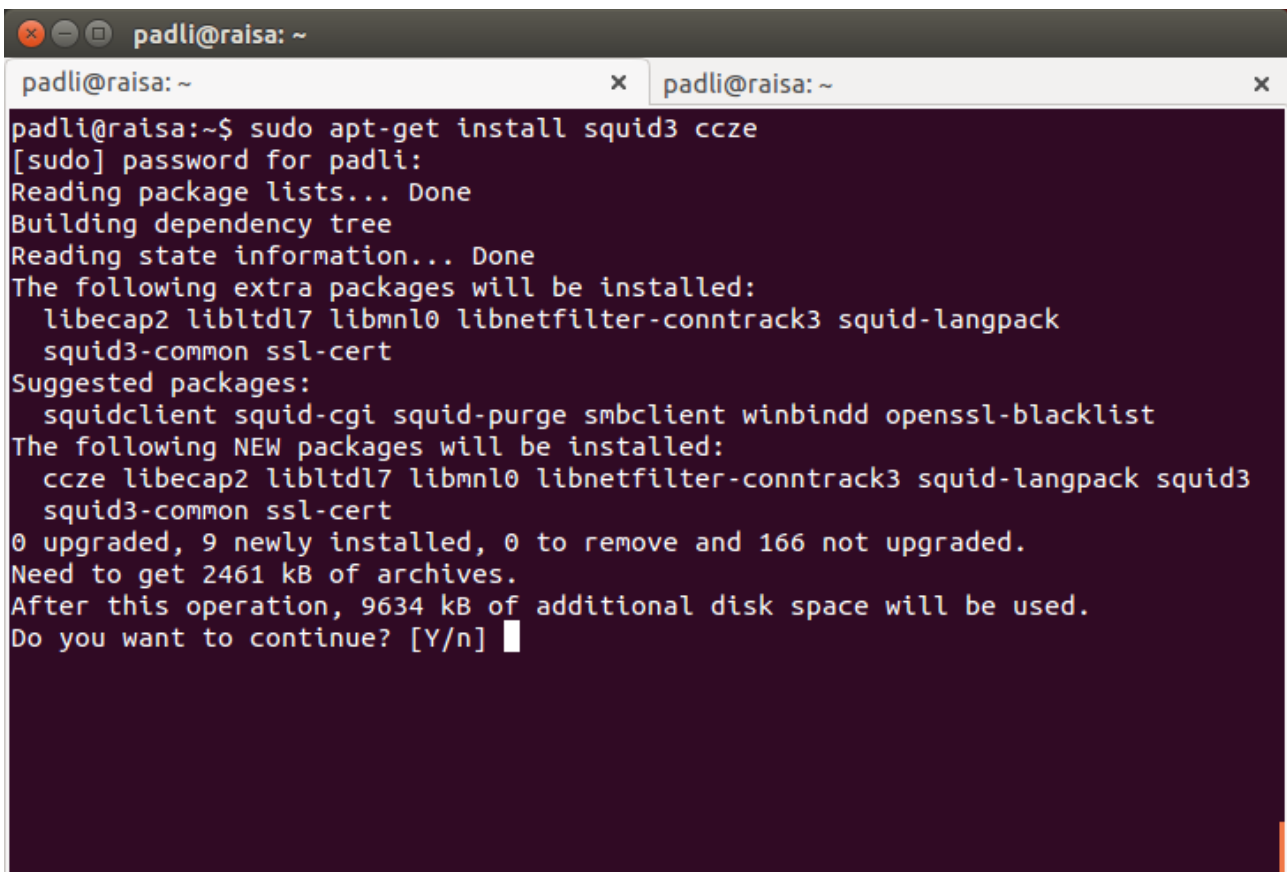
WAN - PROXY - LAN

WAN → 192.168.100.1

PROXY → eth0 192.168.100.10 eth1 192.168.2.1

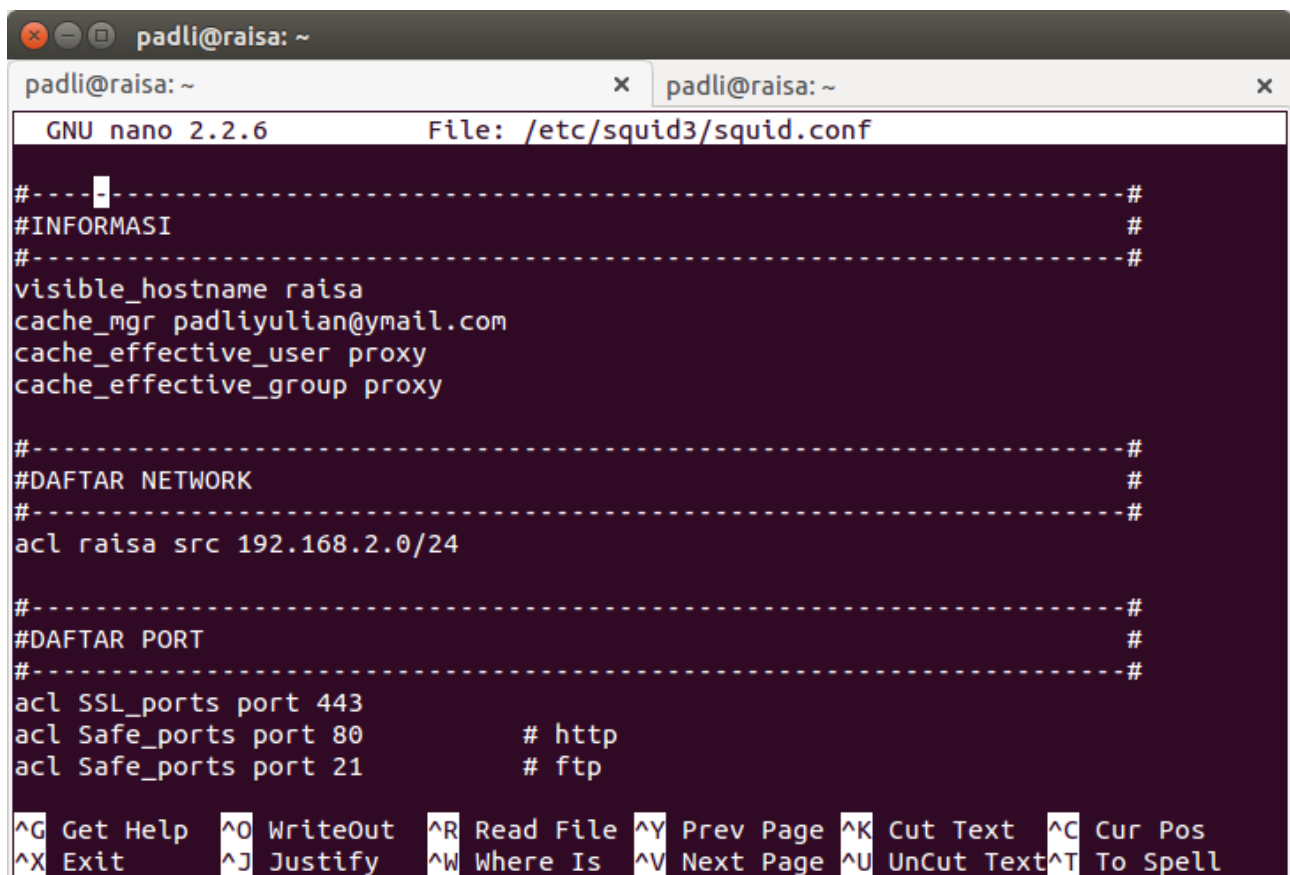
LAN → 192.168.2.0/24

1. (after set router)install squid3 & ccze

A terminal window titled 'padli@raisa: ~' with two tabs. The active tab shows the command 'sudo apt-get install squid3 ccze' and its output. The output indicates that several extra packages will be installed along with the requested ones, and that 9 new packages will be installed. It also shows the disk space requirements and asks for confirmation to continue.

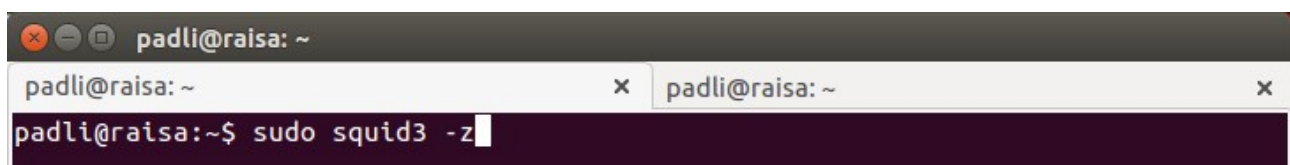
```
padli@raisa:~$ sudo apt-get install squid3 ccze
[sudo] password for padli:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  libcap2 libltdl7 libmnl0 libnetfilter-conntrack3 squid-langpack
  squid3-common ssl-cert
Suggested packages:
  squidclient squid-cgi squid-purge smbclient winbindd openssl-blacklist
The following NEW packages will be installed:
  ccze libcap2 libltdl7 libmnl0 libnetfilter-conntrack3 squid-langpack squid3
  squid3-common ssl-cert
0 upgraded, 9 newly installed, 0 to remove and 166 not upgraded.
Need to get 2461 kB of archives.
After this operation, 9634 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

2. set "nano /etc/squid3/squid.conf"



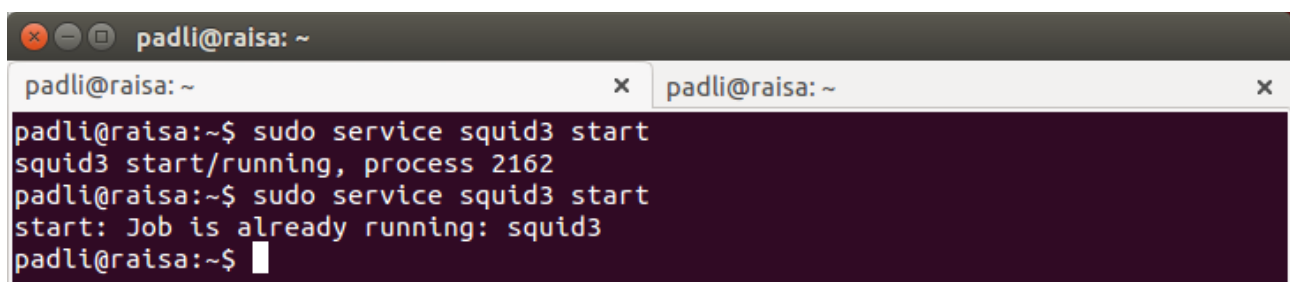
```
padli@raisa: ~  
GNU nano 2.2.6 File: /etc/squid3/squid.conf  
#-----#  
#INFORMASI#  
#-----#  
visible_hostname raisa  
cache_mgr padliyulian@ymail.com  
cache_effective_user proxy  
cache_effective_group proxy  
  
#-----#  
#DAFTAR NETWORK#  
#-----#  
acl raisa src 192.168.2.0/24  
  
#-----#  
#DAFTAR PORT#  
#-----#  
acl SSL_ports port 443  
acl Safe_ports port 80      # http  
acl Safe_ports port 21      # ftp  
  
^G Get Help  ^O WriteOut  ^R Read File  ^Y Prev Page  ^K Cut Text   ^C Cur Pos  
^X Exit      ^J Justify   ^W Where Is  ^V Next Page  ^U UnCut Text ^T To Spell
```

3. set cache dir



```
padli@raisa: ~  
padli@raisa:~$ sudo squid3 -z
```

4. start service squid3



```
padli@raisa: ~  
padli@raisa:~$ sudo service squid3 start  
squid3 start/running, process 2162  
padli@raisa:~$ sudo service squid3 start  
start: Job is already running: squid3  
padli@raisa:~$
```

5. set "nano /etc/rc.local"

```
padli@raisa: ~
GNU nano 2.2.6 File: /etc/rc.local

#!/bin/sh -e
#
# rc.local
#
# This script is executed at the end of each multiuser runlevel.
# Make sure that the script will "exit 0" on success or any other
# value on error.
#
# In order to enable or disable this script just change the execution
# bits.
#
# By default this script does nothing.

iptables -t nat -A POSTROUTING -s 192.168.2.0/24 -o eth0 -j MASQUERADE
iptables -t nat -A PREROUTING -s 192.168.2.0/24 -p tcp --dport 80 -j REDIRECT --to-ports 3128

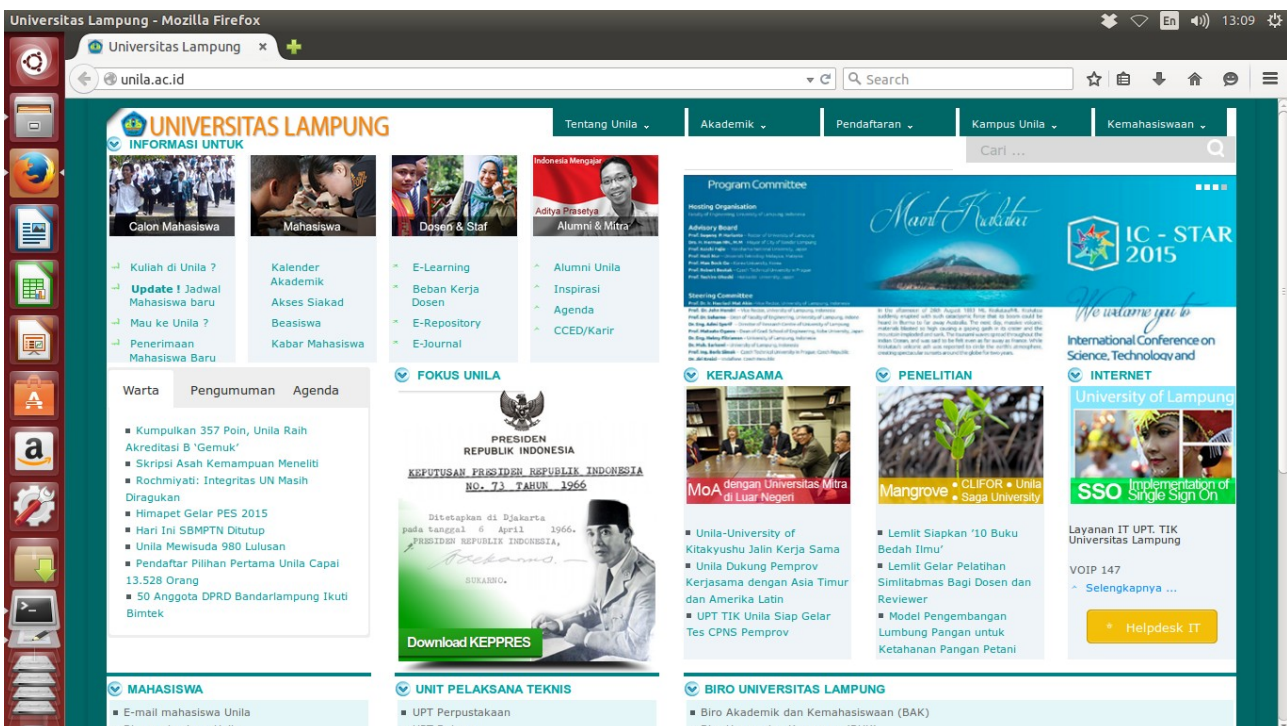
exit 0

^G Get Help      ^O WriteOut      ^R Read File     ^Y Prev Page     ^K Cut Text       ^C Cur Pos
^X Exit          ^J Justify       ^W Where Is     ^V Next Page     ^U UnCut Text    ^T To Spell
```

6. reboot proxy

```
padli@raisa: ~
padli@raisa:~$ sudo reboot
```

7. tes browsing client



8. cek log squid

```
root@raisa: /home/padli
.css? - HIER_NONE/- text/css
1433139289.148      0 192.168.2.5 TCP_MEM_HIT/200 3972 GET http://www.unila.ac.i
odes.css? - HIER_NONE/- text/css
1433139289.148      0 192.168.2.5 TCP_MEM_HIT/200 11498 GET http://www.unila.ac.
rtcodes.css? - HIER_NONE/- text/css
1433139289.151      0 192.168.2.5 TCP_MEM_HIT/200 4421 GET http://www.unila.ac.i
n/javascript
1433139289.151      0 192.168.2.5 TCP_MEM_HIT/200 7327 GET http://www.unila.ac.i
ion/javascript
1433139289.151      2 192.168.2.5 TCP_MEM_HIT/200 15293 GET http://www.unila.ac.
des.css? - HIER_NONE/- text/css
1433139289.151      0 192.168.2.5 TCP_MEM_HIT/200 15145 GET http://www.unila.ac.
cation/javascript
1433139289.152      3 192.168.2.5 TCP_MEM_HIT/200 55289 GET http://www.unila.ac.
? - HIER_NONE/- text/css
1433139289.155      0 192.168.2.5 TCP_MEM_HIT/200 12501 GET http://www.unila.ac.
on/javascript
1433139289.155      0 192.168.2.5 TCP_MEM_HIT/200 2198 GET http://www.unila.ac.i
1433139313.130     143 192.168.2.5 TCP_MISS/304 400 GET http://www.unila.ac.id/wp
-content/uploads/2015/05/Akreditasi-Unila.jpg - HIER_DIRECT/103.3.46.5 image/jpe
g
1433139313.152     154 192.168.2.5 TCP_MISS/304 399 GET http://www.unila.ac.id/wp
-content/uploads/2015/05/BG-SNMPTN.png - HIER_DIRECT/103.3.46.5 image/png
```

Dok 01/06/2015 padliyulian@ymail.com