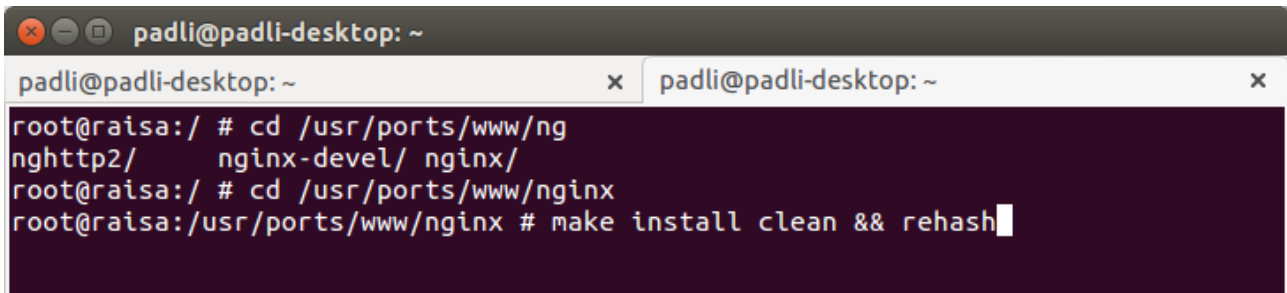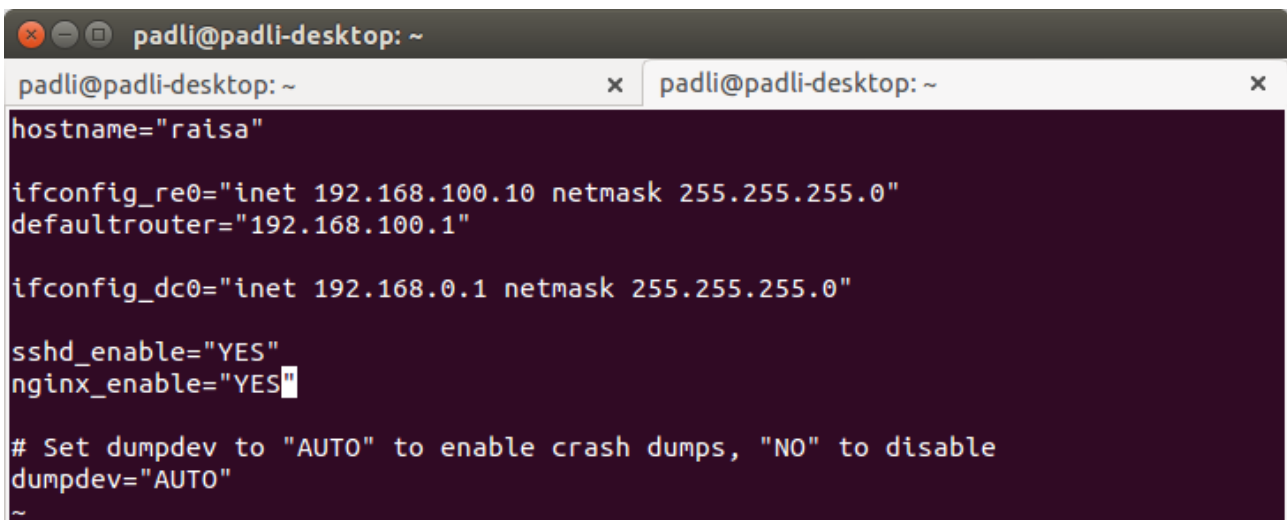# INSTALL NGINX WEB SERVER

1. "cd /usr/ports/www/nginx" && "make install clean && rehash" config sesuaikan

dengan kebutuhan.
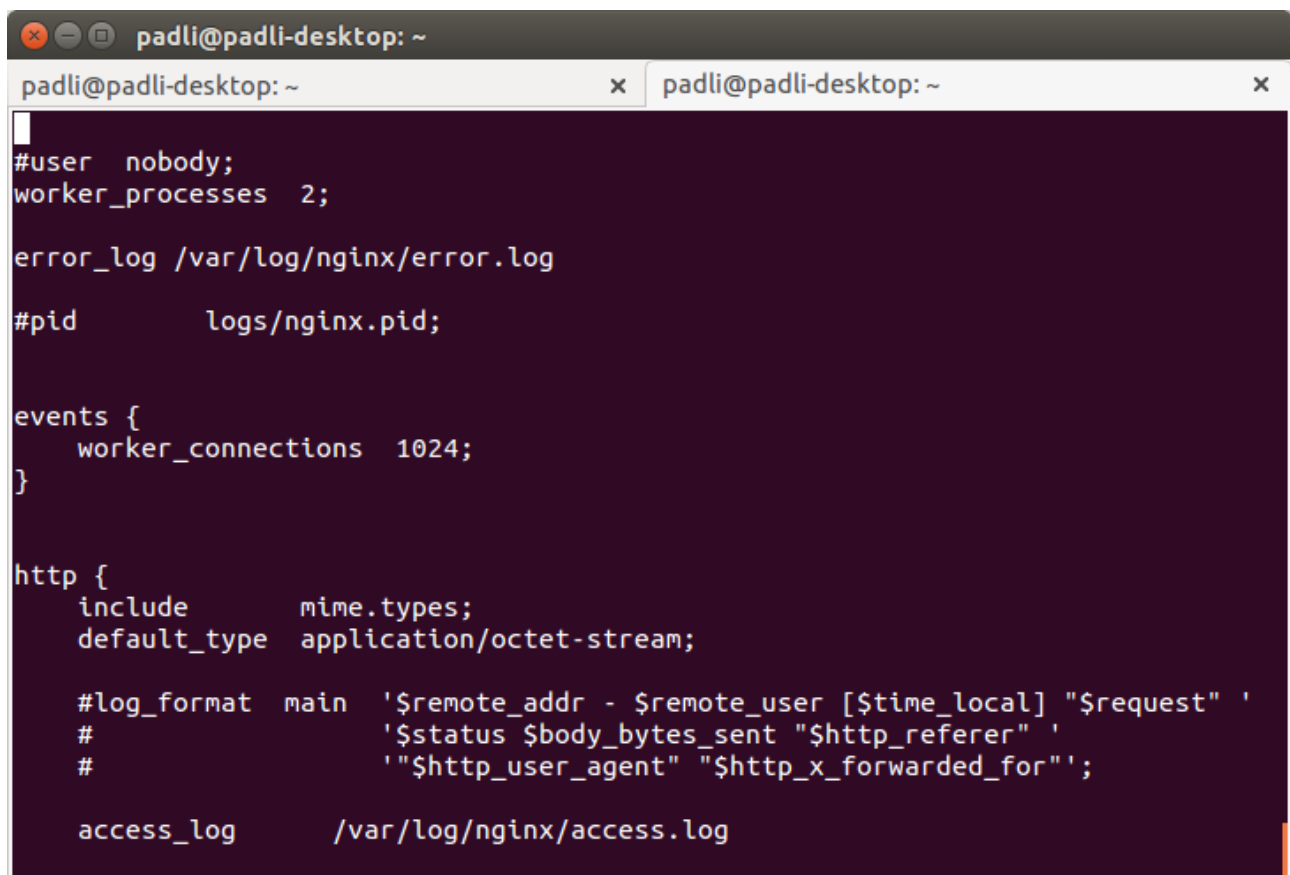
```
root@raisa:/ # cd /usr/ports/www/ng
nghttp2/      nginx-devel/ nginx/
root@raisa:/ # cd /usr/ports/www/nginx
root@raisa:/usr/ports/www/nginx # make install clean && rehash
```

2. edit "vi /etc/rc.conf" tambahkan baris "nginx_enable="YES"" save

```
hostname="raisa"

ifconfig_re0="inet 192.168.100.10 netmask 255.255.255.0"
defaultrouter="192.168.100.1"

ifconfig_dc0="inet 192.168.0.1 netmask 255.255.255.0"

sshd_enable="YES"
nginx_enable="YES"

# Set dumpdev to "AUTO" to enable crash dumps, "NO" to disable
dumpdev="AUTO"
~
```

3. edit "vi /usr/local/etc/nginx/nginx.conf" sesuaikan dengan kebutuhan.

```
#user  nobody;
worker_processes  2;

error_log /var/log/nginx/error.log

#pid        logs/nginx.pid;


events {
    worker_connections  1024;
}


http {
    include       mime.types;
    default_type  application/octet-stream;

    #log_format  main  '$remote_addr - $remote_user [$time_local] "$request" '
    #                  '$status $body_bytes_sent "$http_referer" '
    #                  '"$http_user_agent" "$http_x_forwarded_for"';

    access_log      /var/log/nginx/access.log
```

Tambahkan : worker_processes 2; (cek jumlah core cpu anda "sysctl hw.ncpu")

        error_log /var/log/nginx/error.log;

        access_log /var/log/nginx/access.log;

        uncomment script deny .htaccess

4. buat dir dan file "mkdir -p /var/log/nginx" && "touch /var/log/nginx/error.log &&

access/log"


```
root@raisa:/ # mkdir -p /var/log/nginx
root@raisa:/ # touch /var/log/nginx/access.log
root@raisa:/ # touch /var/log/nginx/error.log
root@raisa:/ # ls -al /var/log/nginx
total 8
drwxr-xr-x  2 root  wheel  512 Apr 24 09:12 .
drwxr-xr-x  3 root  wheel  512 Apr 24 09:12 ..
-rw-r--r--  1 root  wheel    0 Apr 24 09:12 access.log
-rw-r--r--  1 root  wheel    0 Apr 24 09:12 error.log
root@raisa:/ #
```

4. start service nginx "/usr/local/etc/rc.d/nginx start"


```
root@raisa:/ # /usr/local/etc/rc.d/nginx start
Performing sanity check on nginx configuration:
nginx: the configuration file /usr/local/etc/nginx/nginx.conf syntax is ok
nginx: configuration file /usr/local/etc/nginx/nginx.conf test is successful
Starting nginx.
root@raisa:/ #
```

5. tes koneksi ke ip server
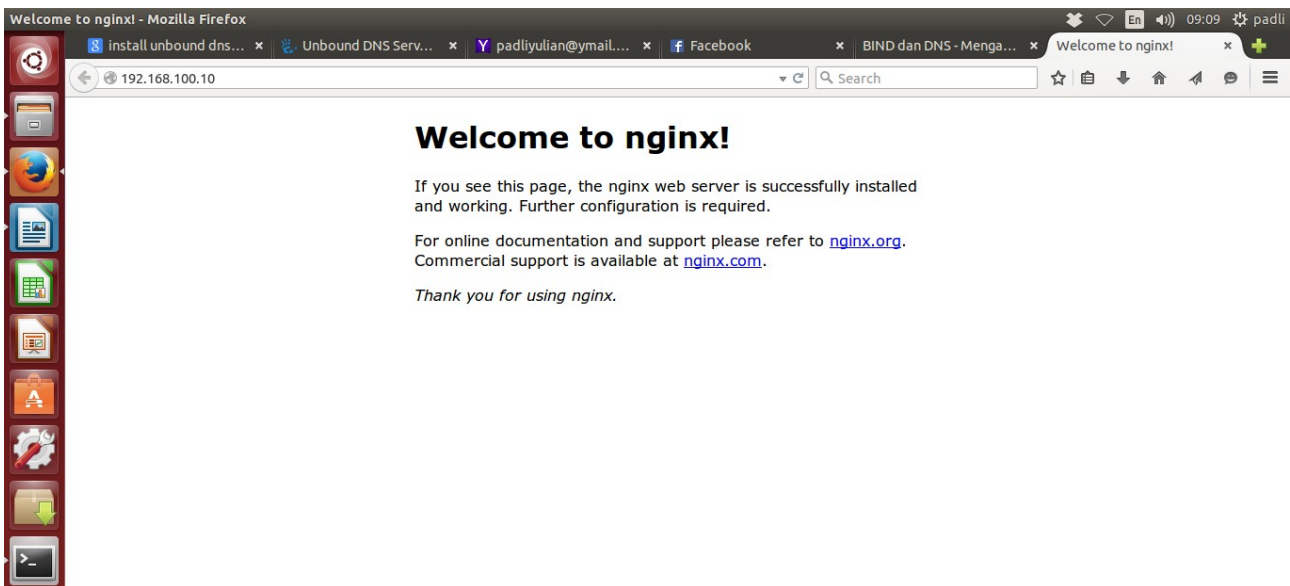
6. cek access.log dan error.log
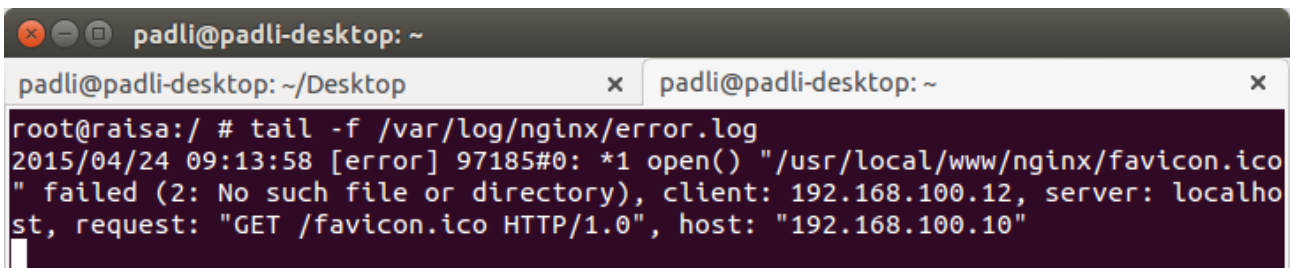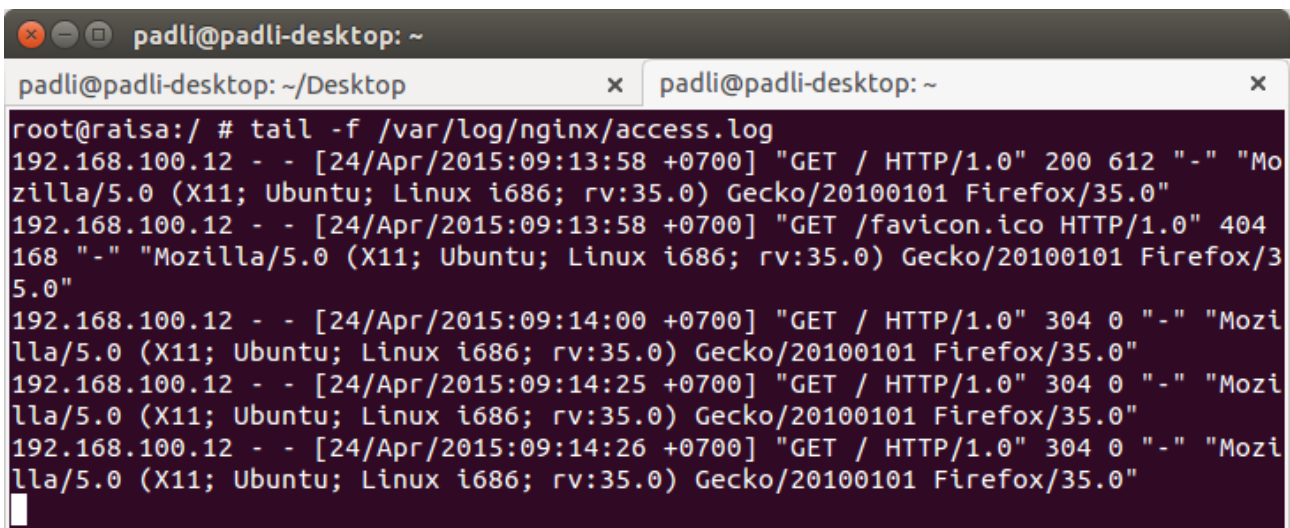
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