**Create a new virtual-host for domain**

https://www.linode.com/docs/guides/hosting-a-website-ubuntu-18-04/

**- Create a virtual-host conf file for the new domain**

sudo nano /etc/apache2/sites-available/newmedialite.com.conf

Paste in the virtual file below with changes.

**-Create the web directories**

sudo mkdir -p /var/www/html/newmedialite.com/{public\_html,logs}

**- Change owner and group to user in public\_html**

\*\*\*\*NO\*\*\*sudo chown -R www-data:www-data /var/www/html/newmedialite.com./public\_html

----> sudo chown -R $USER:$USER /var/www/html/newmedialite.com/public\_html

**- Change permissions for public\_html**

sudo chmod -R 755 /var/www/html/newmedialite.com/public\_html

**- Check if it is "log" or "logs". Should be "logs". Do this:**

cd to /var/www/html/newmedialite.com

sudo mv log logs

**- Test apache config:**

sudo apachectl configtest

**- Link virtual host file from the sites-available directory to the sites-enabled directory:**

sudo a2ensite newmedialite.com.conf

**- Reload apache:**

sudo systemctl reload apache2

**(FIRST TIME ON SERVER)**

**-If you want to later configure some rules in .htaccess, you will most likely need to enable mod\_rewrite.**

sudo a2enmod rewrite

**Restart apache**

sudo systemctl restart apache2

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**MYSQL DATABASE**

**================================**

**- Log into MYSQL**

sudo mysql -u root -p (t7+77sql or system "sudo" t7+88)

**- Create DATABASE and user/pass**

CREATE USER 'radio\_user2'@'localhost' IDENTIFIED BY 'tek7iah77radio';

GRANT ALL PRIVILEGES ON \*.\* to 'radio\_user2'@'localhost';

**---- OR**

Use phpMyAdmin on new server to create database.

Use phpMyAdmin on old server to dump the database.

Use phpMyAdmin to upload data.sql IF under 2 MB. If over:

Upload .sql dump to public\_html of new domain

cd to that domain

mysql -u radio\_user -ptek7iah77radio database\_db < xxxxx.sql

**================================**

**phyMyAdmin**

**================================**

https://www.linode.com/docs/guides/install-mysql-phpmyadmin-on-ubuntu-12-04/

**CD TO public\_html and create link:**

cd /var/www/html/newmedialite.com/public\_html

sudo ln -s /usr/share/phpmyadmin

**================================**

**COPY STUFF FROM PAIR**

**================================**

**- Run this from Pair (source) as this is a ‘push’ to target server**

rsync -avrzh mcare anc1@192.53.126.91:/var/www/html/newmedialite.com/public\_html

or --- all files to root dir:

rsync -avzh \*.\* anc1@192.53.126.91:/var/www/html/newmedialite.com/public\_html

or just one file:

scp alice-1971.jpg anc1@192.53.126.91:/var/www/html/radioqsl.com/public\_html

for dir:

scp -rpv cantonpix anc1@192.53.126.91:/var/www/html/radioqsl.com/public\_html

**-Change wp-config database parms.**

**- Perhaps change wpX owner and permissions:**

sudo chown -R $USER:www-data /var/www/html/newmedialite.com/public\_html/web1

cd /var/www/html/newmedialite.com/public\_html/wp3

sudo chmod -R 775 /var/www/html/newmedialite.com/public\_html/web1

Disable xmlrpc.php - prevent remote hacking

**-Block WordPress xmlrpc.php requests**

<Files xmlrpc.php>

order deny,allow

deny from all

allow from xxx.xxx.xxx.xxx

</Files>

**================================**

**CERTBOT**

**MAKE SURE DNS IS SET FOR ‘A’ RECORD**

**================================**

--> see <https://certbot.eff.org/lets-encrypt/ubuntufocal-apache>

OLD: sudo certbot

Accept redirect.

Certbot MAY corrupt the Apache virual-host in /etc/apache2/sites-available file.

Try this:

sudo a2enmod rewrite

Followed by a restart

sudo systemctl restart apache2

If still not working take out:

RewriteEngine on

RewriteCond %{SERVER\_NAME} =radioqsl.com [OR]

RewriteCond %{SERVER\_NAME} =www.radioqsl.com

RewriteRule ^ https://%{SERVER\_NAME}%{REQUEST\_URI} [END,NE,R=permanent]

**================================**

**MISC**

**================================**

About permissions: https://devanswers.co/configure-sftp-web-server-document-root/

Important passwordss:

MySQL - root - t7+77sql

radio\_user and radio\_user2 - t7+77radio

ancnet1 - t7+77net-

Linode server "saturn" user/IP: ssh anc1@192.53.126.91

user: anc1, t7+88

root: t7+99

mailbox: [ac77/js77@mailanc2.net](mailto:ac77/js77@mailanc2.net)

**================================**

**RSYNC Transfer**

**================================**

Send to rysnc.com from server:

rsync -avrzh webster vid2.html 4054@usw-s004.rsync.net:web-backup-newmediacreate

**=======================**

**Crontab**

**=======================**

To run files as root use: sudo nano /etc/crontab

For cron jobs on ancnet1, they run an hour later than here on MTN time.

-END

**================================**

**THIS IS THE VIRTUAL-HOST FILE... JUST CHANGE THE DOMAIN NAME**

**AND PASTE INTO NANO**

**================================**

# domain: newmedialite.com

# public: /var/www/html/newmedialite.com/public\_html/

<VirtualHost \*:80>

# Admin email, Server Name (domain name), and any aliases

ServerAdmin webmaster@newmedialite.com

ServerName newmedialite.com

ServerAlias www.newmedialite.com

# Index file and Document Root (where the public files are located)

DirectoryIndex index.html index.php

DocumentRoot /var/www/html/newmedialite.com/public\_html

# Log file locations

LogLevel warn

ErrorLog /var/www/html/newmedialite.com/logs/error.log

CustomLog /var/www/html/newmedialite.com/logs/access.log combined

</VirtualHost>

<Directory /var/www/>

Options Indexes FollowSymLinks

AllowOverride All

Require all granted

</Directory>

# END OF FILE