## **Making Link Password Protected - LAMP (Apache2)**

### **Create the Password File**

**sudo htpasswd -c /etc/apache2/.htpasswd**

**You will be asked to supply and confirm a password for the user.**

**Leave out the -c argument for any additional users you wish to add**

**sudo htpasswd /etc/apache2/.htpasswd another\_user**

**If we view the contents of the file, we can see the username and the encrypted password for each record.**

**cat /etc/apache2/.htpasswd**

### **Configuring Access Control within the Virtual Host Definition**

**sudo nano /etc/apache2/sites-enabled/000-default.conf**

**<VirtualHost \*:80>**

**ServerAdmin webmaster@localhost**

**DocumentRoot /var/www/html**

**ErrorLog ${APACHE\_LOG\_DIR}/error.log**

**CustomLog ${APACHE\_LOG\_DIR}/access.log combined**

**<Directory "/var/www/html">**

**AuthType Basic**

**AuthName "Restricted Content"**

**AuthUserFile /etc/apache2/.htpasswd**

**Require valid-user**

**</Directory>**

**</VirtualHost>**

**Save and close the file when you are finished. Restart Apache to implement your password policy**

**sudo service apache2 restart**

### **Configuring Access Control with .htaccess Files**

**sudo nano /etc/apache2/apache2.conf**

**. . .**

**<Directory /var/www/>**

**Options Indexes FollowSymLinks**

**AllowOverride All**

**Require all granted**

**</Directory>**

**. . .**

**Save and close the file when you are finished.**

**sudo nano /var/www/html/.htaccess**

**AuthType Basic**

**AuthName "Restricted Content"**

**AuthUserFile /etc/apache2/.htpasswd**

**Require valid-user**

**Save and close the file. Restart the web server to password protect all content in or below the directory with the .htaccess file**

**sudo service apache2 restart**