

Apache Day1

**Mansoura Open source
Intake 45**

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2. Create two simple html pages named “page1.html, page2.html” then use the suitable directive to automatically redirect from localhost/page1.html to localhost/page2.html.

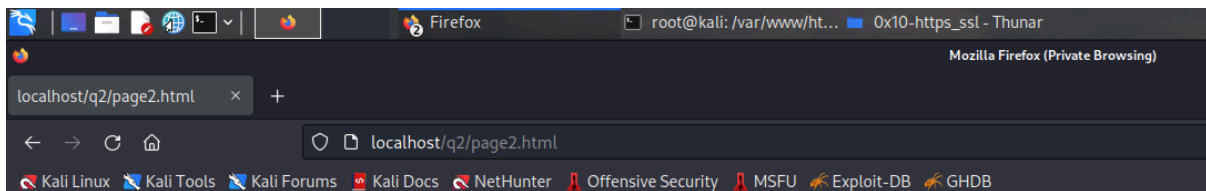
- In file .htaccess

```
root@kali: /var/www/html/q2
File Actions Edit View Help
Redirect 301 /q2/page1.html /q2/page2.html
~
Kali Linux Kali Tools Kali Forums Kali Docs NetHunter Offensive Security MSFU Exploit-DB GHDB
```

```
# this is page 2
# AccessFileName: The name of the file to look for in each directory
# for additional configuration directives. See also the AllowOverride
# directive.
#
AccessFileName .htaccess

<Directory /var/www/html/q2>
    AllowOverride All
</Directory>
```

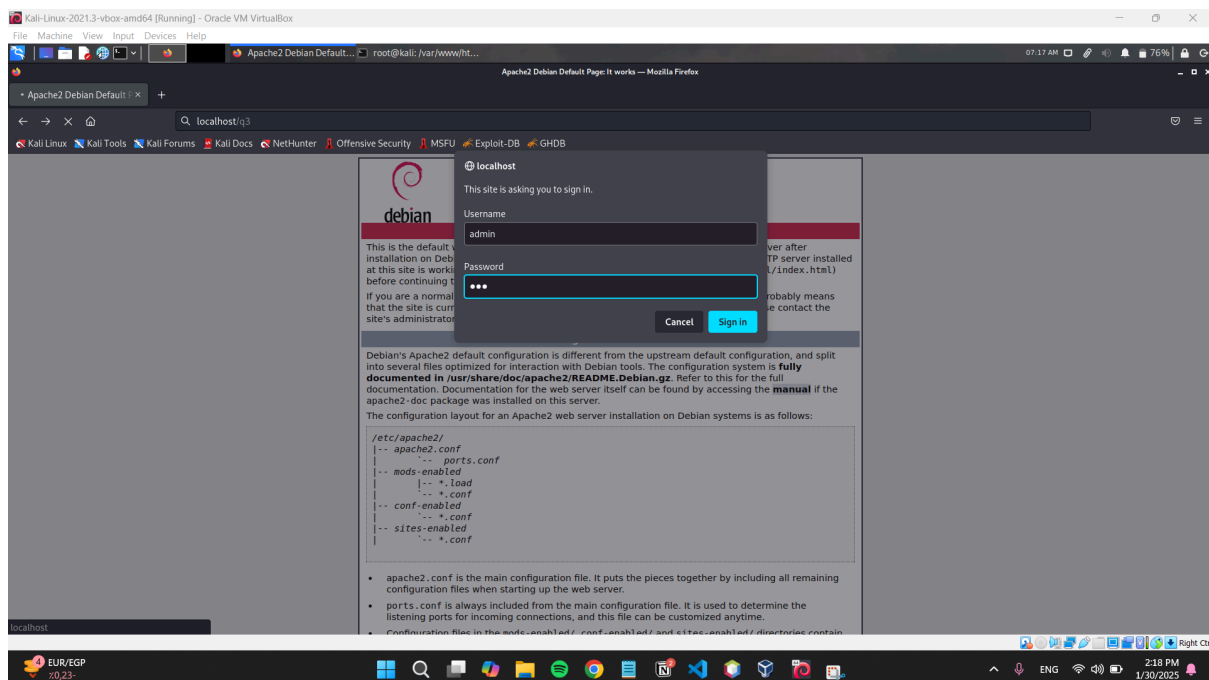
- When we navigate to page1.html

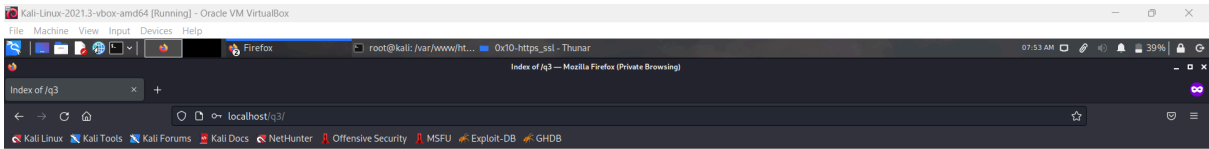


this is page 2

3. Ask for username and password when accessing a directory.

```
(rootkali)-[/var/www/html/q3]
# htpasswd -c .htpasswd admin
New password:
Re-type new password:
Adding password for user admin
```





Index of /q3

Name	Last modified	Size	Description
Parent Directory	-	-	-

Apache/2.4.48 (Debian) Server at localhost Port 80



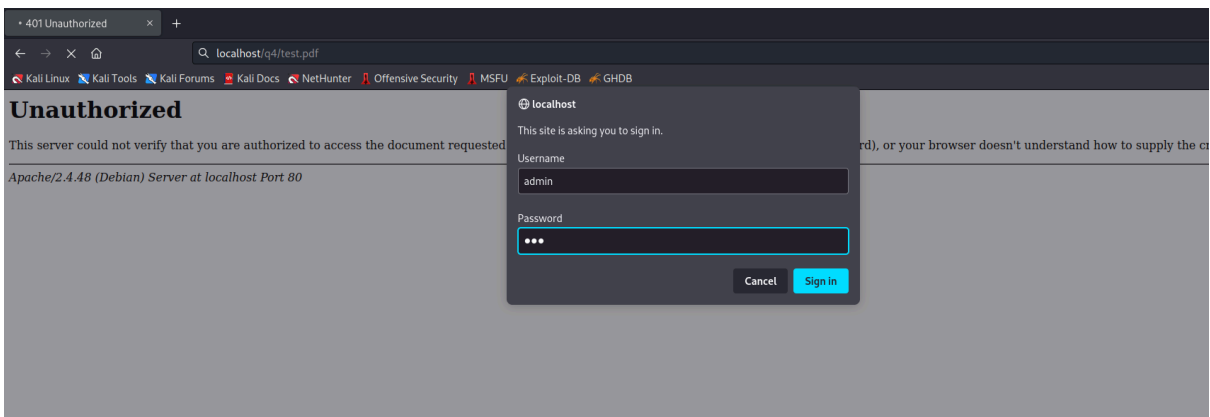
```
root@kali: /var/www/html/q2
File Actions Edit View Help
<Directory /usr/share>
  AllowOverride None
  Require all granted
</Directory>
Index of /q3
<Directory /var/www/>Size Description
  Options Indexes FollowSymLinks
  Parent Directory
  AllowOverride None
  Require all granted
  Apache/2.4.48 (Debian) Server at localhost Port 80
</Directory>
<Directory /var/www/html/q3>
  AuthType Basic
  AuthName "enter your creds"
  AuthUserFile /var/www/html/.htpasswd
  Require valid-user
</Directory>
```

4. Apply authentication before downloading PDF files.

- In .htaccess

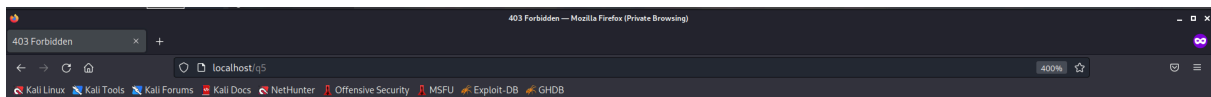
```
File Actions Edit View Help
AuthType Basic
AuthName "Restricted Area"
AuthUserFile /var/www/html/.htpasswd
Require valid-user
~
~
~
~
~
```

```
<Directory /var/www/html/q4>
    AllowOverride All
</Directory>
```



5. Create a directory then allow access to one of your classmates only.

```
<Directory /var/www/html/q5>  
    Order deny,allow  
    Deny from all  
    Allow from 20.0.0.1  
</Directory>
```



Forbidden

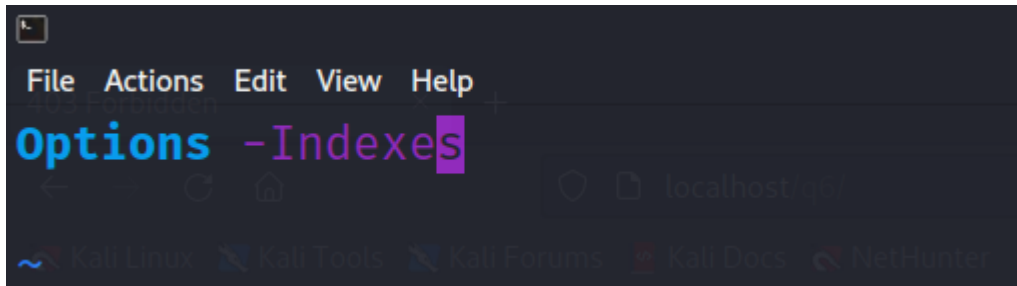
You don't have permission to access this resource.

Apache/2.4.48 (Debian) Server at localhost Port 80

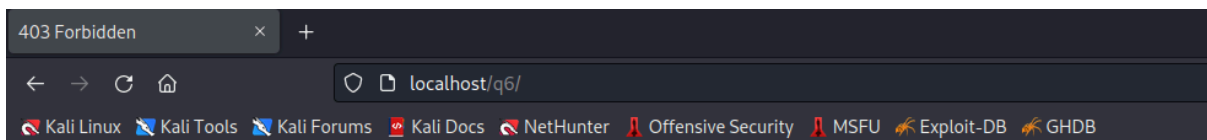


6. Disable listing the directory content (hint use indexes)

- In .htaccess



```
<Directory /var/www/html/q6>  
    AllowOverride All  
</Directory>
```



Forbidden

You don't have permission to access this resource.

Apache/2.4.48 (Debian) Server at localhost Port 80