

Actividad 1

1. Empezamos iniciando sesión en la maquina “Alias Server”
2. Comprobar que el módulo auth_basic está habilitado, en caso de no estar habilitado, haz los cambios necesarios para que lo esté (captura de pantalla)

```
The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Mon Feb  8 19:15:53 UTC 2021 on tty1
enrique@enrique:~$ apache2ctl -M
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 127.0
.1.1. Set the 'ServerName' directive globally to suppress this message
Loaded Modules:
  core_module (static)
  so_module (static)
  watchdog_module (static)
  http_module (static)
  log_config_module (static)
  logio_module (static)
  version_module (static)
  unixd_module (static)
  access_compat_module (shared)
  alias_module (shared)
  auth_basic_module (shared)
  authn_core_module (shared)
  authn_file_module (shared)
  authz_core_module (shared)
  authz_host_module (shared)
  authz_user_module (shared)
  autoindex_module (shared)
  deflate_module (shared)
  dir_module (shared)
  env_module (shared)
  filter_module (shared)
  mime_module (shared)
  mpm_event_module (shared)
  negotiation_module (shared)
  reqtimeout_module (shared)
  setenvif_module (shared)
  status_module (shared)
enrique@enrique:~$
```

```
enrique@enrique:~$ sudo a2enmod auth_basic
[sudo] password for enrique:
Considering dependency authn_core for auth_basic:
Module authn_core already enabled
Module auth_basic already enabled
enrique@enrique:~$ apache2ctl -M
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 127.0
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  mime_module (shared)
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  negotiation_module (shared)
  reqtimeout_module (shared)
  setenvif_module (shared)
  status_module (shared)
enrique@enrique:~$
```

3. Para usar la autenticación BASIC hay que crear un fichero accesible por Apache en el que se guardarán los usuarios y sus contraseñas. Para crear este fichero se utilizará el comando htpasswd (<http://httpd.apache.Org/docs/2.4/programs/htpasswd.html>).

- a. Crea el fichero y añade el usuario profesor1

```
sudo htpasswd -c /etc/apache2/ claves_basic profesor1
```

```
enrique@enrique:~$ sudo htpasswd -c /etc/apache2/claves_basic profesor1
New password:
Re-type new password:
Adding password for user profesor1
enrique@enrique:~$ _
```

- b. Añadimos al usuario profesor2

```
sudo htpasswd /etc/apache2/claves_basic profesor2
```

```
enrique@enrique:~$ sudo htpasswd /etc/apache2/claves_basic profesor2
New password:
Re-type new password:
Adding password for user profesor2
enrique@enrique:~$ _
```

4. Consulta el contenido del fichero claves_basic (captura de pantalla)

```
GNU nano 4.8                                     claves_basic
profesor1:$apr1$ife5HGL6$hHD0Rr4YQ/41NJien05JD1
profesor2:$apr1$E5Y./wEB$KXBWjIN0hcj1yUr2Y2kLw.
```

5. En el fichero de configuración de apache vamos a permitir el acceso al directorio indicado en el enunciado, a los usuarios profesor1 y profesor2 mediante el código...:

<Directory.....>

Require.....

Require.....

AuthType Basic

AuthName "Acceso restringido"

AuthUserFile /etc/apache2/claves_basic

Require user profesor1 profesor2

</Directory>

```
GNU nano 4.8                                000-default.conf
</Directory>

Alias /apuntes /home/enriqueserver1/apuntes
<Directory /home/enriqueserver1/apuntes>
    Options indexes FollowSymLinks
    AllowOverride None
    Require all granted
</Directory>

<Directory /var/www/html/profesor>
    Options Indexes FollowSymLinks
    AllowOverride None
    Require ip 127.0.0.1
    Require ip 192.168.1.200
</Directory>

<Directory /var/www/html/profesor>
    Options Indexes FollowSymLinks
    AllowOverride None
    Require ip 127.0.0.1
    Require ip 192.168.1.200
    AuthType Basic
    AuthName "Acceso restringido"
    AuthUserFile /etc/apache2/claves_basic
    Require user profesor1 profesor2
</Directory>

Redirect /fp http://www.todofp.es
ErrorDocument 404 /404.html

</VirtualHost>

# vim: syntax=apache ts=4 sw=4 sts=4 sr noet
```

6. Comprobar el resultado (captura de pantalla del control de acceso, usuario autorizado y usuario sin autorizar).