

Apuntes Examen DAW

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00-installer-config.yaml (Netplan)

```
network:
  ethernets:
    enp0s3:
      dhcpd4: true
    enp0s8:
      dhcp4: false
      dhcp6: false
      addresses: [192.168.168.1/24]
      nameservers:
        addresses: [1.1.1.1, 1.0.0.1]
  version: 2
```

dhcpd.conf

```
[...]
# Subnet privada 1
subnet 192.168.168.0 netmask 255.255.255.0 {
    range 192.168.168.100 192.168.168.150;
    option domain-name-servers 192.168.168.1;
    option domain-name "aulap7.tk";
    option subnet-mask 255.255.255.0;
    option broadcast-address 192.168.168.255;
    default-lease-time 300;
    max-lease-time 3600;
}

# IP reservada
host cliente1 {
    hardware ethernet 08:00:07:26:c0:a5;
    fixed-address 192.168.168.200;
}
```

named.conf.local

```
[...]
// Zona aulap7.tk
zone aulap7.tk {
    type master;
    notify no;
    allow-transfer {none;};
    file "/etc/bind/db.aulap7.tk";
};
```

db.aulap7.tk

```
; BIND data file for aulap7.tk
$TTL      604800
$ORIGIN    aulap7.tk.
@          IN      SOA      servidor1.aulap7.tk.  admin.aulap7.tk. (
                                2022022401
                                604800
                                86400
                                2419200
                                604800 )
;
@          IN      NS       servidor1.aulap7.tk.
;
servidor1  IN      A        192.168.168.1
servidor2  IN      A        192.168.168.2
;
www        IN      CNAME    servidor1
web        IN      CNAME    servidor1
```

aulap7.conf

```
<VirtualHost *:80>
    ServerName www.aulap7.tk
    ServerAlias web.aulap7.tk
    ServerAdmin emartinez@gmail.com
    DocumentRoot /var/www/aulap7

    LogLevel debug
    ErrorLog ${APACHE_LOG_DIR}/aulap7.error.log
```

```
CustomLog ${APACHE_LOG_DIR}/aulap7.access.log combined
```

```
ErrorDocument 401 /errores/401.html
```

```
ErrorDocument 403 /errores/403.html
```

```
ErrorDocument 404 /errores/404.html
```

```
Redirect "/moreinfo" "https://www.iesdonana.org/"
```

```
<Directory /var/www/aulap7>
```

```
    Require all granted
```

```
    DirectoryIndex main.htm main.html
```

```
    Options +Indexes -FollowSymLinks
```

```
</Directory>
```

```
<Directory /var/www/aulap7/privada1>
```

```
    AuthType Digest
```

```
    AuthName "directivos"
```

```
    AuthUserFile "/etc/apache2/.aulap7_digest"
```

```
    Require user ana carlos
```

```
</Directory>
```

```
<Directory /var/www/aulap7/privada2>
```

```
    AuthType Digest
```

```
    AuthName "apoderados"
```

```
    AuthUserFile "/etc/apache2/.aulap7_digest"
```

```
    <RequireAll>
```

```
        Require all granted
```

```
        Require user roberto isabel
```

```
        Require not ip 192.168.168.0/24
```

```
    </RequireAll>
```

```
</Directory>
```

```
Alias /web /home/emartinez/web
```

```
<Directory /home/emartinez/web>
```

```
    Require all granted
```

```
    AllowOverride All
```

```
</Directory>
```

```
</VirtualHost>
```

.htaccess

DirectoryIndex **index**.html
Options -Indexes

Comandos útiles

Sistema

- Control de servicios: `systemctl [OPCION] [SERVICIO]`
- Consultar nombre del host: `hostname`
- Cambiar nombre del host: `hostnamectl set-hostname [NOMBRE]`
- Mostrar árbol de directorios: `tree`
- Crear varios directorios a la vez: `mkdir -p asignaturas/{mates,lengua}`
- Abrir varios ficheros de texto a la vez: `nano [FICHERO] [FICHERO]`
- Crear enlaces simbólicos: `ln -s [OBJETIVO] [NOMBRE]`
- Manual de un comando: `man [COMANDO]`

Red

- Mostrar info de un adaptador: `ip -c addr show [ADAPTADOR]`
- Activar/Desactivar un adaptador: `ip link set [ADAPTADOR] [up/down]`
- Renovar direcciones DHCP: `dhclient -v`
- Liberar direcciones DHCP: `dhclient -v -r`
- Listar DNS del sistema: `systemd-resolve --status`
- Listar DNS específica: `systemd-resolve [DOMINIO]`
- Limpiar caché DNS: `systemd-resolve --flush-caches`

Apache

- Activar/Desactivar sitio: `[a2ensite/a2dissite] [SITIO]`
- Activar/Desactivar módulo: `[a2enmod/a2dismod] [MODULO]`
- Comprobar si un sitio está activo: `ls [SITES_EN_DIR] | grep [SITIO]`
- Comprobar si un mod está activo: `ls [MODS_EN_DIR] | grep [MODULO]`
- Crear usuario Basic: `htpasswd [-c*] [RUTA] [USUARIO]`
- Crear usuario Digest: `htdigest [-c*] [RUTA] [REALM] [USUARIO]`