

Instalación del servidor Apache

```
UbuntuServer2 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
rufes@rufesserver:~$ sudo apt-get install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ld
0 upgraded, 10 newly installed, 0 to remove and 82 not upgraded.
Need to get 2,084 kB of archives.
After this operation, 8,094 kB of additional disk space will be used.
Do you want to continue? [Y/n] _
```

Configuración de Apache

```
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rufes@rufesserver:/$ cd /var/www/html
rufes@rufesserver:/var/www/html$ sudo cp index.html index.html.old
rufes@rufesserver:/var/www/html$ sudo nano index.html
```

```
GNU nano 7.2 index.html
}

div.content_section_text a:hover {
    background-color: #000000;

    color: #DCDFE6;
}

div.validator {
}
</style>
</head>
<body>
    <h1>Bienvenidos al servidor Apache de [NOMBRE]</h1>
    <h2>Despliegue de aplicaciones web</h2>
</body>
</html>

rufes@rufesserver:/var/www/html$
```

Configuración de sitios web virtuales con Apache

```
rufes@rufesserver:/var/www$ sudo mkdir -p instituto
rufes@rufesserver:/var/www$ sudo mkdir -p alumno
rufes@rufesserver:/var/www$ ls
alumno  html  instituto
```

Bienvenidos al servidor Apache de Rufes Despliegue de aplicaciones web

```
rufes@rufesserver:/etc/apache2/sites-available$ sudo cp 000-default.conf instituto.conf
rufes@rufesserver:/etc/apache2/sites-available$ sudo cp 000-default.conf alumno.conf
```

```
rufes@rufesserver:/etc/apache2/sites-available$ cat instituto.conf
<VirtualHost *:80>
ServerName instituto.com
ServerAlias www.instituto.com
DocumentRoot /var/www/instituto
```

```
rufes@rufesserver:/etc/apache2/sites-available$ cat alumno.conf
+<VirtualHost *:80>
ServerName alumno.com
ServerAlias www.alumno.com
DocumentRoot /var/www/alumno
```

```
rufes@rufesserver:/etc/apache2/sites-enabled$ sudo a2ensite instituto.conf
Enabling site instituto.
To activate the new configuration, you need to run:
    systemctl reload apache2
rufes@rufesserver:/etc/apache2/sites-enabled$ sudo a2ensite alumno.conf
Enabling site alumno.
To activate the new configuration, you need to run:
    systemctl reload apache2
```

```
GNU nano 7.2 index.html
<html>
<head></head>
<body>
<h1>Bienvenido alumno!</h1>
</body>
</html>
```

```
GNU nano 7.2 ../instituto/index.html
<html>
<head></head>
<body>
<h1>Bienvenido al instituto!</h1>
</body>
</html>
```

```
rufes@rufescliente: ~  
GNU nano 7.2 /etc/hosts  
127.0.0.1 localhost  
127.0.1.1 rufescliente  
192.168.1.100 www.instituto.com  
192.168.1.100 www.alumno.com  
  
# The following lines are desirable for IPv6 capable hosts  
::1 ip6-localhost ip6-loopback  
fe00::0 ip6-localnet  
ff00::0 ip6-mcastprefix  
ff02::1 ip6-allnodes  
ff02::2 ip6-allrouters
```

