

## 1. Ssh

GNU nano 2.5.3 Archivo: /etc/ssh/sshd\_config

```
# Package generated configuration file
# See the sshd_config(5) manpage for details

# What ports, IPs and protocols we listen for
Port 22
# Use these options to restrict which interfaces/protocols sshd will bind to
ListenAddress ::
ListenAddress 0.0.0.0
Protocol 2
# HostKeys for protocol version 2
HostKey /etc/ssh/ssh_host_rsa_key
HostKey /etc/ssh/ssh_host_dsa_key
HostKey /etc/ssh/ssh_host_ecdsa_key
HostKey /etc/ssh/ssh_host_ed25519_key
#Privilege Separation is turned on for security
UsePrivilegeSeparation yes

# Lifetime and size of ephemeral version 1 server key
KeyGenerationInterval 3600
ServerKeyBits 2048

# Logging
SyslogFacility AUTH
LogLevel INFO

# Authentication:
LoginGraceTime 120
PermitRootLogin no_
StrictModes yes

RSAAuthentication yes
PubkeyAuthentication yes
```

[ 88 líneas escritas ]

Ver ayuda Guardar Buscar Cortar Text Justificar Posición Pág. ant. Salir Leer fich. Reemplazar Pegar txt Ortografía Ir a línea Pág. sig.

Ubuntu Server SSH EXAMEN [Comando] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Integración de ratón...

8:05 13/11/2024

Ubuntu Server SSH EXAMEN [Comando] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Integración de ratón...

8:06 13/11/2024

```
#PasswordAuthentication yes

# Kerberos options
#KerberosAuthentication no
#KerberosGetAFSToken no
#KerberosOrLocalPasswd yes
#KerberosTicketCleanup yes

# GSSAPI options
#GSSAPIAuthentication no
#GSSAPICleanupCredentials yes

X11Forwarding yes
X11DisplayOffset 10
PrintMotd no
PrintLastLog yes
TCPKeepAlive yes
#UseLogin no

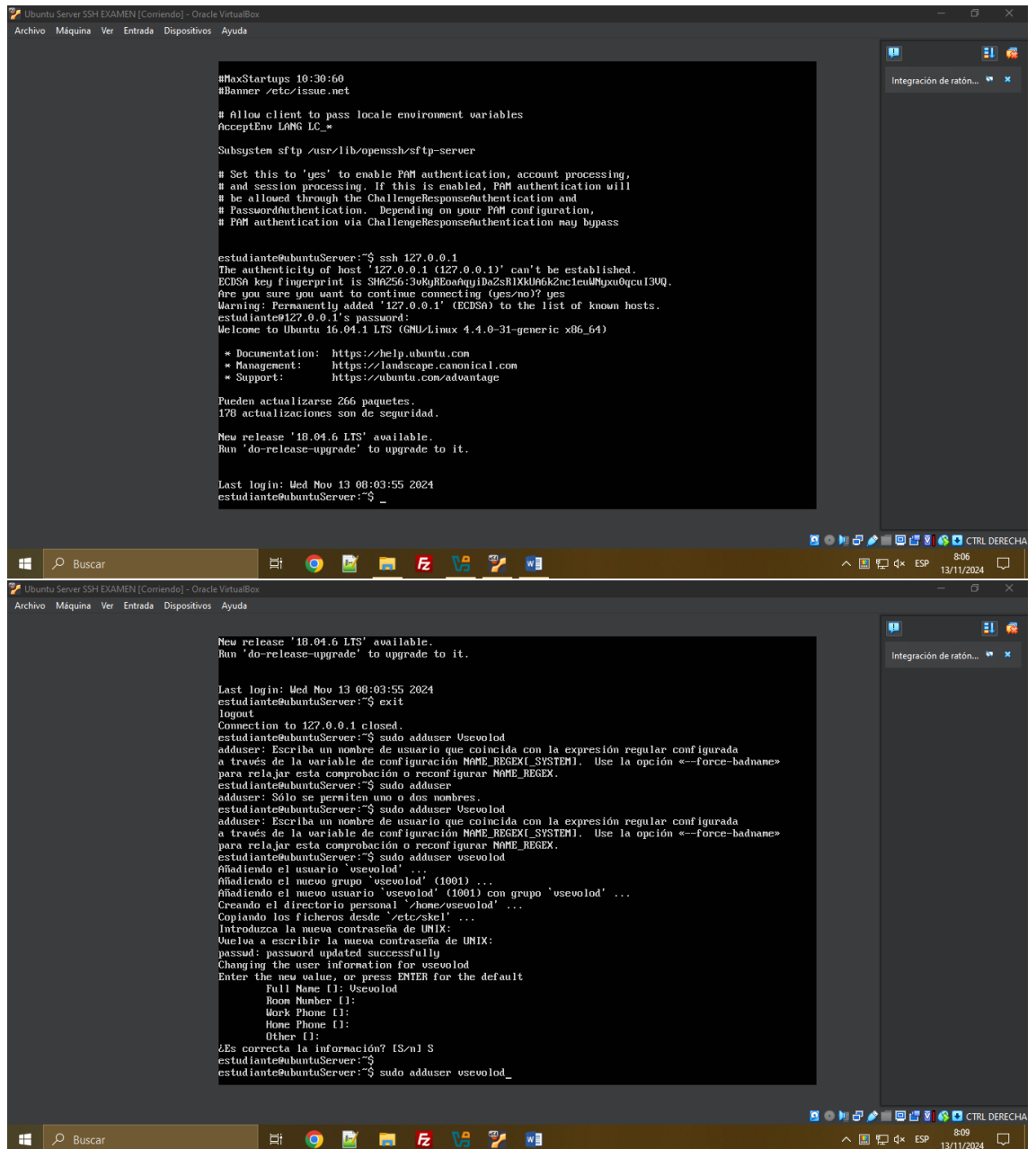
#MaxStartups 10:30:60
#Banner /etc/issue.net

# Allow client to pass locale environment variables
AcceptEnv LANG LC_*

Subsystem sftp /usr/lib/openssh/sftp-server

# Set this to 'yes' to enable PAM authentication, account processing,
# and session processing. If this is enabled, PAM authentication will
# be allowed through the ChallengeResponseAuthentication and
# PasswordAuthentication. Depending on your PAM configuration,
# PAM authentication via ChallengeResponseAuthentication may bypass
```

Ver ayuda Guardar Buscar Cortar Text Justificar Posición Pág. ant. Salir Leer fich. Reemplazar Pegar txt Ortografía Ir a línea Pág. sig.



## 2. FTP

The image displays two screenshots of a nano text editor editing the file `/etc/vsftpd.conf` on an Ubuntu Server. The top screenshot shows the initial configuration, and the bottom screenshot shows the configuration after adding more options.

**Top Screenshot (Initial Configuration):**

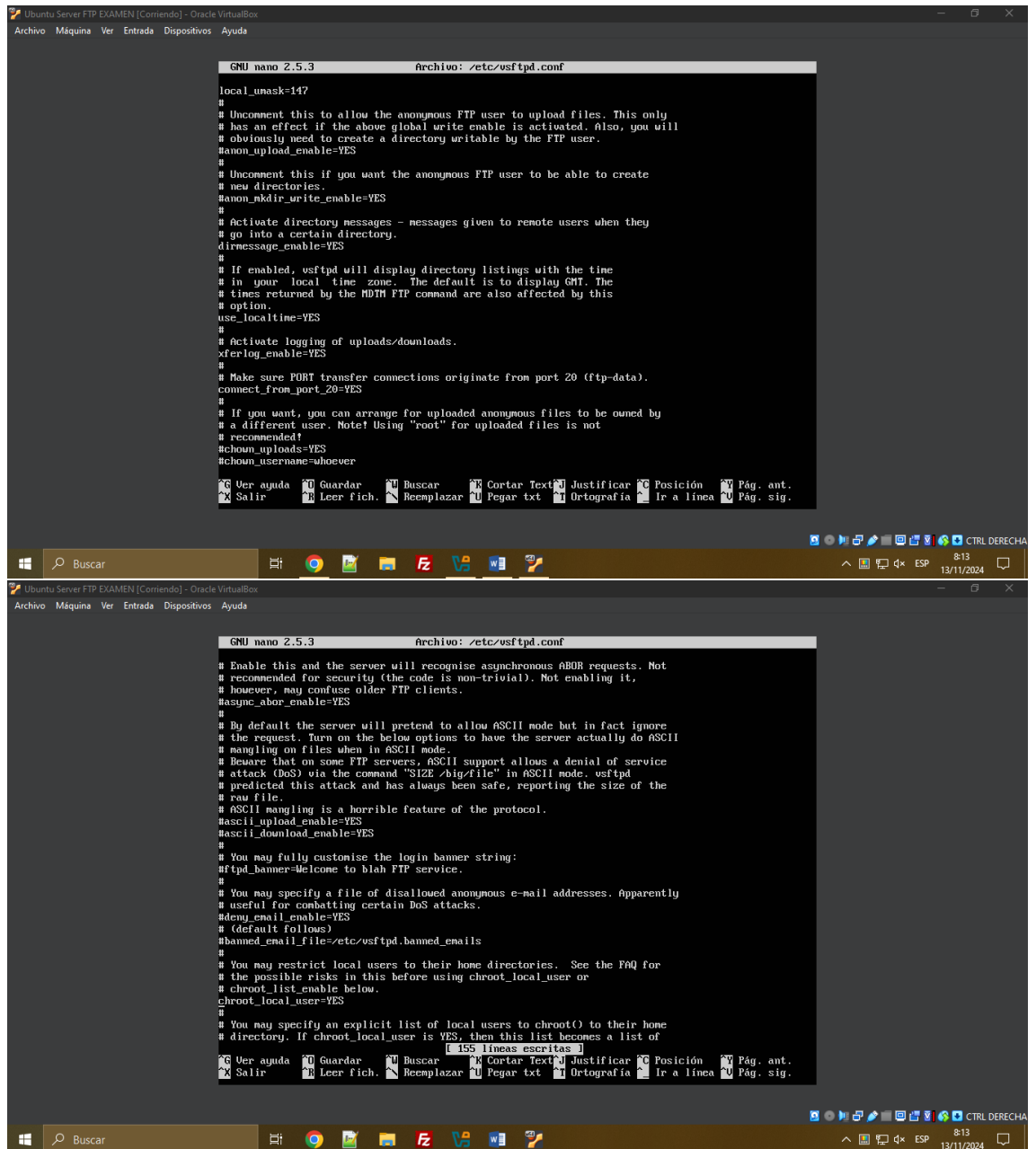
```
GNU nano 2.5.3 Archivo: /etc/vsftpd.conf

# Example config file /etc/vsftpd.conf
#
# The default compiled in settings are fairly paranoid. This sample file
# loosens things up a bit, to make the ftp daemon more usable.
# Please see vsftpd.conf.5 for all compiled in defaults.
#
# READ THIS: This example file is NOT an exhaustive list of vsftpd options.
# Please read the vsftpd.conf.5 manual page to get a full idea of vsftpd's
# capabilities.
#
#
# Run standalone? vsftpd can run either from an inetd or as a standalone
# daemon started from an initscript.
listen=YES
#
# This directive enables listening on IPv6 sockets. By default, listening
# on the IPv6 "any" address (:::) will accept connections from both IPv6
# and IPv4 clients. It is not necessary to listen on "both" IPv4 and IPv6
# sockets. If you want that (perhaps because you want to listen on specific
# addresses) then you must run two copies of vsftpd with two configuration
# files.
listen_ipv6=YES
#
# Allow anonymous FTP? (Disabled by default).
anonymous_enable=NO
#
# Uncomment this to allow local users to log in.
local_enable=YES
#
# Uncomment this to enable any form of FTP write command.
write_enable=NO
#
[ 155 líneas escritas ]
Ver ayuda Guardar Buscar Cortar Texto Justificar Posición Pág. ant.
Salir Leer fich. Reemplazar Pegar txt Ortografía Ir a línea Pág. sig.
```

**Bottom Screenshot (Configuration after additions):**

```
GNU nano 2.5.3 Archivo: /etc/vsftpd.conf

# and IPv4 clients. It is not necessary to listen on "both" IPv4 and IPv6
# sockets. If you want that (perhaps because you want to listen on specific
# addresses) then you must run two copies of vsftpd with two configuration
# files.
listen_ipv6=YES
#
# Allow anonymous FTP? (Disabled by default).
anonymous_enable=NO
#
# Uncomment this to allow local users to log in.
local_enable=YES
#
# Uncomment this to enable any form of FTP write command.
write_enable=NO
#
# Default unask for local users is 077. You may wish to change this to 022,
# if your users expect that (022 is used by most other ftpd's)
local_unask=147
#
# Uncomment this to allow the anonymous FTP user to upload files. This only
# has an effect if the above global write enable is activated. Also, you will
# obviously need to create a directory writable by the FTP user.
anon_upload_enable=YES
#
# Uncomment this if you want the anonymous FTP user to be able to create
# new directories.
anon_nkdir_write_enable=YES
#
# Activate directory messages - messages given to remote users when they
# go into a certain directory.
dirmessage_enable=YES
#
[ 155 líneas escritas ]
Ver ayuda Guardar Buscar Cortar Texto Justificar Posición Pág. ant.
Salir Leer fich. Reemplazar Pegar txt Ortografía Ir a línea Pág. sig.
```



```
Ubuntu Server FTP EXAMEN [Comando] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda

# mangling on files when in ASCII mode.
# Beware that on some FTP servers, ASCII support allows a denial of service
# attack (DoS) via the command "SIZE /big/file" in ASCII mode. vsftpd
# predicted this attack and has always been safe, reporting the size of the
# raw file.
# ASCII mangling is a horrible feature of the protocol.
ascii_upload_enable=YES
ascii_download_enable=YES
#
# You may fully customise the login banner string:
#ftpd_banner=WELCOME to blah FTP service.
#
# You may specify a file of disallowed anonymous e-mail addresses. Apparently
# useful for combatting certain DoS attacks.
#deny_email_enable=YES
# (default follows)
#banned_email_file=/etc/vsftpd.banned_emails
#
# You may restrict local users to their home directories. See the FAQ for
# the possible risks in this before using chroot_local_user or
# chroot_list_enable below.
chroot_local_user=YES
#
# You may specify an explicit list of local users to chroot() to their home
# directory. If chroot_local_user is YES, then this list becomes a list of

estudiante@ubuntuServer:~$ ftp 127.0.0.1
Connected to 127.0.0.1.
220 (vsftpd 3.0.3)
Name (127.0.0.1:estudiante):
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> _

Preparando para desempaquetar .../python3-requests_2.9.1-3ubuntu0.1_all.deb ...
Desempaquetando python3-requests (2.9.1-3ubuntu0.1) ...
Seleccionando el paquete ssh-import-id previamente no seleccionado.
Preparando para desempaquetar .../ssh-import-id_5.5-0ubuntu1_all.deb ...
Desempaquetando ssh-import-id (5.5-0ubuntu1) ...
Procesando disparadores para man-db (2.7.5-1) ...
Procesando disparadores para systemd (229-4ubuntu7) ...
Procesando disparadores para ureadahead (0.100.0-19) ...
Procesando disparadores para ufw (0.35-0ubuntu2) ...
Configurando openssh-client (1:7.2p2-4ubuntu2.10) ...
Configurando ncurses-term (6.0+20160213-1ubuntu1) ...
Configurando openssh-sftp-server (1:7.2p2-4ubuntu2.10) ...
Configurando openssh-server (1:7.2p2-4ubuntu2.10) ...
Creating SSH2 RSA key; this may take some time ...
2048 SHA256:uw/EnM42oCbtJqIEBogEtITZxVL6hONBc9QMTeUf igg root@ubuntuServer (RSA)
Creating SSH2 DSA key; this may take some time ...
1024 SHA256:adhXQ/r0Rla51CGe50Ns+fo4Lgc12NQD0mJEYbxEvk root@ubuntuServer (DSA)
Creating SSH2 ECDSA key; this may take some time ...
256 SHA256:EqqB/trt5fsgU1huSf1pduqDnqgr2IhSPYagJ6lExu root@ubuntuServer (ECDSA)
Creating SSH2 ED25519 key; this may take some time ...
256 SHA256:b9ublux06CNUsFtunVzP64nFC0sYM771PpLDJVTGCj4 root@ubuntuServer (ED25519)
Configurando python3-urllib3 (1.13.1-2ubuntu0.16.04.4) ...
Configurando python3-requests (2.9.1-3ubuntu0.1) ...
Configurando ssh-import-id (5.5-0ubuntu1) ...
Procesando disparadores para systemd (229-4ubuntu7) ...
Procesando disparadores para ureadahead (0.100.0-19) ...
Procesando disparadores para ufw (0.35-0ubuntu2) ...
estudiante@ubuntuServer:~$ scp 127.0.0.1:/home/estudiante/archivo.txt /home/estudiante/carpeta
The authenticity of host '127.0.0.1 (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:EqqB/trt5fsgU1huSf1pduqDnqgr2IhSPYagJ6lExu.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '127.0.0.1' (ECDSA) to the list of known hosts.
estudiante@127.0.0.1's password:
archivo.txt
100% 0 0.0KB/s 00:00
estudiante@ubuntuServer:~$ ls
archivo.txt carpeta
estudiante@ubuntuServer:~$ scp 127.0.0.1:/home/estudiante/archivo.txt /home/estudiante/carpeta_
```