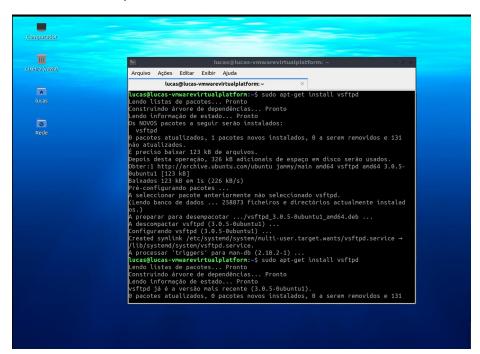
LUCAS DOS SANTOS SILVA

1 – Instalando Vsftpd



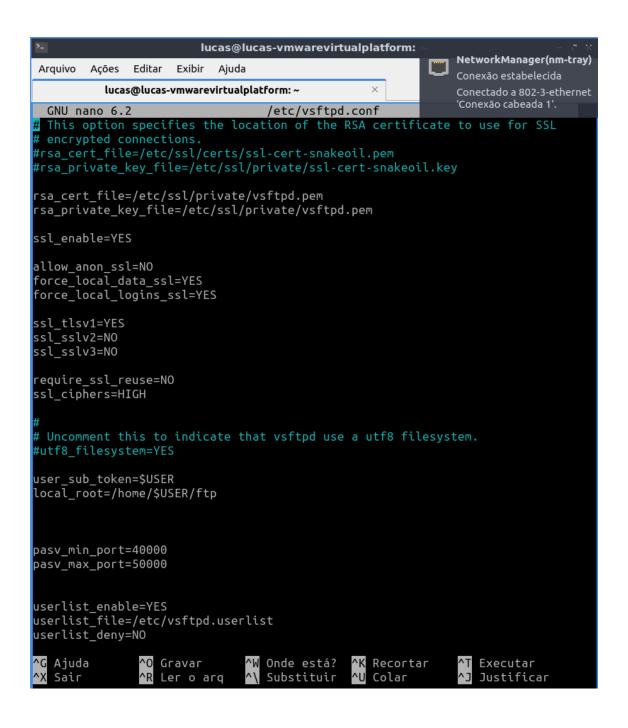
2 – Criando o diretório do usuário

```
lucas@lucas-vmwarevirtualplatform: ~
                                                                                                    - Ø x
 Arquivo Acões Editar Exibir Aiuda
             lucas@lucas-vmwarevirtualplatform: ~
lucas@lucas-vmwarevirtualplatform:~$ sudo cp /etc/vsftpd.conf /etc/vsftpd.con
f.original
lucas@lucas-vmwarevirtualplatform:~$ sudo cp /etc/vsftpd.conf /etc/vsftpd.con
f.original
lucas@lucas-vmwarevirtualplatform:~$ sudo ufw status
Estado: inativo
lucas@lucas-vmwarevirtualplatform:~$ sudo adduser alex
Adicionando o usuário `alex' ...
Adicionando novo grupo 'alex' (1001) ...
Adicionando novo usuário `alex' (1001) ao grupo `alex' ...
Criando diretório pessoal `/home/alex' ...
Copiando arquivos de '/etc/skel' ...
Nova senha:
Redigite a nova senha:
passwd: senha atualizada com sucesso
Modificando as informações de usuário para alex
Informe o novo valor ou pressione ENTER para aceitar o padrão
Nome Completo []: alex
Número da Sala []: 123
          Fone de Trabalho []: 123
Fone Residencial []: 123
          Outro []: 123
A informação está correta? [S/n] S
lucas@lucas-vmwarevirtualplatform:~$ sudo mkdir /home/alex/ftp
lucas@lucas-vmwarevirtualplatform:~$ sudo chown nobody:nogroup /home/alex/ftp
lucas@lucas-vmwarevirtualplatform:~$ sudo chmod a-w /home/alex/ftp
lucas@lucas-vmwarevirtualplatform:~$ sudo ls -la /home/alex/ftp
total 8
dr-xr-xr-x 2 nobody nogroup 4096 abr 22 07:45 .
drwxr-x--- 3 alex alex 4096 abr 22 07:45 ..
lucas@lucas-vmwarevirtualplatform:~$ sudo mkdir /home/alex/ftp/files
lucas@lucas-vmwarevirtualplatform:~$ sudo chown alex:alex /home/alex/ftp/file
lucas@lucas-vmwarevirtualplatform:~$ echo "vsftpd sample file" | sudo tee /ho
 me/alex/ftp/files/sample.txt
```

3 - Configurando vsftpd

```
lucas@lucas-vmwarevirtualplatform: ~
                                                                                                                  - 2 X
 Arquivo Ações Editar Exibir Ajuda
               lucas@lucas-vmwarevirtualplatform: ~
                                                   /etc/vsftpd.conf
   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
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=YES
   Default umask for local users is 077. You may wish to change this to 022,
  new directories.
 #anon_mkdir_write_enable=YES
                       ^O Gravar
^R Ler o
                                                                      ^K Recortar
^U Colar
   Aiuda
                                              ^W Onde está?
^\ Substituir
                                                                                                 Executar
                                                  Substituir
                                                                                                 Justificar
                           Ler o ard
    Sair
                                    lucas@lucas-vmwarevirtualplatform: ~
                                                                                                                  - ø x
Arquivo Ações Editar Exibir Ajuda
               lucas@lucas-vmwarevirtualplatform: ~
  GNU nano 6.2
                                                   /etc/vsftpd.conf
 ascii_upload_enable=YES
 ascii_download_enable=YES
 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 users to NOT chroot().
  (Warning! chroot'ing can be very dangerous. If using chroot, make sure that the user does not have write access to the top level directory within the
 chroot_local_user=YES
chroot_list_enable=YES
(default follows)
 chroot_list_file=/etc/vsftpd.chroot_list
  default to avoid remote users being able to cause excessive I/O on large sites. However, some broken FTP clients such as "ncftp" and "mirror" assume
                                              ^W Onde está?
^\ Substituir
                                                                     ^K Recortar
^U Colar
   Ajuda
                                                                                                Executar
                                                                                                 Justificar
    Sair
                          Ler o ard
```



```
Arquivo Ações Editar Exibir Ajuda
```

```
lucas@lucas-vmwarevirtualplatform: ~
lucas@lucas-vmwarevirtualplatform:~$ sudo ufw status
Estado: inativo
lucas@lucas-vmwarevirtualplatform:~$ sudo adduser alex
Adicionando o usuário `alex' ...
Adicionando novo grupo 'alex' (1001) ...
Adicionando novo usuário `alex' (1001) ao grupo `alex' ...
Criando diretório pessoal `/home/alex' ...
Copiando arquivos de '/etc/skel' ...
Nova senha:
Redigite a nova senha:
passwd: senha atualizada com sucesso
Modificando as informações de usuário para alex
Informe o novo valor ou pressione ENTER para aceitar o padrão
         Nome Completo []: alex
Número da Sala []: 123
          Fone de Trabalho []: 123
          Fone Residencial []: 123
          Outro []: 123
A informação está correta? [S/n] S
lucas@lucas-vmwarevirtualplatform:~$ sudo mkdir /home/alex/ftp
lucas@lucas-vmwarevirtualplatform:~$ sudo chown nobody:nogroup /home/alex/ftp
lucas@lucas-vmwarevirtualplatform:~$ sudo chmod a-w /home/alex/ftp
lucas@lucas-vmwarevirtualplatform:~$ sudo ls -la /home/alex/ftp
total 8
dr-xr-xr-x 2 nobody nogroup 4096 abr 22 07:45 .
drwxr-x--- 3 alex alex 4096 abr 22 07:45 ..
lucas@lucas-vmwarevirtualplatform:~$ sudo mkdir /home/alex/ftp/files
lucas@lucas-vmwarevirtualplatform:~$ sudo chown alex:alex /home/alex/ftp/file
lucas@lucas-vmwarevirtualplatform:~$ echo "vsftpd sample file" | sudo tee /ho
me/alex/ftp/files/sample.txt
vsftpd sample file
lucas@lucas-vmwarevirtualplatform:~$ sudo nano /etc/vsftpd.conf
lucas@lucas-vmwarevirtualplatform:~$ echo "alex" | sudo tee -a /etc/vsftpd.us
erlist
alex
lucas@lucas-vmwarevirtualplatform:~$ cat /etc/vsftpd.userlist
alex
```

lucas@lucas-vmwarevirtualplatform:~\$ sudo systemctl restart vsftpd

4 – Criando um FTP seguro

<u>>_</u>			lu	ıcas@lucas-v	mwarevi	irtualplat	form: ~		- 2 x
Arquivo	Ações	Editar	Exibir	Ajuda					
lucas@lucas-vmwarevirtualplatform: ~									
	rsa:2							-nodes -day tc/ssl/priv	
++++++	+++++	++*		++.+	++. +		+++	++++++++++ ++	+
++++++	+++++	+.+ ++++*.	+.+.	+++++++	++++++	+++++++	++++++++++	+++++++++++ ++++++++++++	+++++
++.	+		+	+	+ . +		+	++ +++++++++++	+
++++++	+++++	+++++	+.	++++*+	+ + +	++++++ ++++++	++++++++++	++ ++++++++++ ++++++++++++++++	+++++
+	+		++		++.		+		
.+	+	+ .	+	.++	+ +		++	+	.+
.+	++	+	+ +	++	+.+ +	+	+++	++	+
+	+	+.+	+ .	++.	+ +	+ . + .	+ +	+++	+.++
into you What you There an For some	ur cer u are a re qui e fiel	tificat about t te a fe ds the	te req to ent ew fie re wil	uest.	is call s can le sult val	led a Di eave som lue,	stinguishe	incorporate d Name or a	
State or	Prov	ince Na	ame (f	de) [AU]:BR ull name) [[]:caucaia		tate]:lu	ıcas dos sa	ntos silva	

lucas@lucas-vmwarevirtualplatform:~\$ sudo systemctl restart vsftpd

5 - Testando conexões com FileZilla

