

Linux

Ubuntu Server 16.04 LTS

Instalação e Configuração do NAT no Ubuntu Server

Professor:

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Agosto/2016

1 1-Configuração do NAT no Servidor Linux

1.1- Configuração do NAT e compartilhamento

```
root@ubuntu:/home/asoas# nano /etc/rc.local _
```

1.1- Configuração do NAT e compartilhamento

```
GNU nano 2.2.6          File: /etc/rc.local

#!/bin/sh -e
#
# rc.local
#
# This script is executed at the end of each multiuser runlevel.
# Make sure that the script will "exit 0" on success or any other
# value on error.
#
# In order to enable or disable this script just change the execution
# bits.
#
# By default this script does nothing.

exit 0
```

[Read 14 lines]

^G Get Help	^O WriteOut	^R Read File	^Y Prev Page	^K Cut Text	^C Cur Pos
^X Exit	^J Justify	^W Where Is	^U Next Page	^U UnCut Text	^T To Spell

1.1- Configuração do NAT e compartilhamento

```
GNU nano 2.5.3      File: /etc/rc.local      Modified
#!/bin/sh -e
#
# rc.local
#
# This script is executed at the end of each multiuser runlevel.
# Make sure that the script will "exit 0" on success or any other
# value on error.
#
# In order to enable or disable this script just change the execution
# bits.
#
# By default this script does nothing.

#Habilita o NAT
modprobe iptable_nat

#Faz o encaminhamento dos pacotes para o compartilhamento
echo 1 > /proc/sys/net/ipv4/ip_forward

#Habilita a interface de Internet (enp0s3) para o compartilhamento
iptables -t nat -A POSTROUTING -o enp0s3 -j MASQUERADE

exit 0
```

1.1- Configuração do NAT e compartilhamento

```
root@ubuntu:/home/ubuntu# modprobe iptable_nat
root@ubuntu:/home/ubuntu# echo 1 > /proc/sys/net/ipv4/ip_forward
root@ubuntu:/home/ubuntu# iptables -t nat -A POSTROUTING -o enp0s3 -j MASQUERADE
root@ubuntu:/home/ubuntu# _
```

1.2- Teste de funcionamento

The image is a screenshot of the Google Brasil homepage as it appeared in the Windows Internet Explorer browser. The browser's title bar reads "Google - Windows Internet Explorer". The address bar shows a URL starting with "s.com.br/?gfe_rd=cr&ei=8Ne9V4KONKPL8gemjI3gDg&qws_rd=ssl". The menu bar includes "Arquivo", "Editar", "Exibir", "Favoritos", "Ferramentas", and "Ajuda". Below this is a "Favoritos" section with "Sites Sugeridos" and "Galeria do Web Slice". The main navigation bar features the Google logo, a search bar, and links to "Google+", "Pesquisa", "Imagens", "Maps", "Play", "YouTube", "Notícias", "Gmail", and "Mais". On the right side of this bar are links for "Fazer login" and a settings icon. The main content area displays the large, multi-colored "Google" logo with "Brasil" underneath it. Below the logo is a search input field with a keyboard icon on the right. To the right of the input field are links for "Pesquisa avançada" and "Ferramentas de idioma". Below the search field are two buttons: "Pesquisa Google" and "Estou com sorte". A message states "Agora o Google Tradutor é offline. Instale no Android ou iOS". The footer contains links for "Soluções de publicidade", "Soluções empresariais", "+Google", "Sobre o Google", and "Google.com". The browser's status bar at the bottom shows "Éwerton Rômulo", "7/8", "Agosto/2016", and "7/8".

Google - Windows Internet Explorer

Arquivo Editar Exibir Favoritos Ferramentas Ajuda

Favoritos Sites Sugeridos Galeria do Web Slice

Google

Google+ Pesquisa Imagens Maps Play YouTube Notícias Gmail Mais Fazer login

Google Brasil

Pesquisa Google Estou com sorte

Agora o Google Tradutor é offline. Instale no Android ou iOS

Soluções de publicidade Soluções empresariais +Google Sobre o Google Google.com

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