Serviços de Rede Local
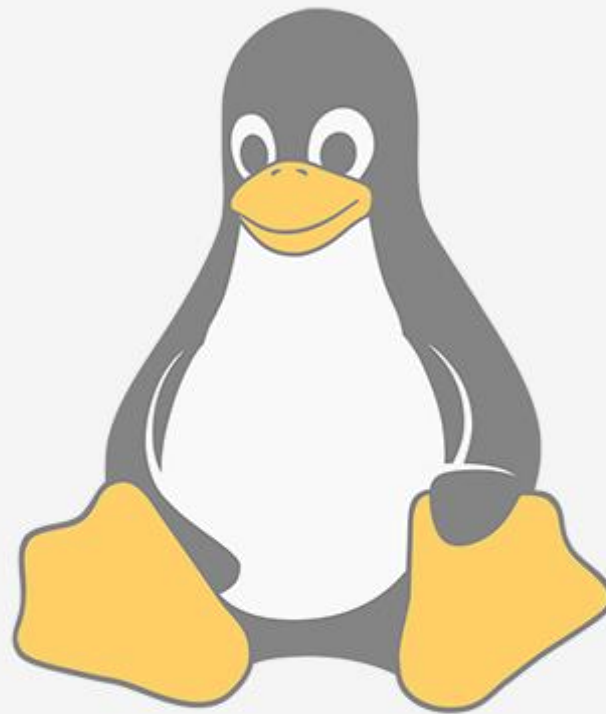
Prof: Jefferson Brandão

Configuração De Interface De Rede no Debian

Configuração de rede

Acesse o sistema com seu login.

```
Debian GNU/Linux 9 debian tty1

debian login: aluno
Password:
Last login: Wed May 19 13:25:49 -03 2021 on tty1
Linux debian 4.9.0-15-amd64 #1 SMP Debian 4.9.258-1 (2021-03-08) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
aluno@debian:~$
```

Firjan SENAI

Configuração de rede

Para realizar a configuração, vamos alterar para o usuário root.

aluno@debian:$**su**

```
Debian GNU/Linux 9 debian tty1

debian login: aluno
Password:
Last login: Wed May 19 13:25:49 -03 2021 on tty1
Linux debian 4.9.0-15-amd64 #1 SMP Debian 4.9.258-1 (2021-03-08) x86_64

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permitted by applicable law.
aluno@debian:~$ su
Senha:
root@debian:/home/aluno# _
```

Firjan SENAI

Configuração de rede

Vamos verificar a interface de rede.

root@debian:/home/aluno#**ip addr**

```
Debian GNU/Linux 9 debian tty1

debian login: aluno
Password:
Linux debian 4.9.0-13-amd64 #1 SMP Debian 4.9.228-1 (2020-07-05) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
aluno@debian:~$ su
Senha:
root@debian:/home/aluno# ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN group default qlen 1000
    link/ether 08:00:27:41:51:60 brd ff:ff:ff:ff:ff:ff
root@debian:/home/aluno#
```

Firjan SENAI

Configuração de rede

A interface que vamos configurar é a interface 2.

Vamos usar o editor de texto **nano** para editar o arquivo de configuração da interface de rede.

Firjan SENAI

Configuração de rede

root@debian:/home/aluno#**nano /etc/network/interfaces**

```
root@debian:/home/aluno# nano /etc/network/interfaces_
```

Configuração de rede

No arquivo de configuração, altere de acordo com a imagem abaixo.

Configuração de rede

Salve com CTRL+O e ENTER

Saia do editor com CTRL+X

Precisamos agora reiniciar a interface de rede.

root@debian:/home/aluno#
/etc/init.d/networking restart

```
root@debian:/home/aluno# /etc/init.d/networking restart
[ ok ] Restarting networking (via systemctl): networking.service.
root@debian:/home/aluno#
```

Configuração de rede

Vamos verificar a configuração do IP.

root@debian:/home/aluno#**ip addr**

```
root@debian:/home/aluno# /etc/init.d/networking restart
[ ok ] Restarting networking (via systemctl): networking.service.
root@debian:/home/aluno# ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1
000
    link/ether 08:00:27:41:51:60 brd ff:ff:ff:ff:ff:ff
    inet 192.168.0.1/24 brd 192.168.0.255 scope global enp0s3
       valid_lft forever preferred_lft forever
    inet6 fe80::a00:27ff:fe41:5160/64 scope link
       valid_lft forever preferred_lft forever
```

Firjan SENAI

Configuração de rede

Comandos úteis:

Desativar interface de rede:

ifdown enp0s3

Ativar interface de rede:

ifup enp0s3