

Máquina Virtual Linux Mint

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IFPB

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Roteiro da Apresentação

- 1 1- VirtualBox
- 2 2- Criando a máquina virtual Linux Mint
- 3 3- Instalação do Linux Mint
- 4 4- Configuração de Rede no Linux Mint

1.1- VirtualBox

- Pode ser baixado livremente em www.virtualbox.org (Innotek/Sun/Oracle)
- VirtualBox Open Source Edition (OSE),
Versão inteiramente livre, que tem todo o código-fonte disponível e pode ser usada dentro dos termos da GPL. Esta é a distribuição que é incluída nos repositórios das distribuições, que pode ser instalada diretamente usando o gerenciador de pacotes.
- VirtualBox Personal Use and Evaluation License (PUEL)
Inclui alguns componentes proprietários e é distribuída através de uma licença específica (inclusão do suporte a USB).

1.2- Instalação

- Windows

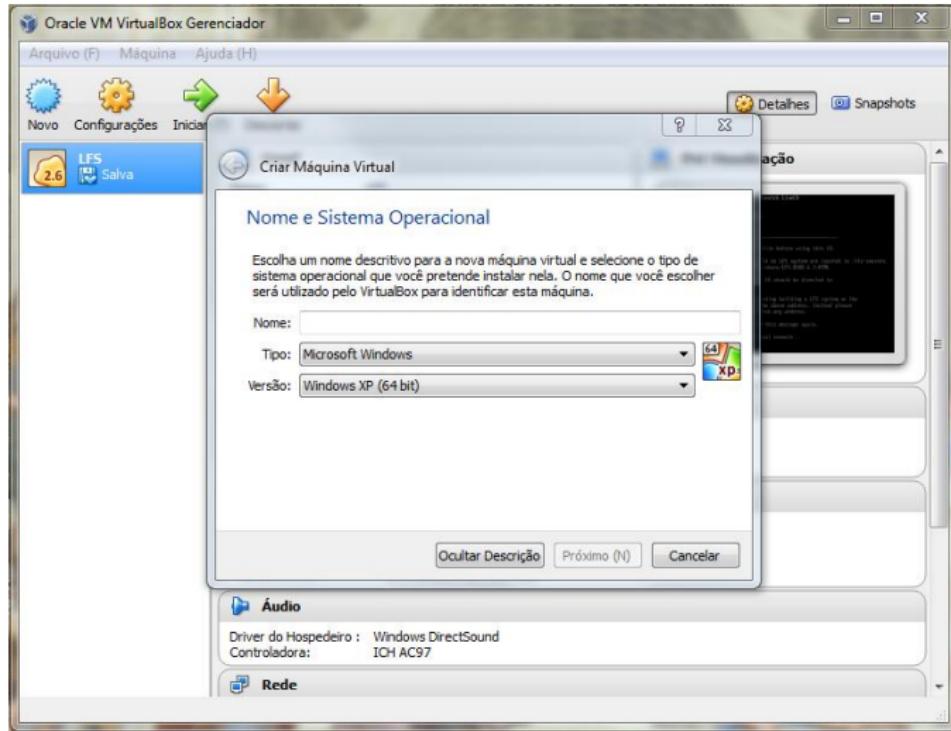
Baixar e instalar o arquivo executável

- Linux

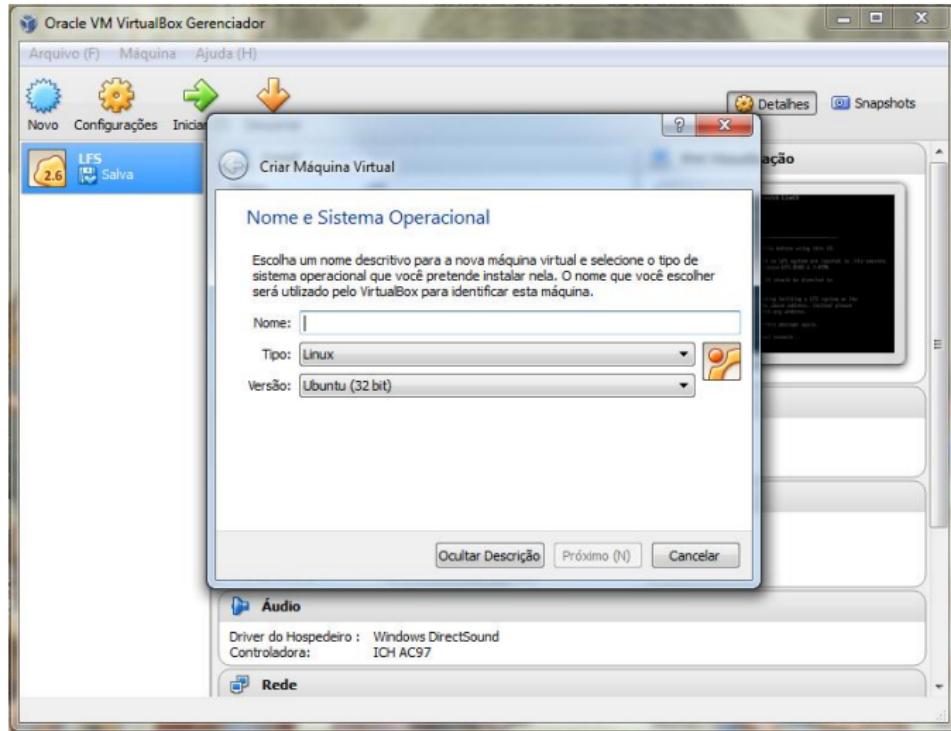
Synaptic ou usando o *apt-get install virtualbox-ose* no Terminal

Após a instalação, o ícone para o VirtualBox é criado em: Aplicações → Ferramentas do Sistema

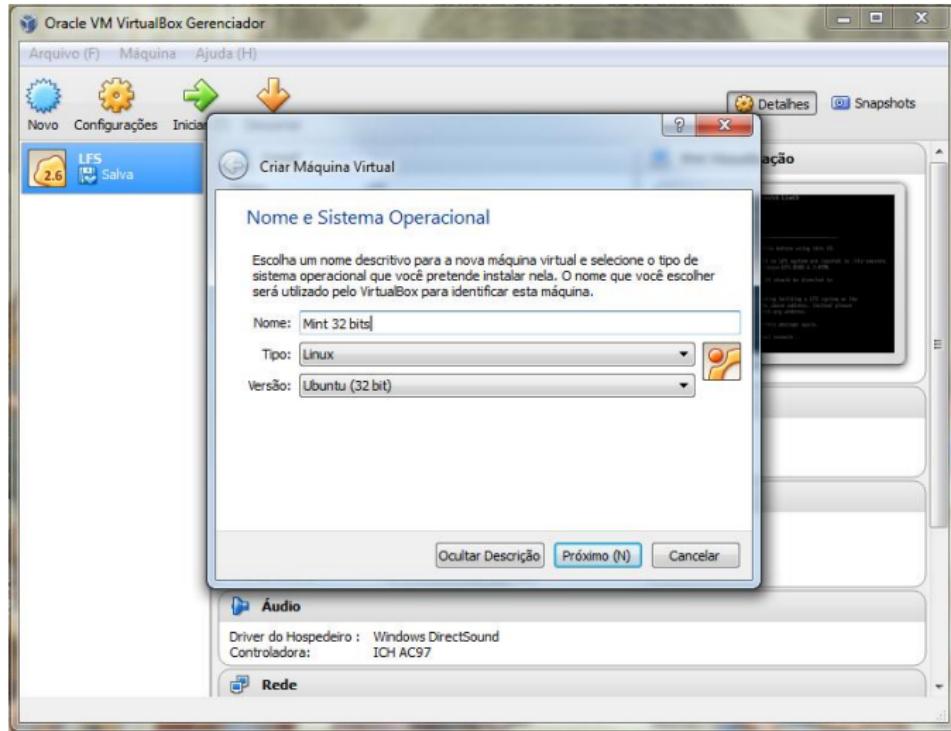
2.1- Criando as máquinas virtuais



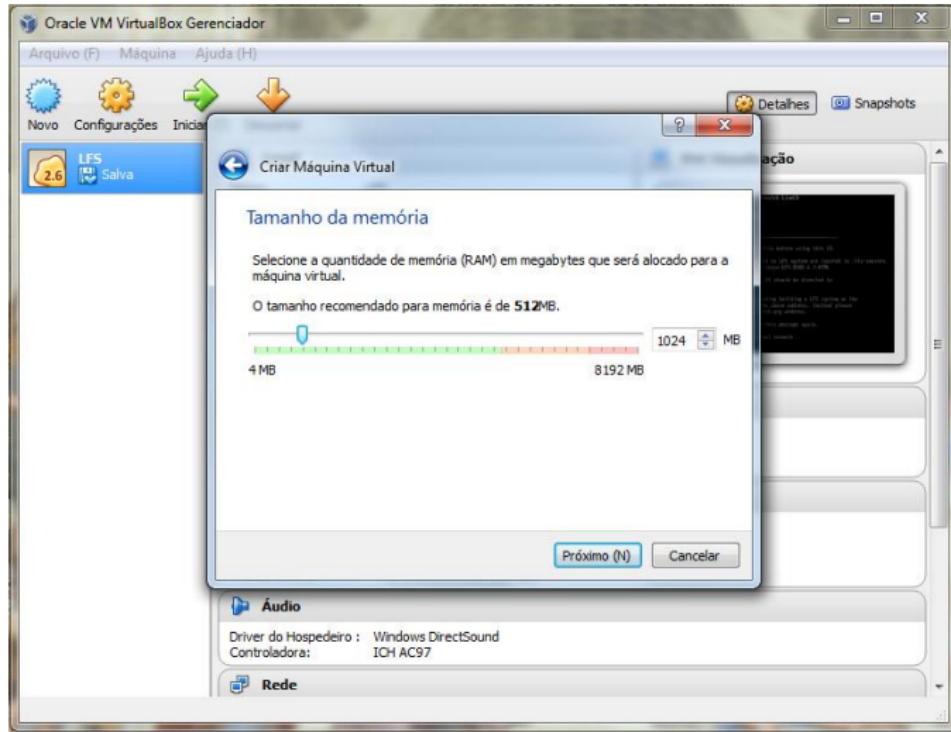
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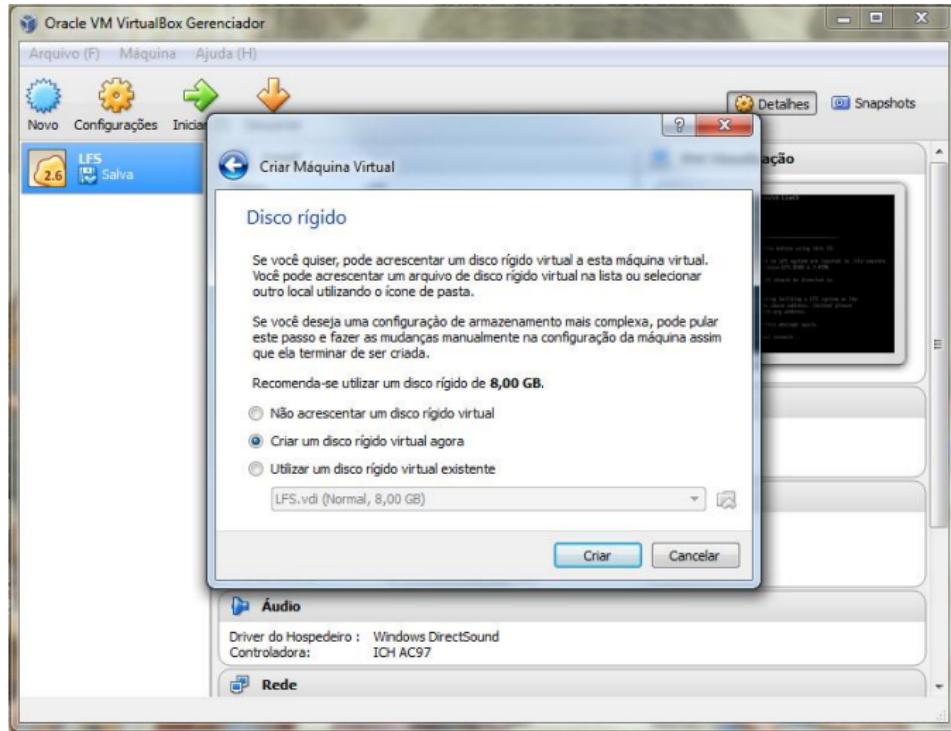
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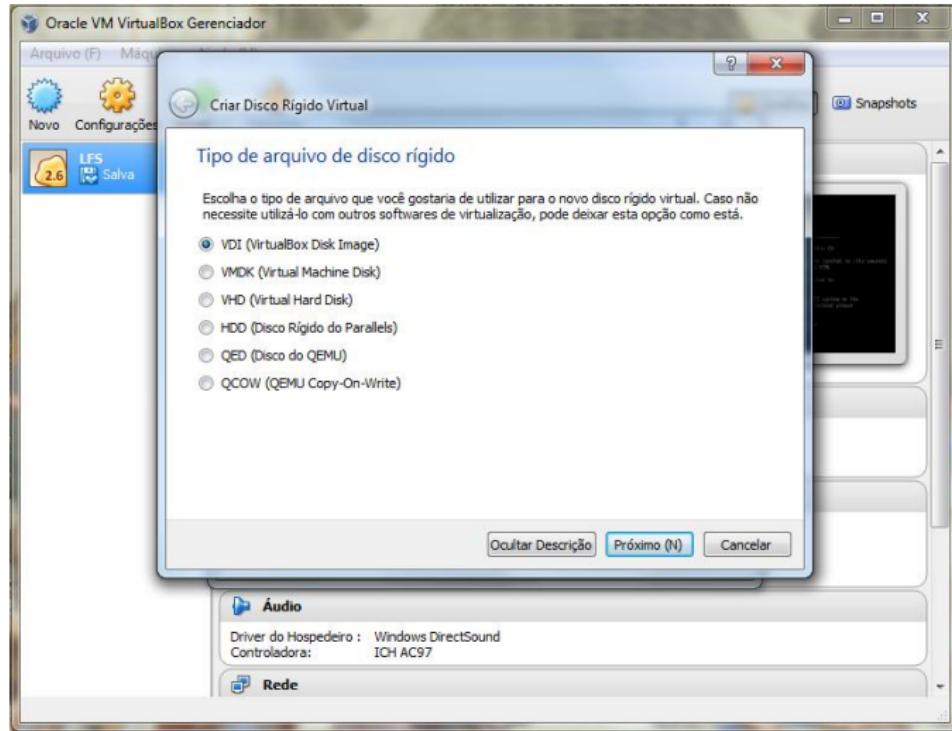
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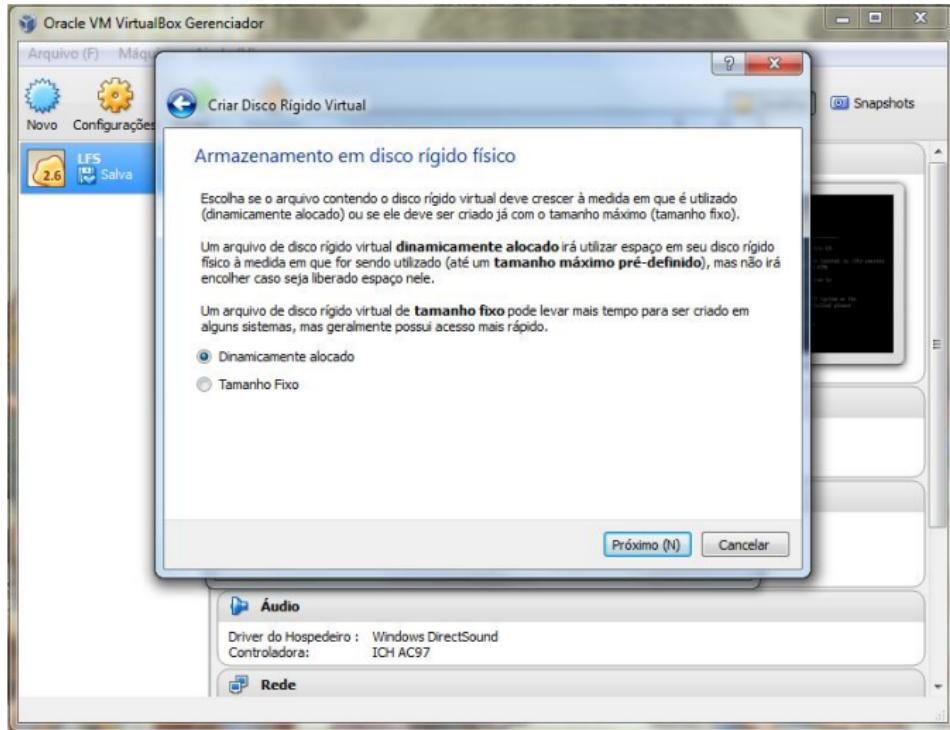
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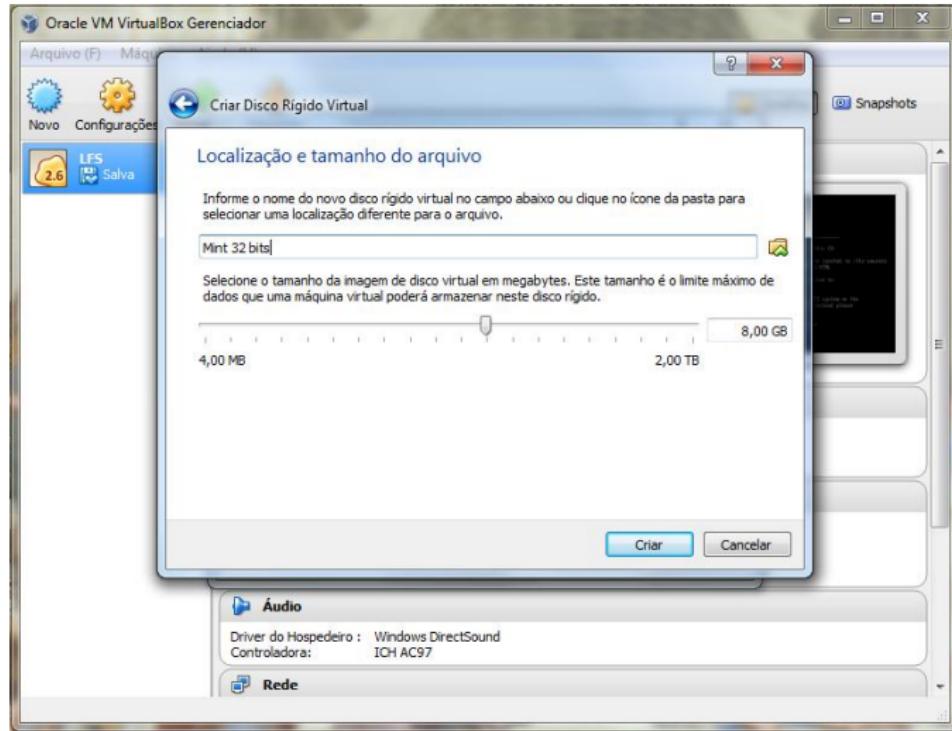
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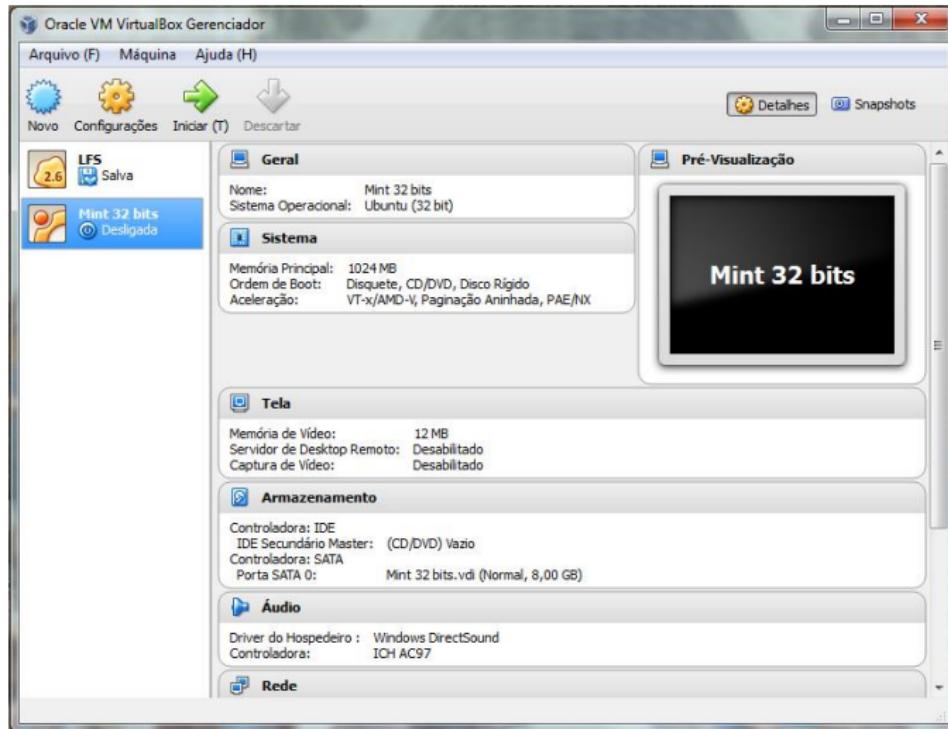
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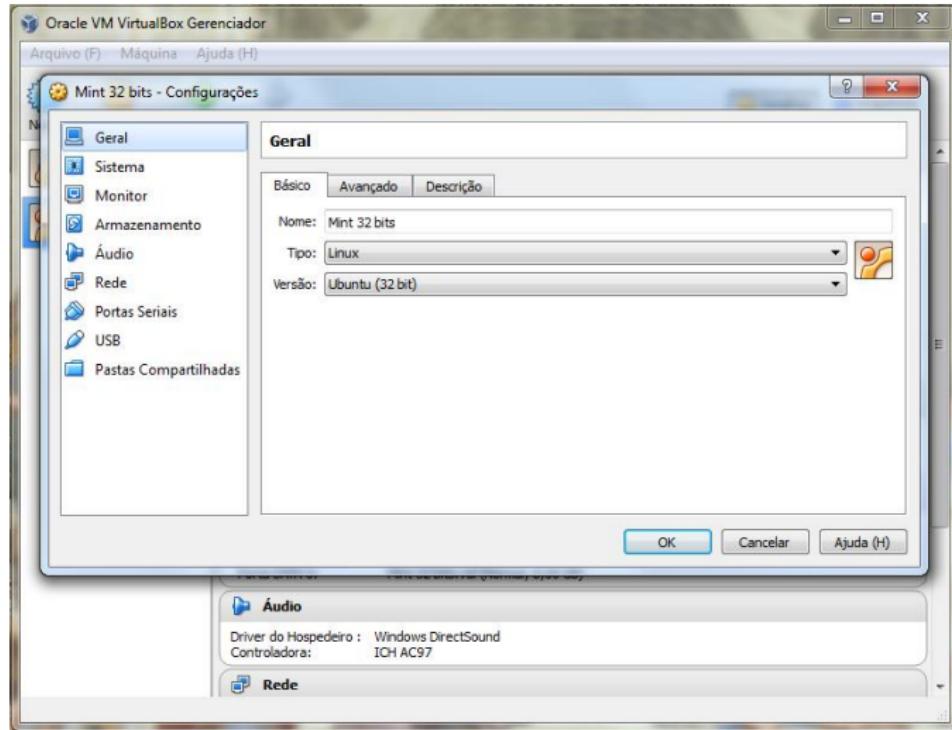
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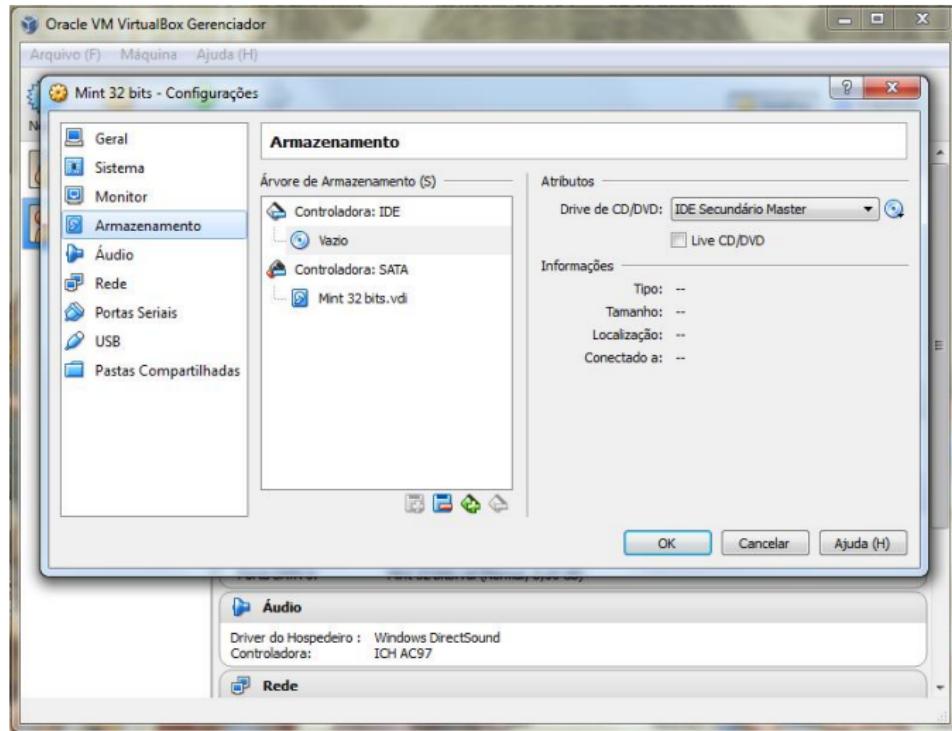
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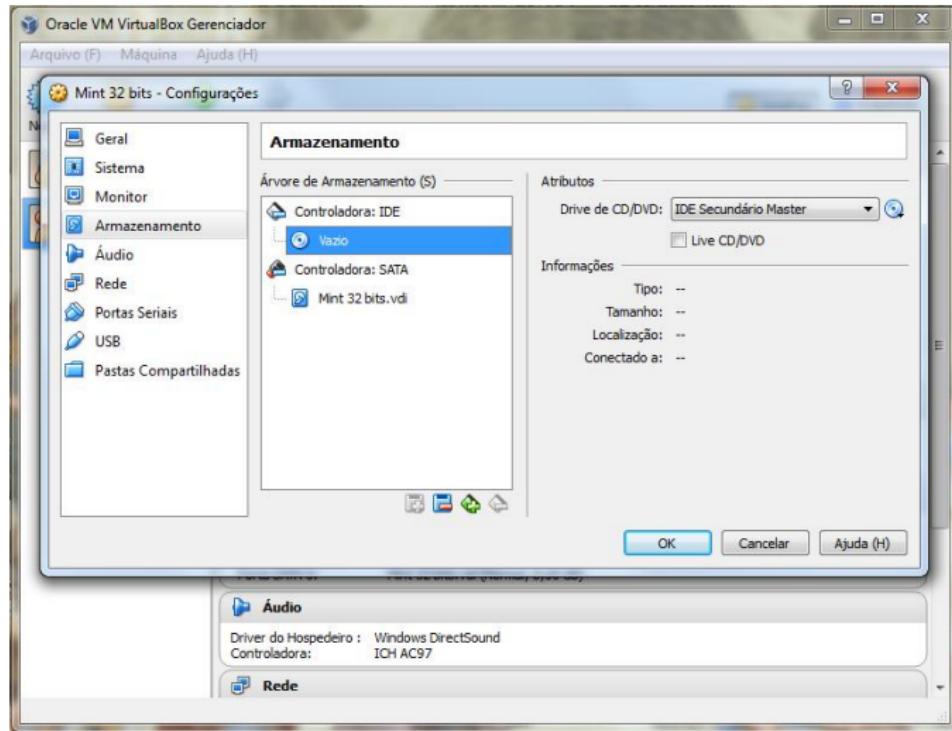
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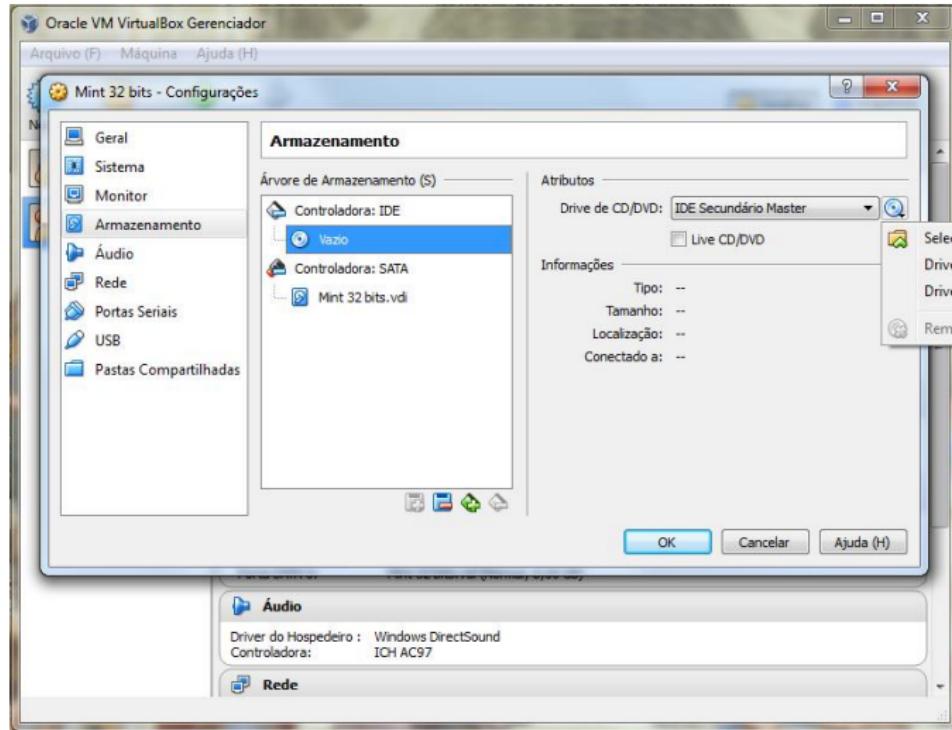
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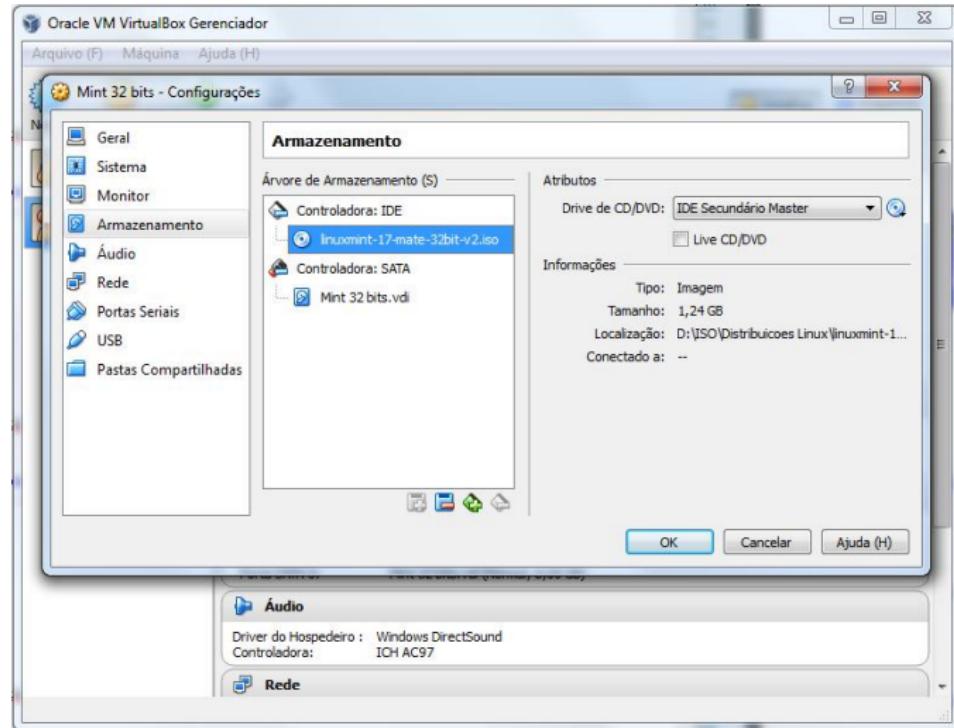
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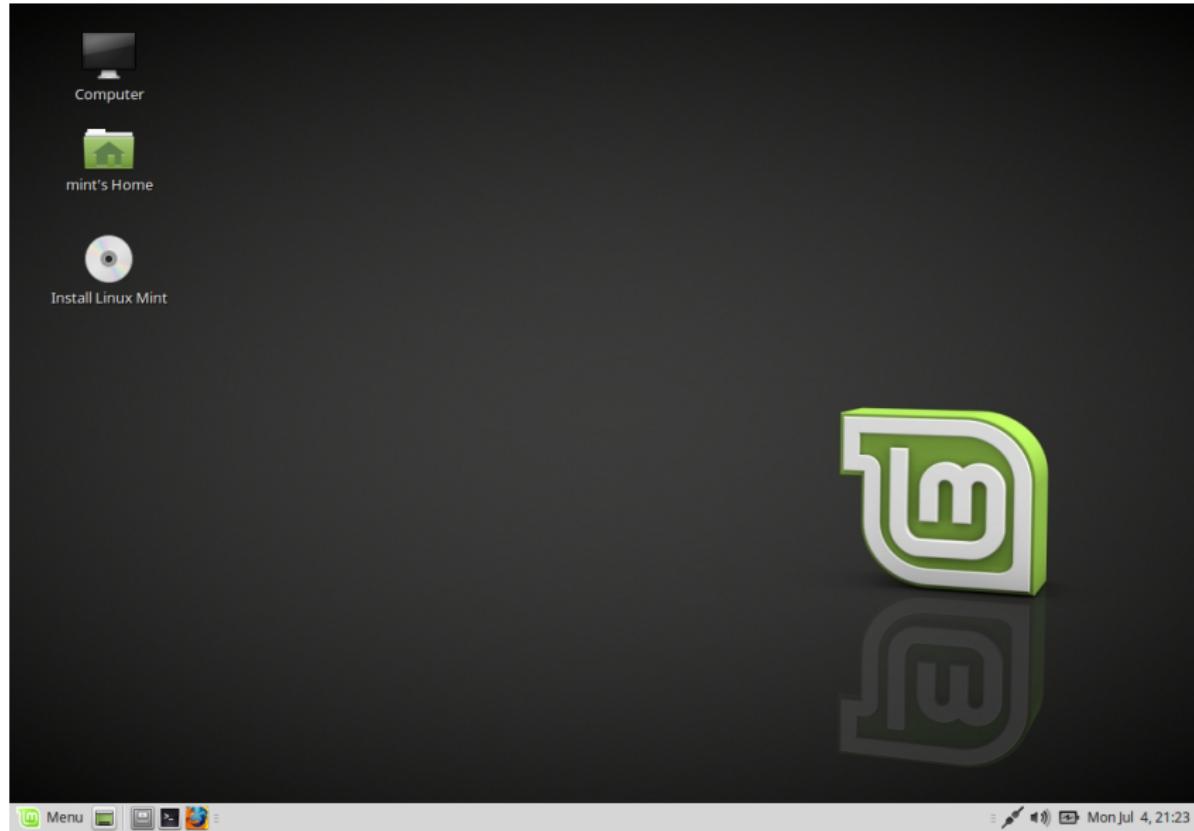
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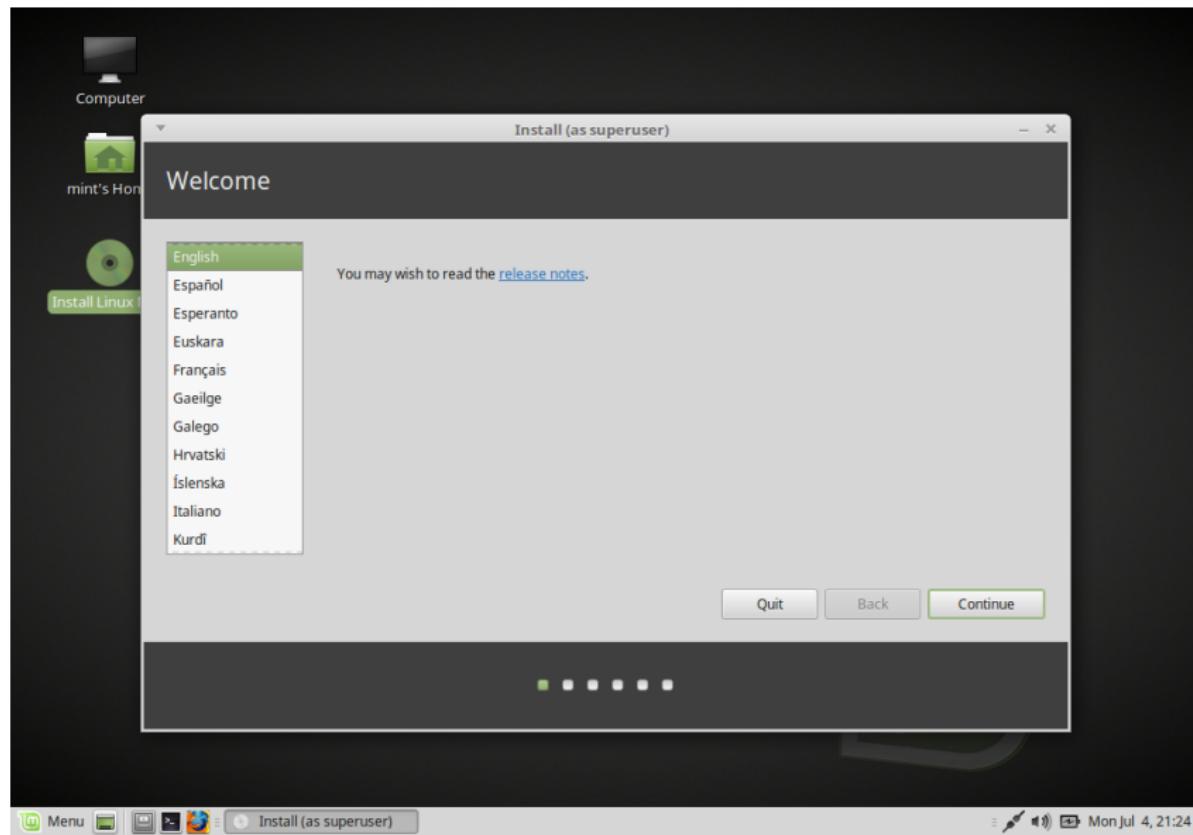
3.1- Instalação do Linux Mint



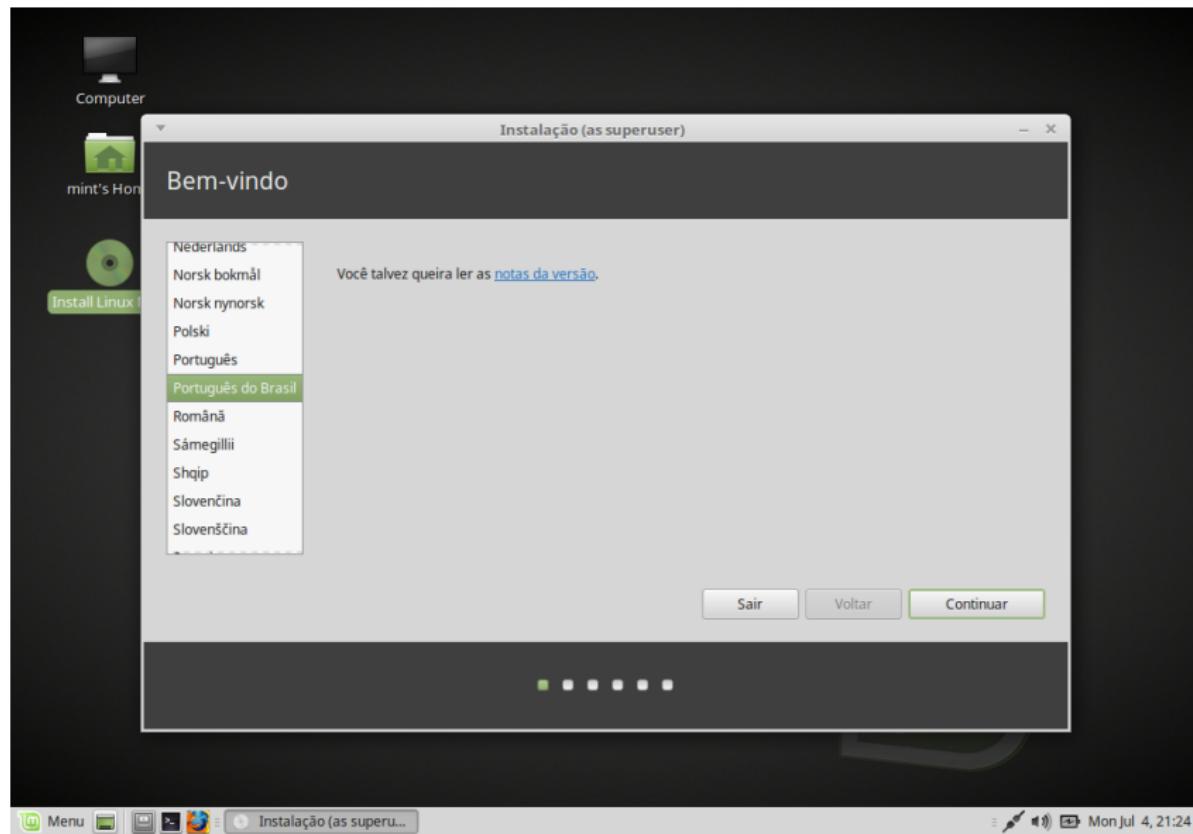
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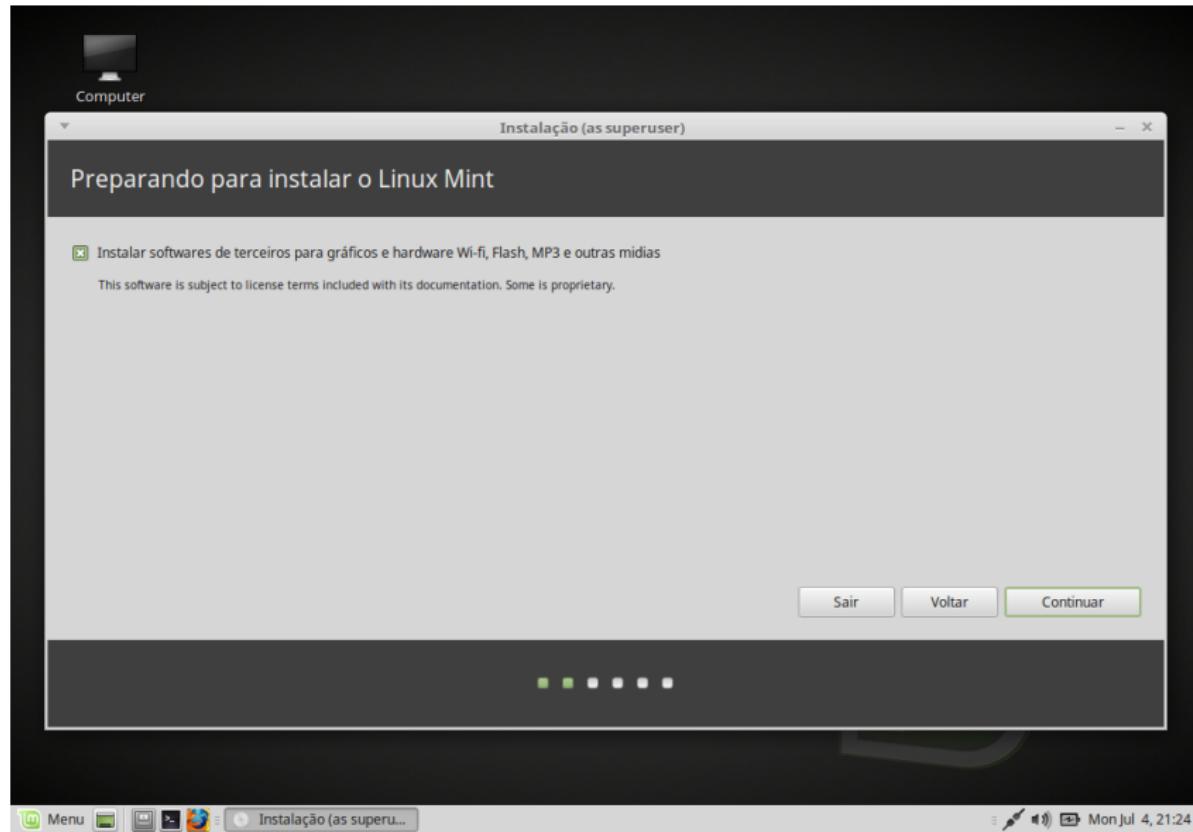
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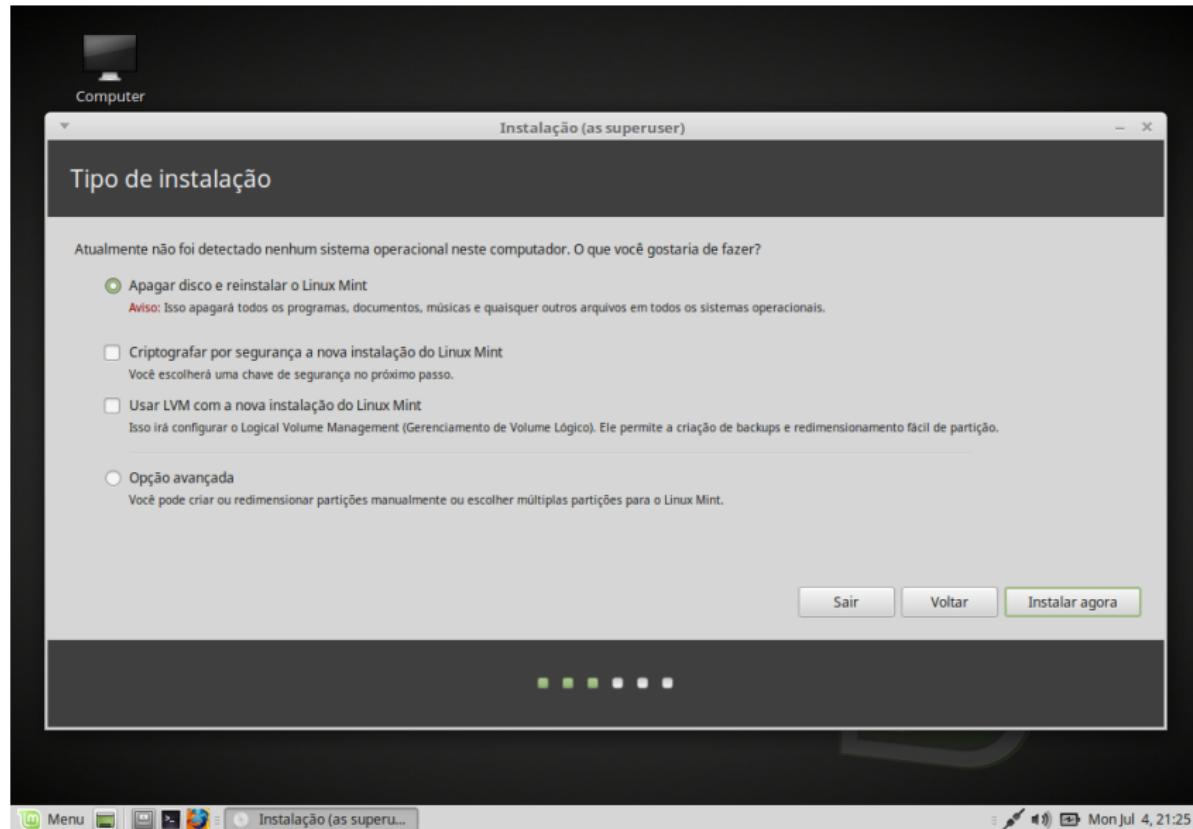
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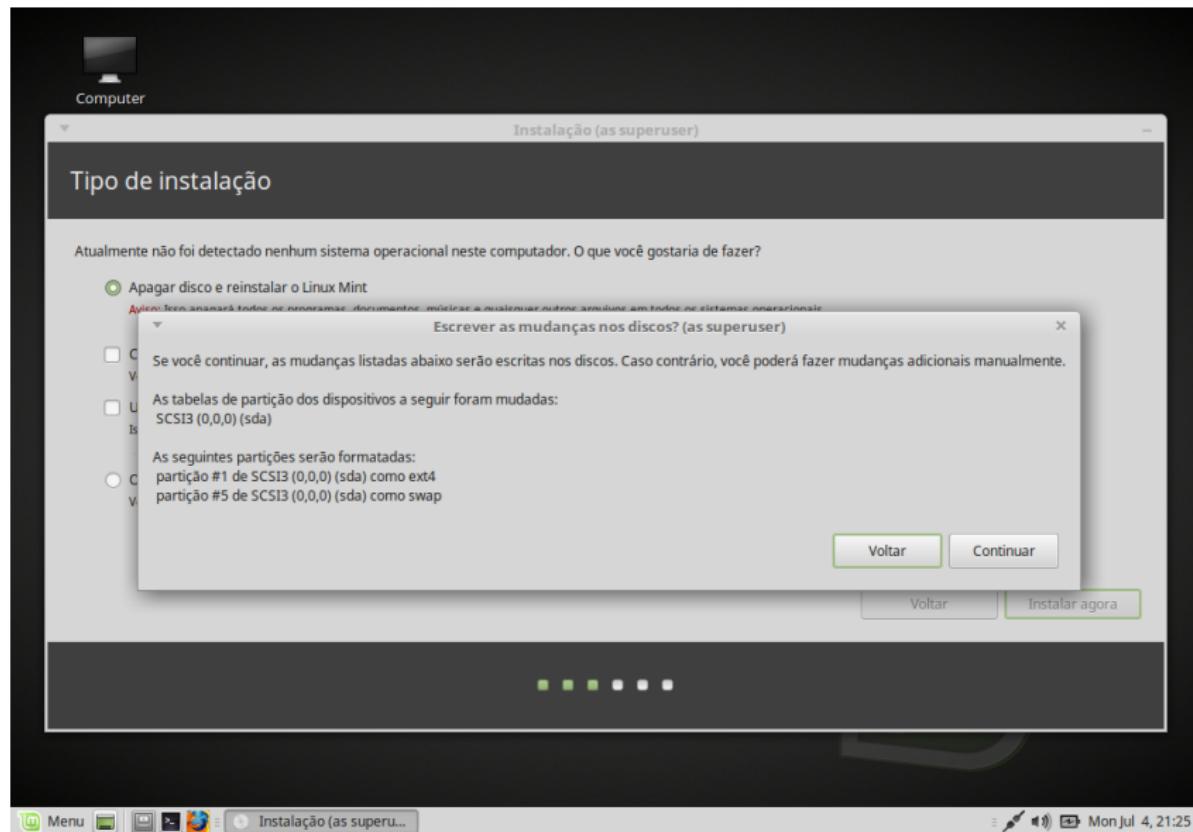
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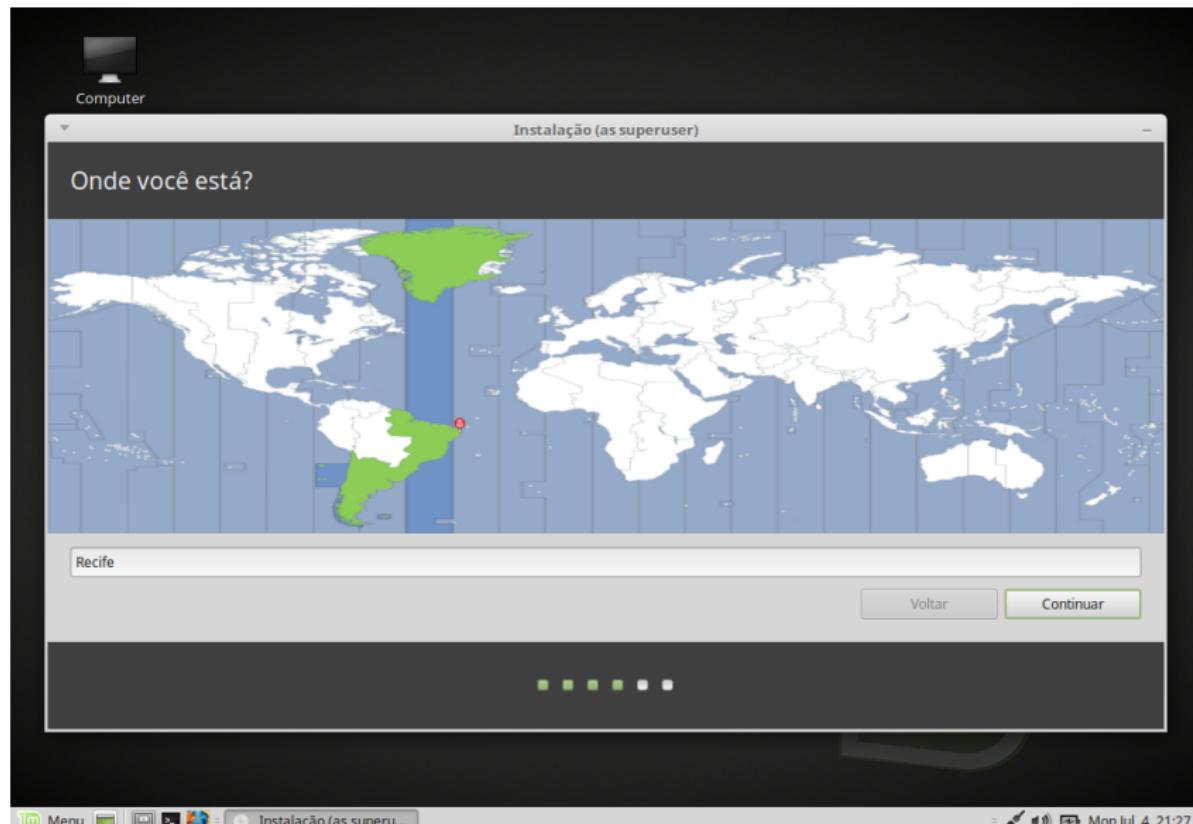
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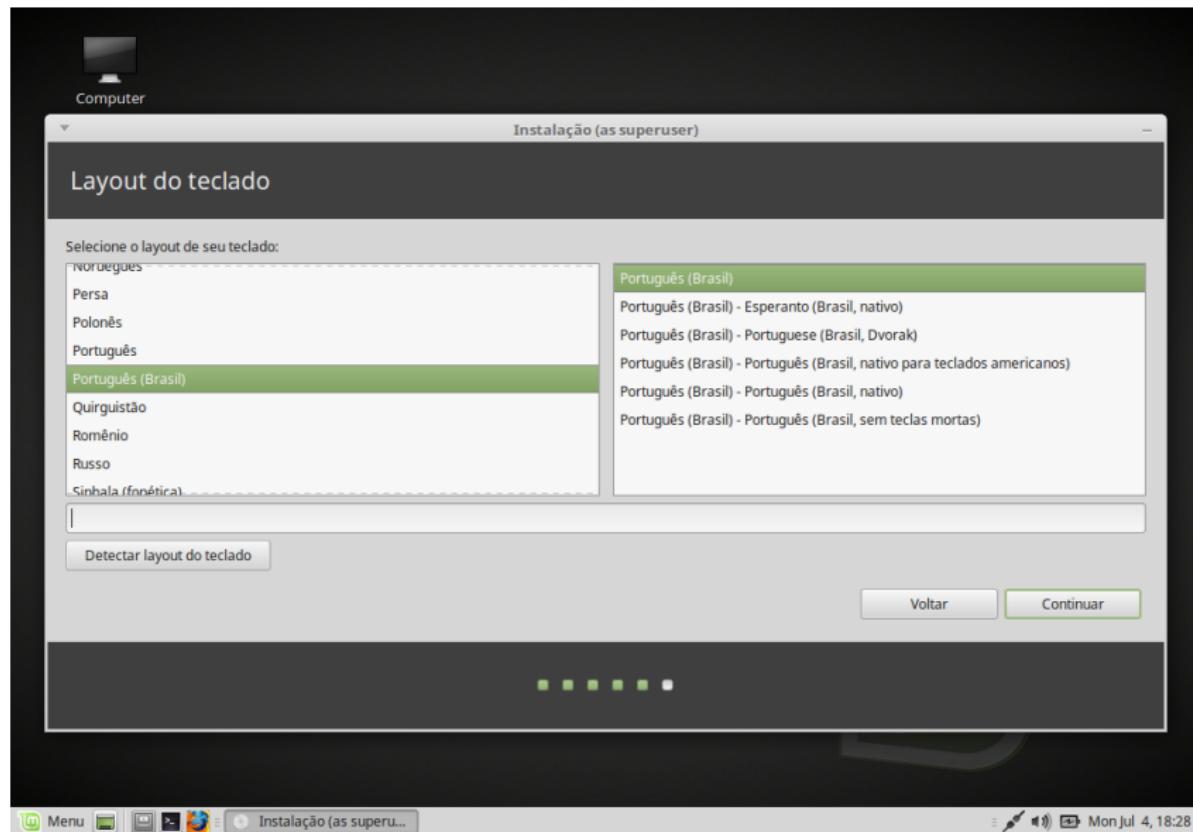
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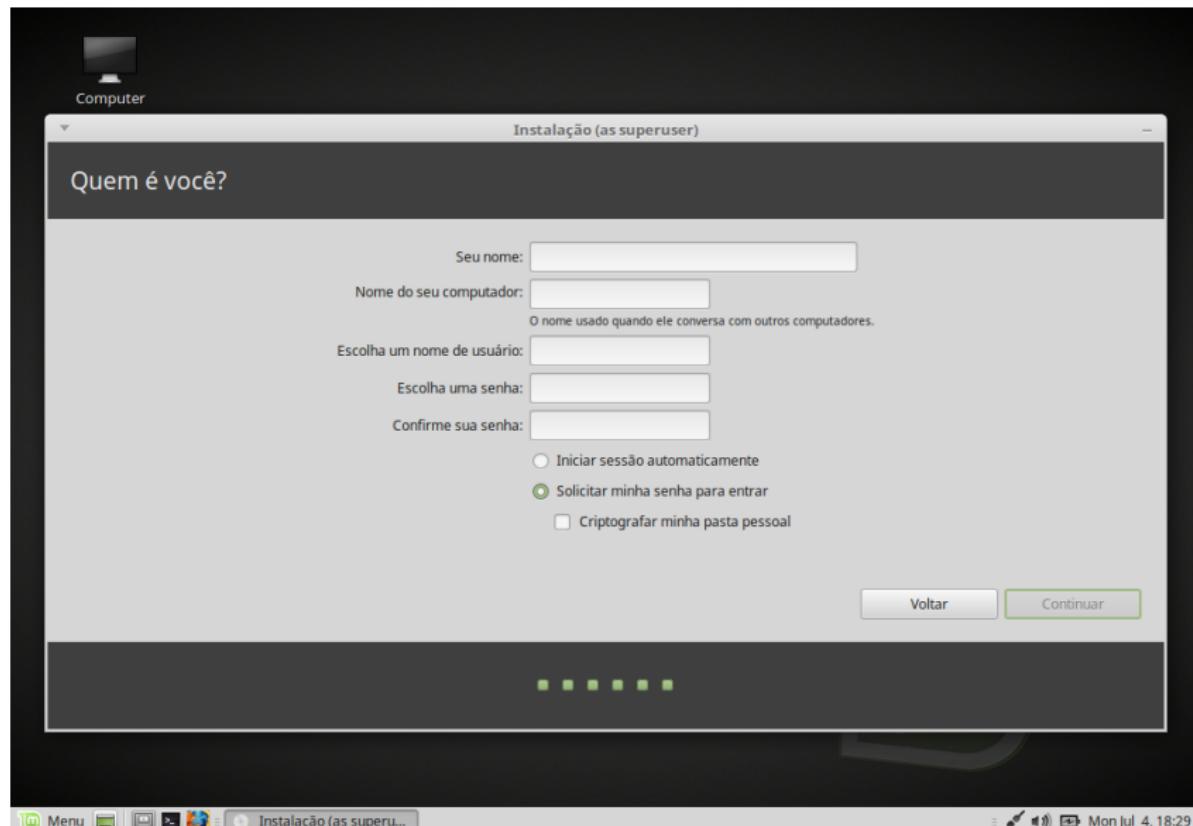
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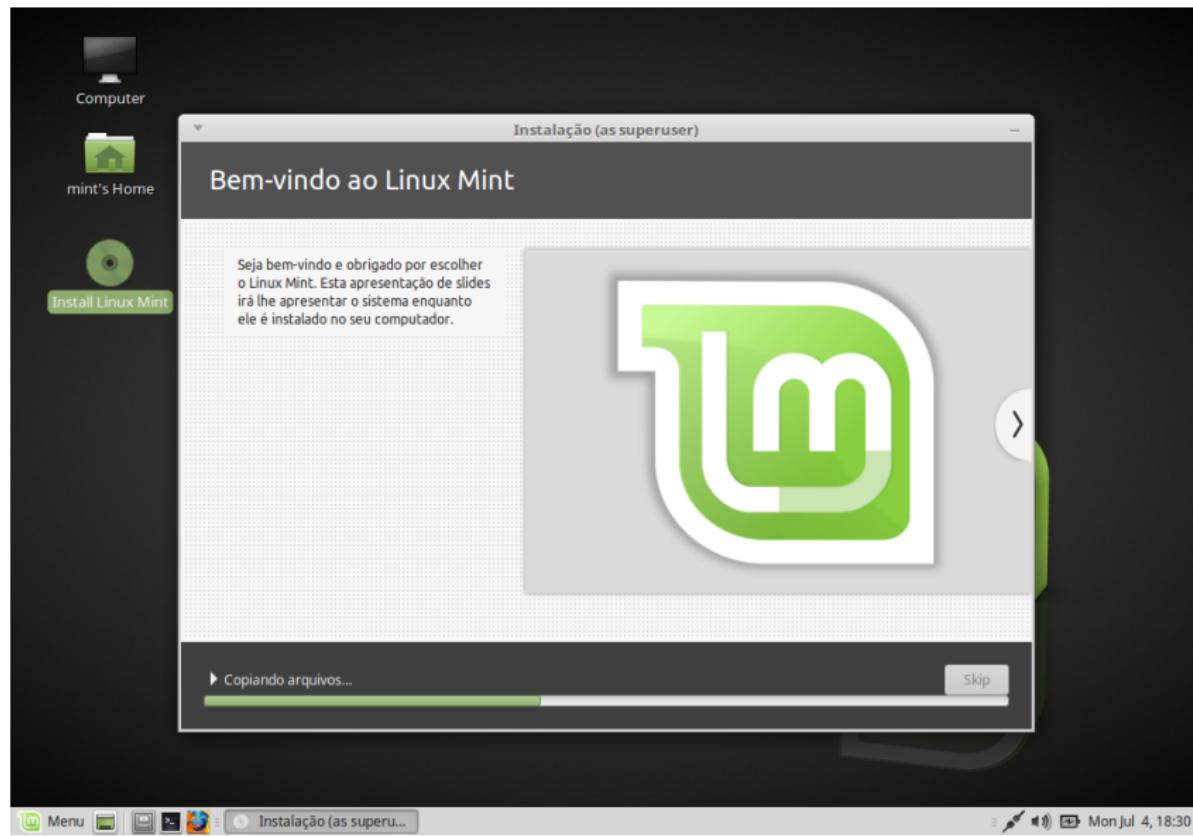
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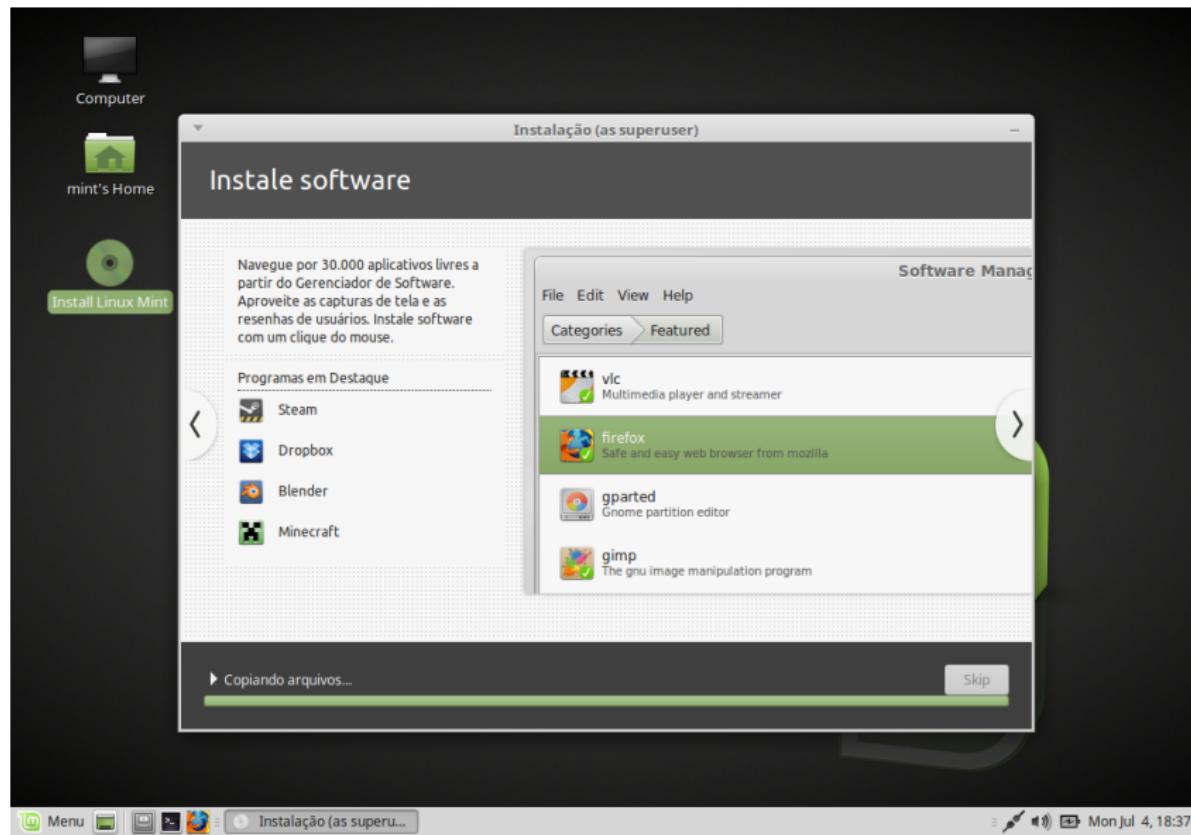
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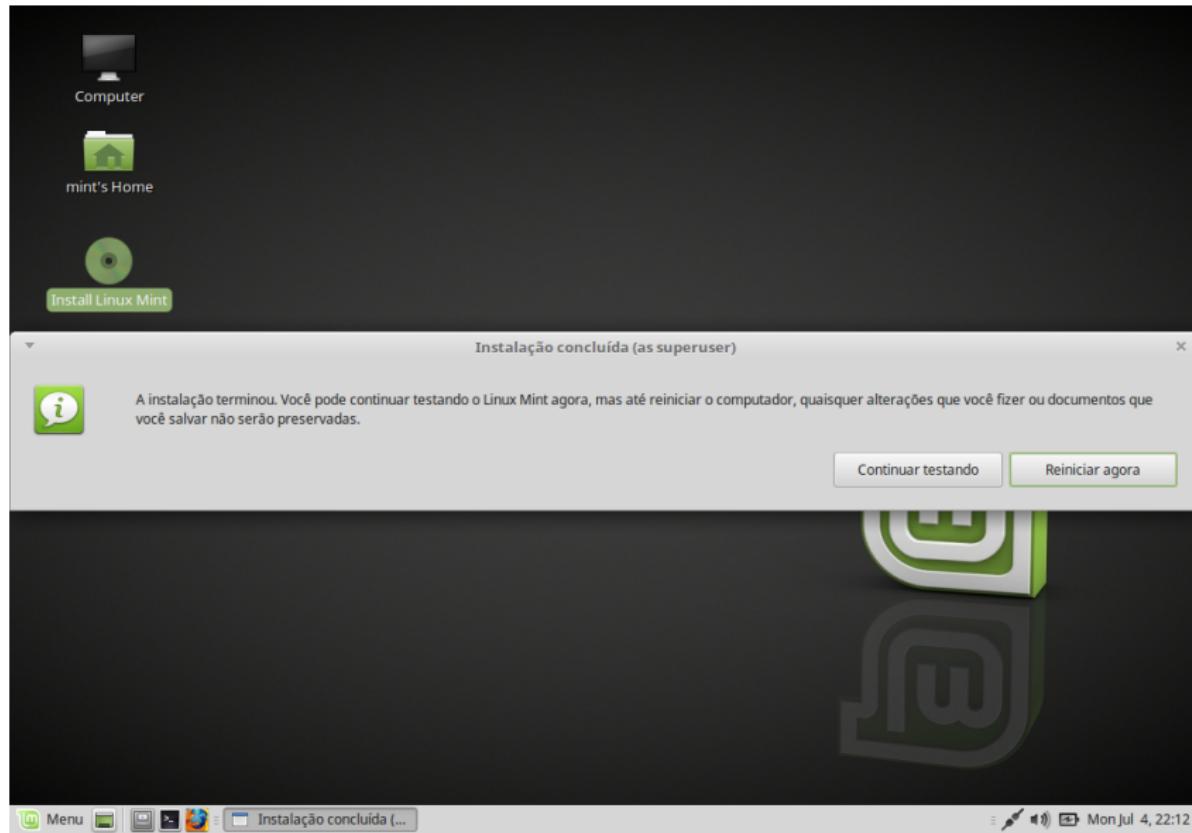
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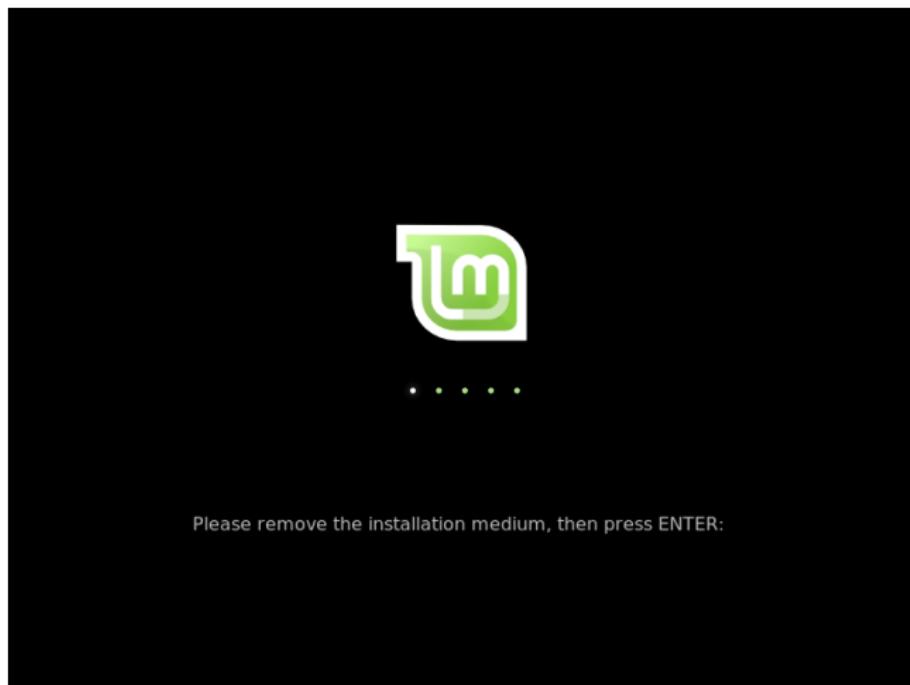
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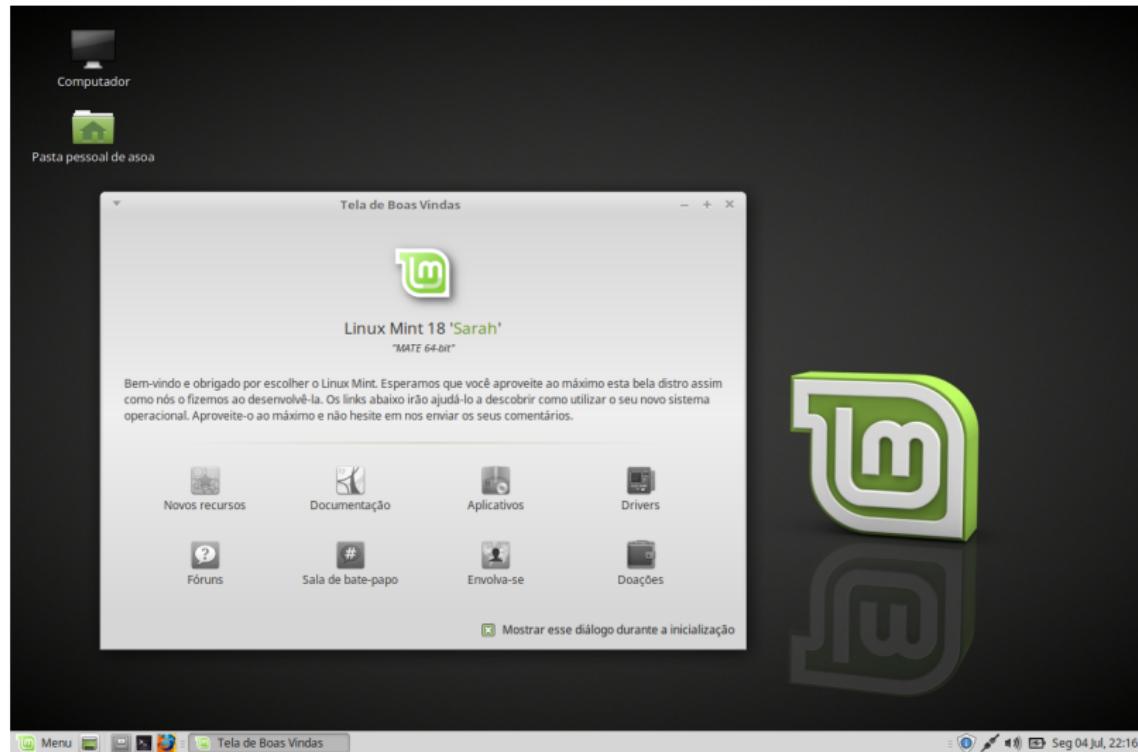
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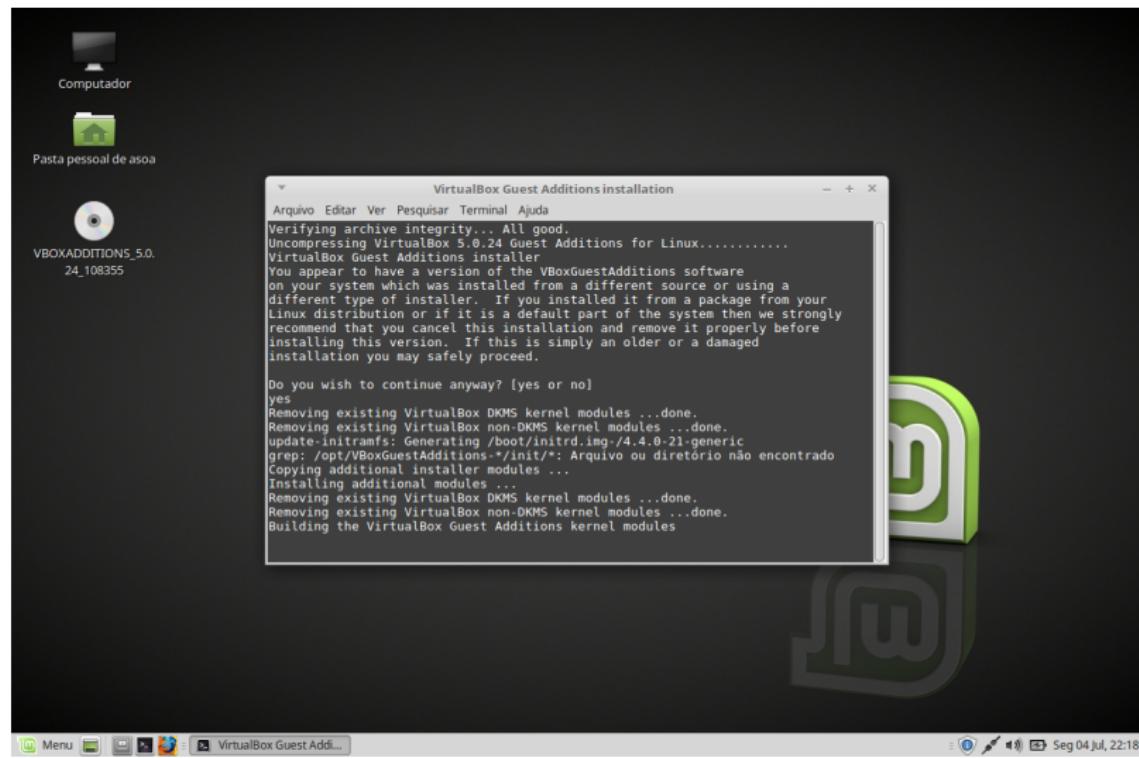
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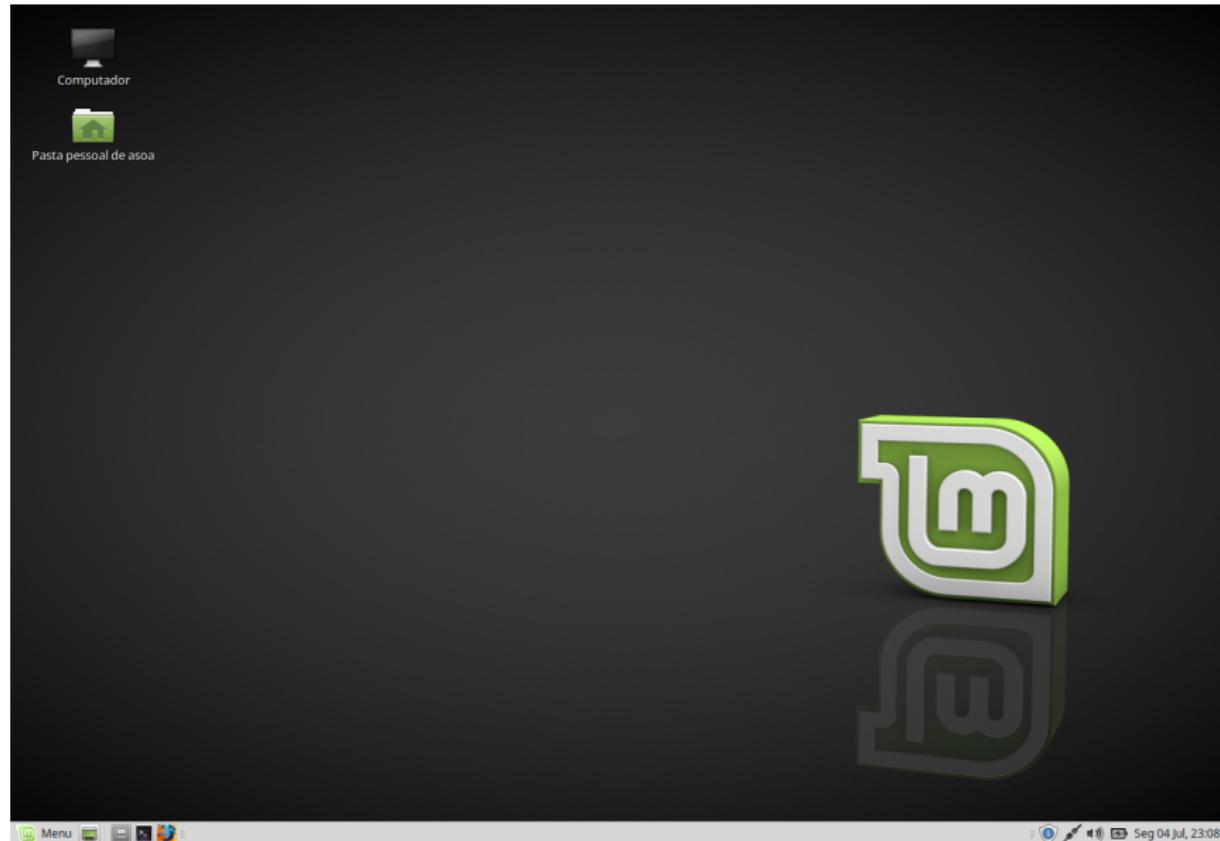
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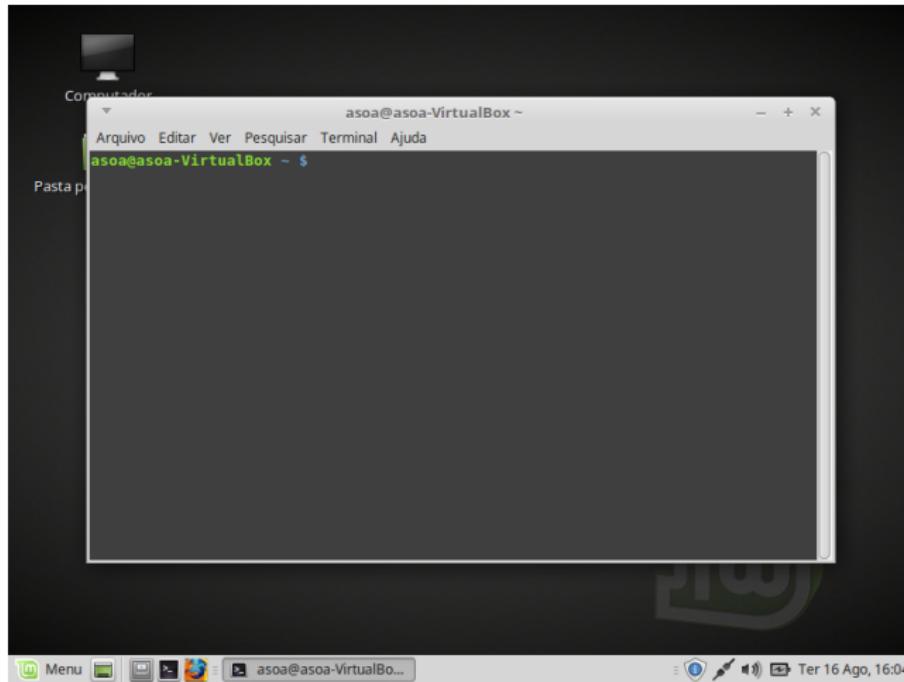
3.1- Instalação do Adicional para Convidados no Linux Mint



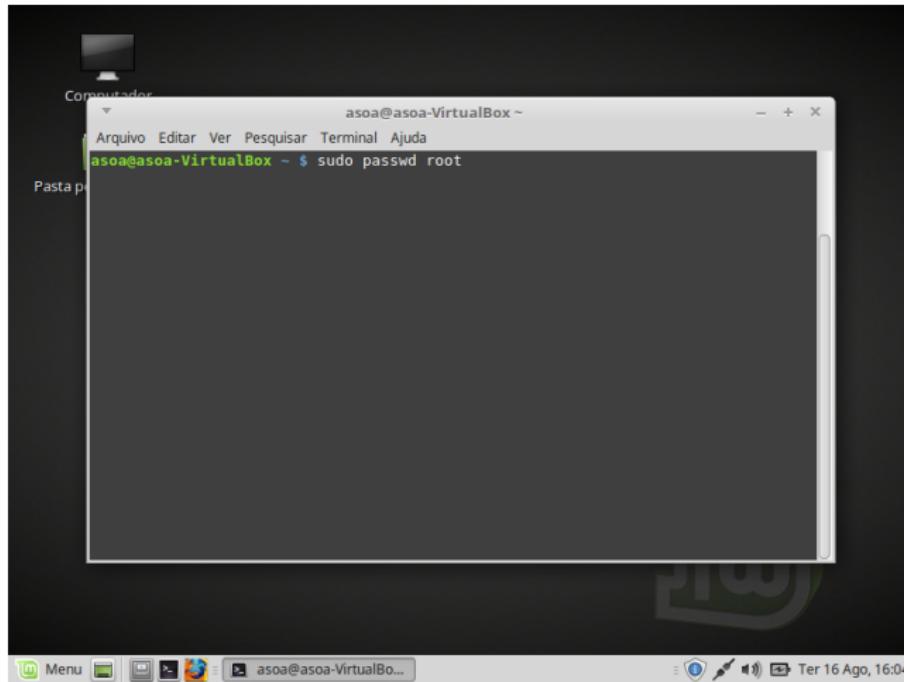
3.2- Criação da senha do root no Linux Mint



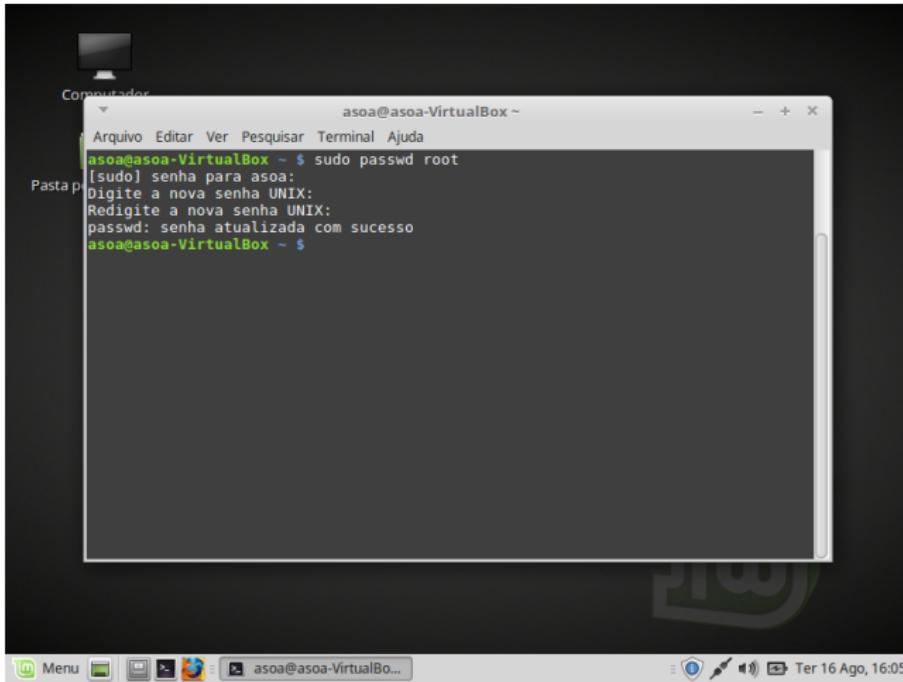
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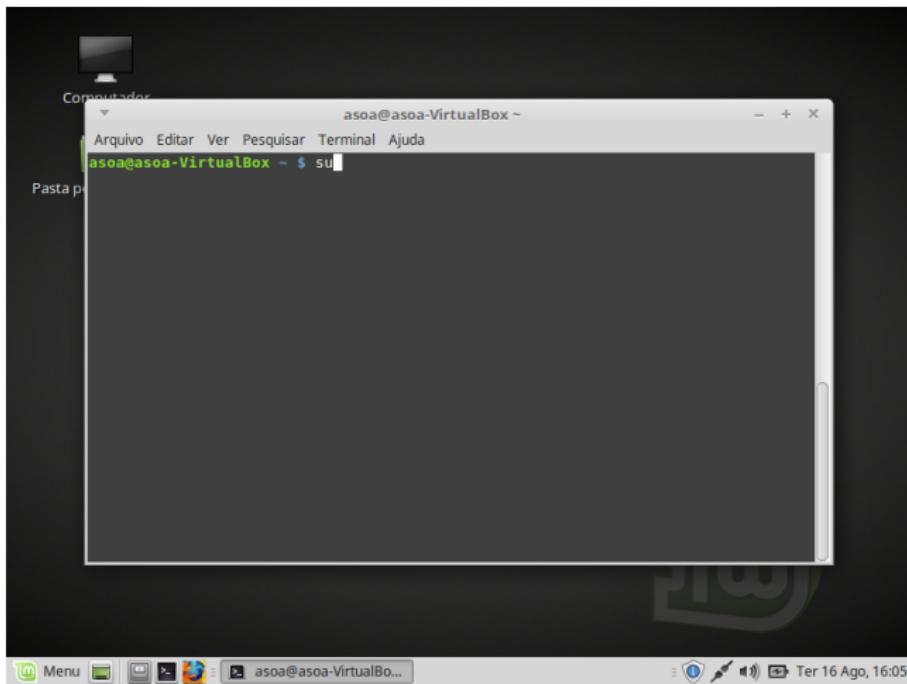
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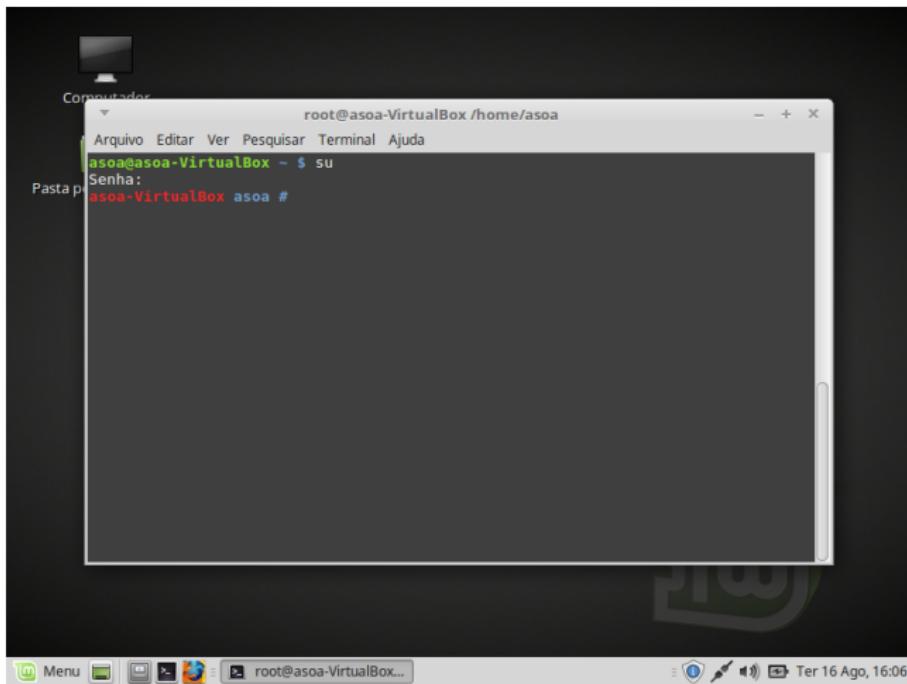
A screenshot of a Linux Mint desktop environment. In the center is a terminal window titled "Computador" with the command-line interface visible. The terminal shows the user as "asoia@asoia-VirtualBox ~" and is executing the command "sudo passwd root". It prompts for the old password ("[sudo] senha para asoa:"), asks for a new UNIX password ("Digite a nova senha UNIX:"), asks for a confirmation ("Redigite a nova senha UNIX:"), and then displays a success message ("passwd: senha atualizada com sucesso"). The desktop background features a dark theme with a green "IPB" logo watermark.

```
asoia@asoia-VirtualBox ~ $ sudo passwd root
[sudo] senha para asoa:
Digite a nova senha UNIX:
Redigite a nova senha UNIX:
passwd: senha atualizada com sucesso
asoia@asoia-VirtualBox ~ $
```

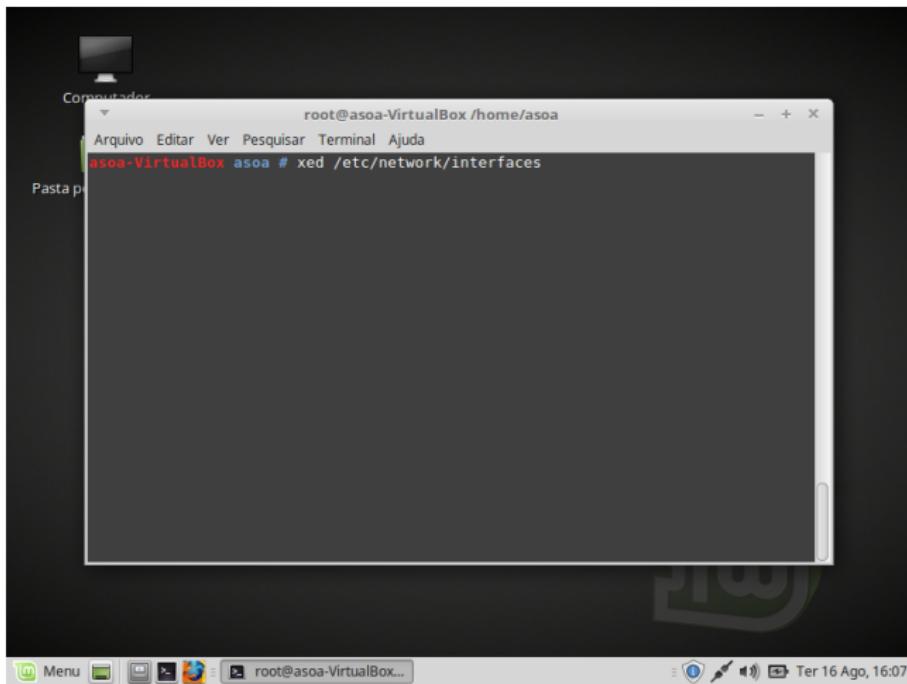
4.1- Configuração de Rede no Linux Mint



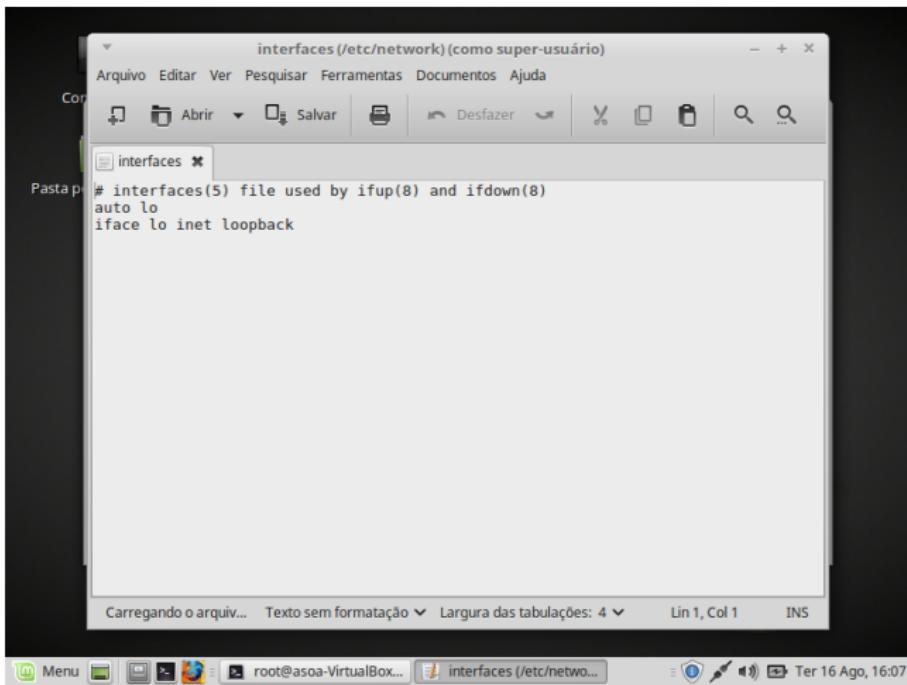
4.1- Configuração de Rede no Linux Mint



4.1- Configuração de Rede no Linux Mint



4.1- Configuração de Rede no Linux Mint



A screenshot of a terminal window titled "interfaces (/etc/network) (como super-usuário)". The window has a menu bar with "Arquivo", "Editar", "Ver", "Pesquisar", "Ferramentas", "Documentos", and "Ajuda". Below the menu is a toolbar with icons for "Abrir" (Open), "Salvar" (Save), "Desfazer" (Undo), and others. The main area shows the contents of the /etc/network/interfaces file:

```
# interfaces(5) file used by ifup(8) and ifdown(8)
auto lo
iface lo inet loopback
```

At the bottom of the terminal window, there is status information: "Carregando o arquivo...", "Texto sem formatação", "Largura das tabulações: 4", "Lin 1, Col 1", and "INS". The terminal window is running on a Linux Mint desktop environment, as indicated by the window title and the desktop interface elements at the bottom.

4.2- Config. de Rede para obter o IPv4 Automaticamente

The screenshot shows a terminal window with the title "*interfaces (/etc/network) (como super-usuário)". The window contains the configuration file for network interfaces:

```
# interfaces(5) file used by ifup(8) and ifdown(8)
auto lo
iface lo inet loopback

#Algumas distribuicoes linux usam eth0 (ou enp0s3 )
#Placa de rede para obter as configuracoes automaticamente de um servidor DHCP

auto enp0s3
iface enp0s3 inet dhcp
```

The status bar at the bottom indicates "Texto sem formatação" and "Largura das tabulações: 4". The bottom right corner shows the date and time: "Ter 16 Ago, 16:13".

4.3- Config. de Rede com IPv4 Manual

The screenshot shows a terminal window with the title "*interfaces (/etc/network) (como super-usuário)". The window contains the configuration for the /etc/network/interfaces file. The configuration includes a comment about the file being used by ifup(8) and ifdown(8), an entry for the loopback interface (auto lo), and a section for an interface named enp0s3. This section specifies an static IP address of 192.168.13.10, a netmask of 255.255.255.0, and a gateway of 192.168.13.1.

```
# interfaces(5) file used by ifup(8) and ifdown(8)
auto lo
iface lo inet loopback

#Algumas distribuicoes linux usam eth0 (ou enp0s3 )
#Placa de rede com configuracoes de rede manuais

auto enp0s3
iface enp0s3 inet static

    address 192.168.13.10
    netmask 255.255.255.0
    gateway 192.168.13.1
```

Contato

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