

vagrant libvirt- Astra Linux

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- Astra Linux Special Edition .10015-01 (1.7)
[2022-0819SE17](#) (1.7.2) 1.7.2

Vagrant [QEMU/KVM](#) [Astra Linux](#). , , Vagrant.

[QEMU/KVM](#).



() virtio. vagrant . (SATA SCSI), .

Vagrant :

1. vagrant, (Astra Linux Special Edition -). (), :
 - a. vagrant:

```
sudo useradd -m -s /bin/bash -G astra-admin vagrant
```

```
:  
-m - ;  
-s /bin/bash - ;  
-G astra-admin - astra-admin, sudo ;
```

- b. vagrant :

```
sudo passwd vagrant
```

, SSH .

- c. Astra Linux Special Edition vagrant :

```
sudo pdpl-user -i 63 vagrant
```

2. , ssh ():
 - a. openssh-server:

```
sudo apt install openssh-server
```

- b. :

```
sudo systemctl enable ssh
```

- c. ssh vagrant :

```
wget https://raw.githubusercontent.com/hashicorp/vagrant/master  
/keys/vagrant.pub  
ssh-copy-id -f -i vagrant.pub vagrant@localhost
```

3. vagrant, NFS:

```
sudo apt install nfs-common
```

4. , ;

5. .

Vagrnt

qcow2 vagrant , , vagrant . :

1. qemu-utils:

```
sudo apt install qemu-utils
```

2. qcow2 vagrant. : https://raw.githubusercontent.com/vagrant-libvirt/vagrant-libvirt/master/tools/create_box.sh, : <https://github.com/vagrant-libvirt/vagrant-libvirt>. , , : create-box.sh. create-box.sh :

```
chmod +x create-box.sh
```

3. vagrant . :

```
./create-box.sh <____> <__vagrant> <____>
```



QEMU/KVM , :

```
virsh dumpxml <__> | grep "<source file"
```

(, vagrantfile.add):

- a. :

```
config.vm.guest = "astra"
```

- b. NFS ():

```
config.nfs.verify_installed = false;
```

- c. /vagrant , :

```
config.vm.synced_folder ".", "/vagrant", disabled: true
```

Vagrant

, vagrant, :

- vagrant;
- QEMU/KVM;
- vagrant- vagrant-libvirt (vagrant-libvirt);
- vagrant-plugin-astra.

:

(. [Astra Linux Special Edition x.7:](#),) 1.7.2 :

```
sudo apt install astra-kvm vagrant vagrant-libvirt vagrant-plugin-astra
```

, , kvm, libvirt, libvirt-qemu, libvirt-admin (. [QEMU/KVM Astra Linux](#)):

```
sudo usermod -a -G kvm,libvirt,libvirt-admin,libvirt-qemu <_>
```

Vagrant Vagrant

1. vagrant .



2. :

```
mkdir vagrant-astra  
cd vagrant-astra
```

3. vagrant, vagrant:

```
vagrant init <____vagrant>
```

4. vagrant, libvirt:

```
vagrant up --provider libvirt
```

5. ssh (id):

```
vagrant ssh -- "id"
```