

# Astra Linux

- 
- [QEMU/libvirt](#)
  - [spice-vdagent](#)
- [Oracle VirtualBox](#)
  - [Oracle VirtualBox](#)
- [VMWare](#)
  -



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- Astra Linux Special Edition .10015-01 ( 1.7), .10015-10
- Astra Linux Special Edition .10015-17
- Astra Linux Special Edition .10015-37 ( 7.7)
- Astra Linux Special Edition .10015-03 ( 7.6)
- Astra Linux Special Edition .10015-01 ( 1.6)
- Astra Linux Special Edition .10015-16 . 1
- Astra Linux Common Edition 2.12

	1	4
	1024	4096
	9	20

## QEMU/libvirt

Astra Linux Common Edition 2.12 Astra Linux Special Edition .10015-01 ( 1.6) .10015-16 . 1 QEMU/libvirt "Debian 9".

### spice-vdagent

spice-vdagent Astra Linux Common Edition 2.12 Astra Linux Special Edition:

- Astra Linux Special Edition .10015-01 ( 1.6) - [20191029SE16 - 4](#)
- Astra Linux Special Edition .10015-16 . 1 - [20201007SE16](#)

spice-vdagent :

```
sudo apt install spice-vdagent
```

## Oracle VirtualBox

Astra Linux Oracle VirtualBox :

	Linux
	Debian (64 bit)

### Oracle VirtualBox

1. , ( Astra Linux Special Edition ).  
Astra Linux Special Edition .10015-01 ( 1.6) Astra Linux Special Edition .10015-16 . 1 ( [Astra Linux](#) ).
2. " ' ' ( , );  
, ( 5.2.12 VBoxGuestAdditions\_5.2.12.iso).
3. MC, . ' ' :

```
sudo mount /dev/sr0 /mnt
```

4. :

```
sudo bash /mnt/VBoxLinuxAdditions.run
```

5. , . :

```
sudo apt install gcc make perl linux-headers-`uname -r`
```

6. :

```
sudo bash /mnt/VBoxLinuxAdditions.run
```

7. .  
8. lsmod | grep -io vboxguest modinfo vboxguest

```
modinfo vboxguest
```

```
filename:      /lib/modules/4.15.3-1-generic/misc/vboxguest.ko
version:      5.2.12 r122591
license:      GPL
description:   Oracle VM VirtualBox Guest Additions for Linux Module
author:       Oracle Corporation
srcversion:   97DF7F909E8F8138956CB2D
alias:        pci:v000080EEd0000CAFEsv00000000sd00000000bc*sc*i*
depends:
retpoline:    Y
name:         vboxguest
vermagic:     4.15.3-1-generic SMP mod_unload
```



, , " " " Drag and Drop".

, , Drag and Drop, "/tmp/VirtualBox Dropped Files"

## VMWare

Astra Linux VMware . :

, , F6 () acpi=off

VirtualBox .