Enabling Paravirtualization

➤ To enable Paravirtualization:

> ⓘ **Note**
>
> The example below works on RHEL7.* without a Network Manager.

1. Create a bridge.

```
vim /etc/sysconfig/network-scripts/ifcfg-bridge0
DEVICE=bridge0
TYPE=Bridge
IPADDR=12.195.15.1
NETMASK=255.255.0.0
BOOTPROTO=static
ONBOOT=yes
NM_CONTROLLED=no
DELAY=0
```

2. Change the related interface (in the example below bridge0 is created over eth5).

```
DEVICE=eth5
BOOTPROTO=none
STARTMODE=on
HWADDR=00:02:c9:2e:66:52
TYPE=Ethernet
NM_CONTROLLED=no
ONBOOT=yes
BRIDGE=bridge0
```

3. Restart the service network.

4. Attach a bridge to VM.

```
ifconfig -a

...

eth6 Link encap:Ethernet HWaddr 52:54:00:E7:77:99
inet addr:13.195.15.5 Bcast:13.195.255.255 Mask:255.255.0.0
inet6 addr: fe80::5054:ff:fee7:7799/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:481 errors:0 dropped:0 overruns:0 frame:0
TX packets:450 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:22440 (21.9 KiB) TX bytes:19232 (18.7 KiB)
Interrupt:10 Base address:0xa000

...
```