

# Adding secondary VNIC to Linux Compute steps

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## Overview steps

- Add a new VNIC in your Compute instance.
- Copy and run the script.
- Add this script to run on boot.

On OCI console Navigate to your Compute instance. In the Resources section, click **Attached VNICs** and click **Create VNIC**.

The screenshot shows the OCI console interface. On the left, the 'Resources' section is expanded, and 'Attached VNICs' is selected. The 'Attached VNICs' section shows a table with one entry: 'Agfa-ol85 (Primary VNIC)'. The 'Create VNIC' dialog is open, showing 'VNIC information' with fields for Name (vNIC1), Select a virtual cloud network (SharathKumar), and Network (Normal setup: subnet).

A screenshot of the Resources section of the example instance with the Attached VNICs section expanded.

Then fill in all the details, including which VCN and which subnet you want to attach to the instance.

## Download Copy and run this script



secondary\_vnic\_all\_c  
onfigure.sh

Next, you need to copy this script in the Compute instance and run it with the following command:

```
# <script_path>/secondary_vnic_all_configure.sh -c</script_path>
```

Then you can verify that the IP has been configured.

```
# ip addr
```

However, if the instance is rebooted, the script needs to be run again for the IP to be assigned and routing to be added.

Proceed to next step to configure it to run during each reboot.

## Add this script to run on boot

Copy the script to /usr/local/sbin with the following command

```
$ sudo cp /tmp/secondary_vnic_all_configure.sh /usr/local/sbin
```

## Create a service file

```
$ sudo vi /etc/systemd/system/secondary_vnic.service
```

## Add the following content to the service file:

```
[Unit]
Description=Setting the secondary vnic
After=default.target
[Service]
Type=oneshot
RemainAfterExit=yes
ExecStart=/usr/local/sbin/secondary_vnic_all_configure.sh -c
[Install]
WantedBy=multi-user.target
```

## Then enable the service.

```
$ sudo systemctl enable secondary_vnic.service
```


Reboot the system with the following command. The VNIC and IP address come up as when you run the script manually.

```
$ sudo reboot
```

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