

Set RX/TX on boot before network.online

Check current RX TX values

```
ethtool -g enp0s31f6
```

The output

The output of this command should look like this:

```
Ring parameters for enp0s31f6:
Pre-set maximums:
RX:                4096
RX Mini:           0
RX Jumbo:          0
TX:                4096
Current hardware settings:
RX:                256
RX Mini:           0
RX Jumbo:          0TX:                256
```

As you can see we should set much higher values.

Create ethtool script

```
nano /usr/bin/network_rx_tx.sh
```

Add these lines to `network_rx_tx.sh`

```
#!/bin/bash  
ethtool -G enp0s31f6 rx 4096 tx 4096echo "RX TX has been set to 4096"
```

Create the startup script

You can use ifup.pre or other ways to run the script, but with `systemd-networkd` you should follow the next steps.

```
nano /lib/systemd/system/network-rx-tx.service
```

Add these lines to `network-rx-tx.service`

```
[Unit]  
Description=NetworkRXTX Setter  
#Before=network-pre.target  
#Wants=network-pre.target  
DefaultDependencies=no  
Requires=local-fs.target  
After=local-fs.target  
[Service]  
#Type=oneshot  
ExecStart=/usr/bin/network_rx_tx.sh  
RemainAfterExit=yes
```

```
[Install]WantedBy=network.target
```

Enable the service

```
systemctl enable network-rx-tx.service
```

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