# Basic Networking - Exercises

| | Exercise 1 |
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| | In this exercise you will work with links or nics. |
| 1-1 | List your network interface cards<br><br>hint: use the **ifconfig** command or the **ip link** command. |
| | List your network interface cards<br><br>hint: use the nmcli command. |
| | List all properties of the eth0 interface, or does your NIC have a different name?<br><br>hint: use the `ethtool` command. |

| | Exercise 2 |
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| | In this exercise you will list your ip configuration |
| 1-1 | List the ip address of your NIC.<br><br>hint: use the `ifconfig` command. |
| | List your network interface cards<br><br>hint: use the nmcli command. |
| | List all properties of the NIC .<br><br>hint: use the `ethtool` command. |

| | Exercise 3 |
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| | In this exercise you will set your ip configuration for your interface. |

| 1-1 | Set a new static address for the eth1 interface. |
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| | hint: use the `nmcli con modify <NIC> ipv4.addresses` command. |
| | Add DNS server 1.1.1.1 to the eth1 connection |
| | hint: use the `nmcli con modify <NIC> +ipv4.dns` command |