

# Linux - How to get IP and MAC address of ethernet adapter in Linux

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## Linux - How to get IP and MAC address of ethernet adapter in Linux

Question : How to get MAC address of ethernet adapter in Linux?

Answer : ifconfig command can be used to obtain MAC address of ethernet adapter in Linux. Search for "HWaddr" value for MAC address for specific ethernet adapter from output of "ifconfig -a".

Alternative, "ifconfig <interface>" command can be used to display for specific ethernet adapter.

Example :

```
root@server # ifconfig <ethX> | grep HWaddr <-- To get MAC add for specific ethernet  
root@server # ifconfig -a | grep HWaddr <-- To get MAC add for all ethernet
```

Question : How to get IP address of ethernet adapter in Linux?

Answer : ifconfig command can be used to obtain IP address and subnet value of network interface in Linux.

Example :

```
root@server # ifconfig -a <-- To get IP add and subnet of all interface  
root@server # ifconfig <ethX> <-- To get IP add and subnet of specific interface
```

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