**Inlämningsuppgift grupp 31**

**EDA343**

Fabian Forslund & Simon Sundqvist

Examinator & kursansvarig: Ali Salehson

---// Remove the questions before turning in the document //---

**Task 1:**

**a)** Using a computer connected to the Internet through a public network (not home network);

what are the IP address and other IP configuration parameters of the active interface of the

computer? How can you do that? Show only the results regarding the active interface and

include in your report (Do NOT copy and paste every part of the outcome, only the hostname,

address, mask, default gateway, DHCP and DNS.

We connected to the eduroam network at Chalmers and used to linux terminal command “nmcli device show wlp1s0” to show information about the network to which we were connected, where “wlp1s0” is the name of the network interface on the computer we used.

hostname: fabfors-VivoBook-S13-X330UA

IP4.ADDRESS[1]: 10.0.36.127/16

IP6.ADDRESS[1]: 2001:6b0:2:2801:613d:88ce:8174:471a/64

IP6.ADDRESS[2]: 2001:6b0:2:2801:e7a0:a321:6f2a:2d76/64

IP6.ADDRESS[3]: fe80::f526:fa3e:de19:eb38/64

Netmask: 255.0.0.0

IP4.GATEWAY: 10.0.0.1

IP6.GATEWAY: fe80::208:e3ff:feff:fc78

IP4.DNS[1]: 10.0.0.1

IP4.DNS[2]: 10.0.0.2

IP6.DNS[1]: 2001:6b0:2:2801::c

IP6.DNS[2]: 2001:6b0:2:2801::d

**b)** What is the hostname of your computer (the one used in Task 1 a)? The hostname should be

the full domain name according to DNS. How can you do that? Verify and show the results.