

오픈소스 소프트웨어 실습

Open-Source Software Lab

#8

실습 담당 조교 연락처

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메일양식: [오픈소스]학번_수업일(20190000)_이름

호스트명: hostname

\$ hostname

사용중인 시스템의 호스트명을 출력한다.

```
[1111222333@node1 ~]$ hostname  
node1
```

IP 주소

\$ ip addr

사용중인 시스템의 IP 주소를 출력한다.

```
[1111222333@node1 ~]$ ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enol: <BROADCAST,MULTICAST,SLAVE,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast master bond0 state UP group default qlen 1000
    link/ether 2c:4d:54:45:9e:3b brd ff:ff:ff:ff:ff:ff
3: enp14s0: <BROADCAST,MULTICAST,SLAVE,UP,LOWER_UP> mtu 1500 qdisc mq master bond0 state UP group default qlen 1000
    link/ether 2c:4d:54:45:9e:3b brd ff:ff:ff:ff:ff:ff
4: bond0: <BROADCAST,MULTICAST,MASTER,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default qlen 1000
    link/ether 2c:4d:54:45:9e:3b brd ff:ff:ff:ff:ff:ff
```

DNS(Domain Name System)

\$ nslookup 호스트명

지정된 호스트의 IP 주소를 알려한다.

```
[1111222333@node1 ~]$ nslookup cs.hanyang.ac.kr
Server:                166.104.27.6
Address:               166.104.27.6#53

Name:   cs.hanyang.ac.kr
Address: 166.104.110.95
```

메시지 보내기: write

`$ write 사용자명 [단말기명]`

현재 로그인 되어있는 다른 사용자에게 메시지를 보낸다.

```
[1111222333@node1 ~]$ who
hci          :0                2019-04-11 22:54 (:0)
root         pts/0            2019-04-11 22:55 (:0)
1111222333   pts/28            2019-04-24 11:05 (166.104.185.49)
[1111222333@node1 ~]$ write hci pts/0
write: hci is not logged in on pts/0
```

호스트 확인: ping

\$ ping 호스트명

지정된 원격 호스트가 도달 가능한지 테스트하여 상태를 확인한다.

```
[1111222333@node1 ~]$ ping cs.hanyang.ac.kr
PING cs.hanyang.ac.kr (166.104.110.95) 56(84) bytes of data.
64 bytes from 166.104.110.95 (166.104.110.95): icmp_seq=1 ttl=59 time=3.01 ms
64 bytes from 166.104.110.95 (166.104.110.95): icmp_seq=2 ttl=59 time=2.88 ms
64 bytes from 166.104.110.95 (166.104.110.95): icmp_seq=3 ttl=59 time=3.20 ms
64 bytes from 166.104.110.95 (166.104.110.95): icmp_seq=4 ttl=59 time=3.04 ms
64 bytes from 166.104.110.95 (166.104.110.95): icmp_seq=5 ttl=59 time=2.99 ms
64 bytes from 166.104.110.95 (166.104.110.95): icmp_seq=6 ttl=59 time=2.95 ms
64 bytes from 166.104.110.95 (166.104.110.95): icmp_seq=7 ttl=59 time=3.25 ms
^C
--- cs.hanyang.ac.kr ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6003ms
rtt min/avg/max/mdev = 2.885/3.052/3.258/0.140 ms
```



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