Network Monitoring and Management
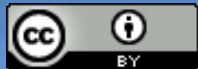
Welcome

Instructors

- Phil Regnauld, FR/DK
- Carlos Vicente, US/DO

Schedule

Session I	09:00-10:30
Break	10:30 - 11:00
Session II	11:00 - 12:30
Lunch	12:30 - 13:30
Session III	14:00 - 15:30
Break	15:30 - 16:00
Session IV	16:00 - 17:30+

– We finish around 17:30 / 18:30
– The breaks may be shorter, variable, etc.

Administrative matters

- **Agenda**
  - http://nsrc.org/workshops/2010/pacnog8-netmgmt/wiki/Agenda
- **During the workshop**
  - Ask questions when you have them – no need to wait!
  - Your experiences are very valuable – please share them.
  - The schedule is flexible and can be adjusted based on your feedback.
- **Course Materials**
  - Available on the course wiki listed above

Passwords and Users

There are two users on your machines:

General Usage User

   sysadmin

Administrative User

   root

The passwords are or will be written down at the front of the classroom.

Our Network

Start of the week - flat network with all hosts and routers on the backbone:

```
                              {internet}
                                  |
      AP1                  [m0n0wall] .254              AP2
       |.251                      |                      |.252
       |                          |                      |
   ---+--+-----+----+-+-----+----+-------+-+--10.10.254.0/24
          |     |    |      |     |       |
          |     |    |      |     |       |
          |     |    |      |     |       |
         R1    R2... R18   PC1   PC2 ... PC18
         .1    .2    .18   .101  .102    .118
```
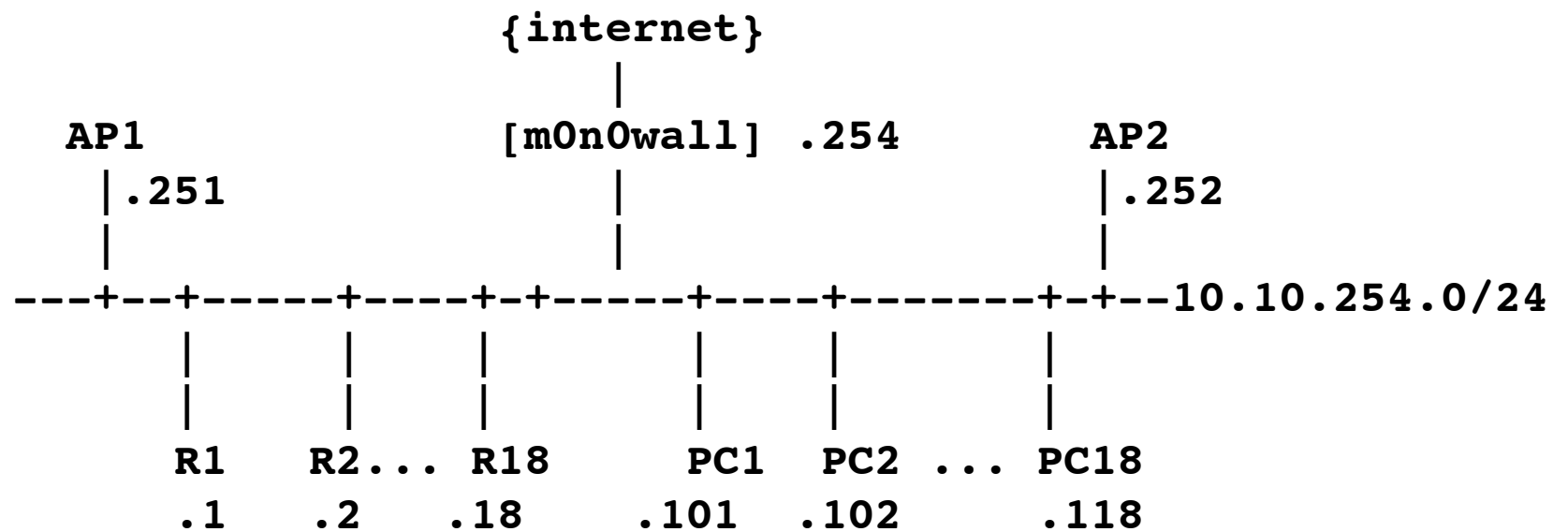
Our Network

Later during the week - routed network with 1 network / participant:

```
                              {internet}
                                  |
      AP1                 [m0n0wall]  .254            AP2
       |.251                    |                      |.252
       |                        |        10.10.254.    |
    ---+--+----------------+-+----------------+-+---- bbone
          |                   |                   |
          |.1                 |.2                 | .18
       R1                  R2       . . .       R18
          |  10.10.1.254      |  10.10.2.254      |  10.10.18.254
          |                   |                   |
          |                   |                   |
          |  10.10.1.1        |  10.10.2.1        |  10.10.18.1
       PC1                 PC2                 PC18
```
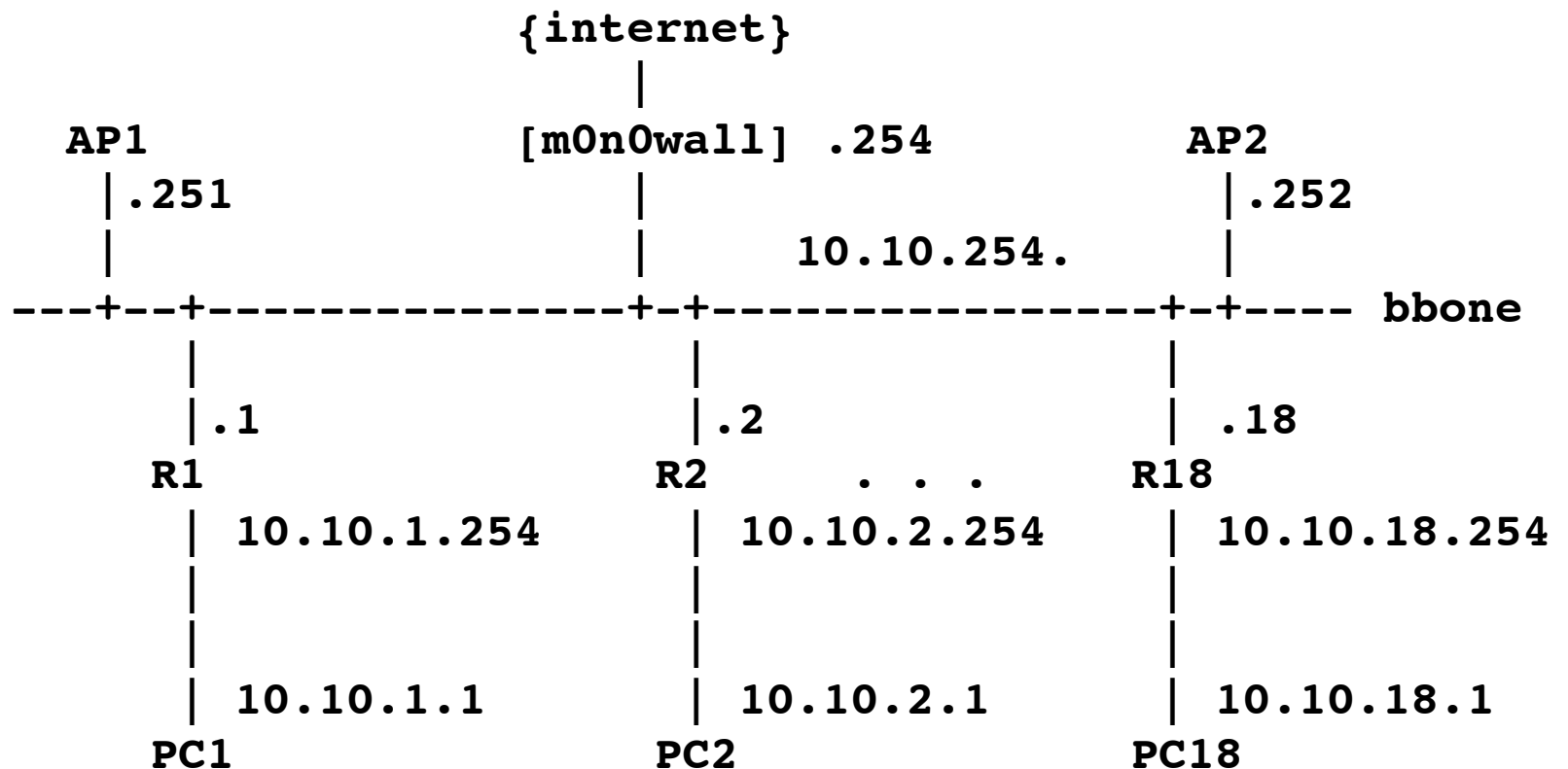
Questions

Do you have any before we start?