

Network Monitoring and Management

Welcome

Network Startup Resource Center
www.nsrc.org



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Workshop Schedule

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

Please come on time. If we start late, we will end late.

Workshop Instructors

Instructor	Country	Organisation
Dewole Ajao	Nigeria	BWC
Antoine Delvaux	Senegal/BE	GEANT/PSNC
Sunday Folayan	Nigeria	NSRC
Omo Oaiya	Nigeria	WACREN
Patrick Okui	Uganda	NSRC
Anna Secka Saine	Gambia	NSRC

Workshop Agenda

As on the Wiki

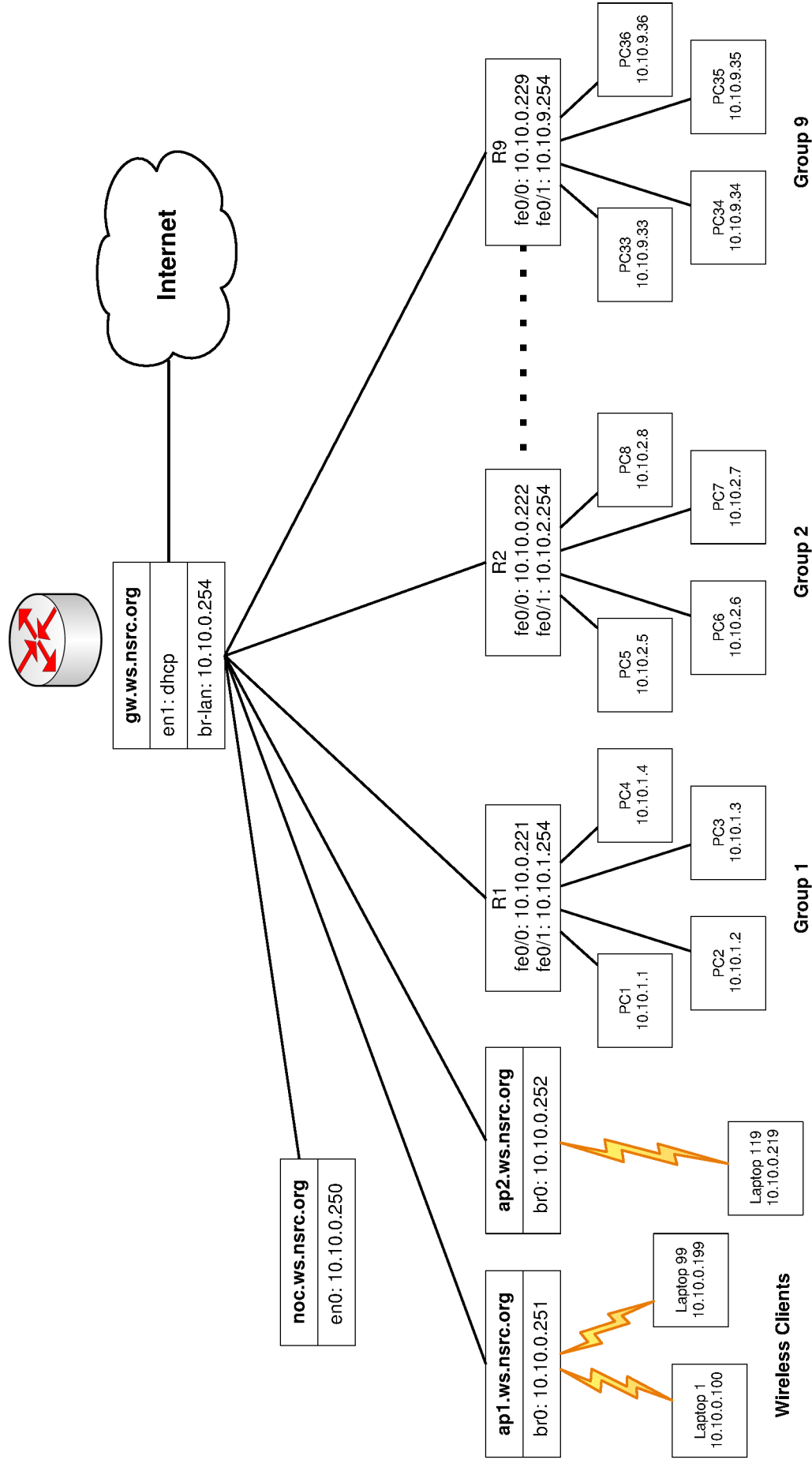
Administrative Items

- **Agenda**
 - <https://nsrc.org/workshops2015/wacren-nmm/wiki/Agenda>
- **During the course**
 - Please ask questions as you have them.
 - Your experiences are valuable. Please share them.
 - The schedule is somewhat flexible.
- **Course Materials**
 - <http://noc.ws.nsrc.org/>
 - Will be available permanently here:
 - <http://nsrc.org/workshops/2015/wacren-nmm>

Virtual Machine Access

- There are 36 Virtual Machines: pc1-pc36
- Each has two users:
 - General User: sysadm ← “s y s a d m”
 - Administrative User: root
- Password for sysadm is written on the board.

Network Diagram



Virtual Machine Groups

GROUP1	
rtr1→	10.10.1.254
pc1→	10.10.1.1
pc2→	10.10.1.2
pc3→	10.10.1.3
pc4→	10.10.1.4

GROUP2	
rtr1→	10.10.2.254
pc5→	10.10.2.5
pc6→	10.10.2.6
pc7→	10.10.2.7
pc8→	10.10.1.8

GROUP3	
rtr1→	10.10.3.254
pc9→	10.10.3.9
pc10→	10.10.3.10
pc11→	10.10.3.11
pc12→	10.10.3.12

GROUP4	
rtr4→	10.10.4.254
pc13→	10.10.4.13
pc14→	10.10.4.14
pc15→	10.10.4.15
pc16→	10.10.4.16

GROUP5	
rtr5→	10.10.5.254
pc17→	10.10.5.17
pc18→	10.10.5.18
pc19→	10.10.5.19
pc20→	10.10.5.20

GROUP6	
rtr6→	10.10.6.254
pc21→	10.10.6.21
pc22→	10.10.6.22
pc23→	10.10.6.23
pc24→	10.10.6.24

GROUP7	
rtr7→	10.10.7.254
pc25→	10.10.7.25
pc26→	10.10.7.26
pc27→	10.10.7.27
pc28→	10.10.7.28

GROUP8	
rtr8→	10.10.8.254
pc29→	10.10.8.29
pc30→	10.10.8.30
pc31→	10.10.8.31
pc32→	10.10.8.32

GROUP9	
rtr9→	10.10.9.254
pc33→	10.10.9.33
pc34→	10.10.9.34
pc35→	10.10.9.35
pc36→	10.10.9.36

We will assign PCs & Groups Now

- 7 total (virtual) routers
- 4 (virtual) Linux server images per router
 - 28 total virtual machine images

You will work in groups of 4 on some exercises

Please choose your location now

You will use your virtual machine all week

Questions

Please Ask Questions At Any Time!