

Network Monitoring and Management

Welcome to bdNOG03

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
Jonathan Brewer	New Zealand	NSRC
GZ Kabir	Bangladesh	bdCOM
Fakruk Pappu	Bangladesh	bdHub

Workshop Agenda

Show Briefing Slides
Show Wiki

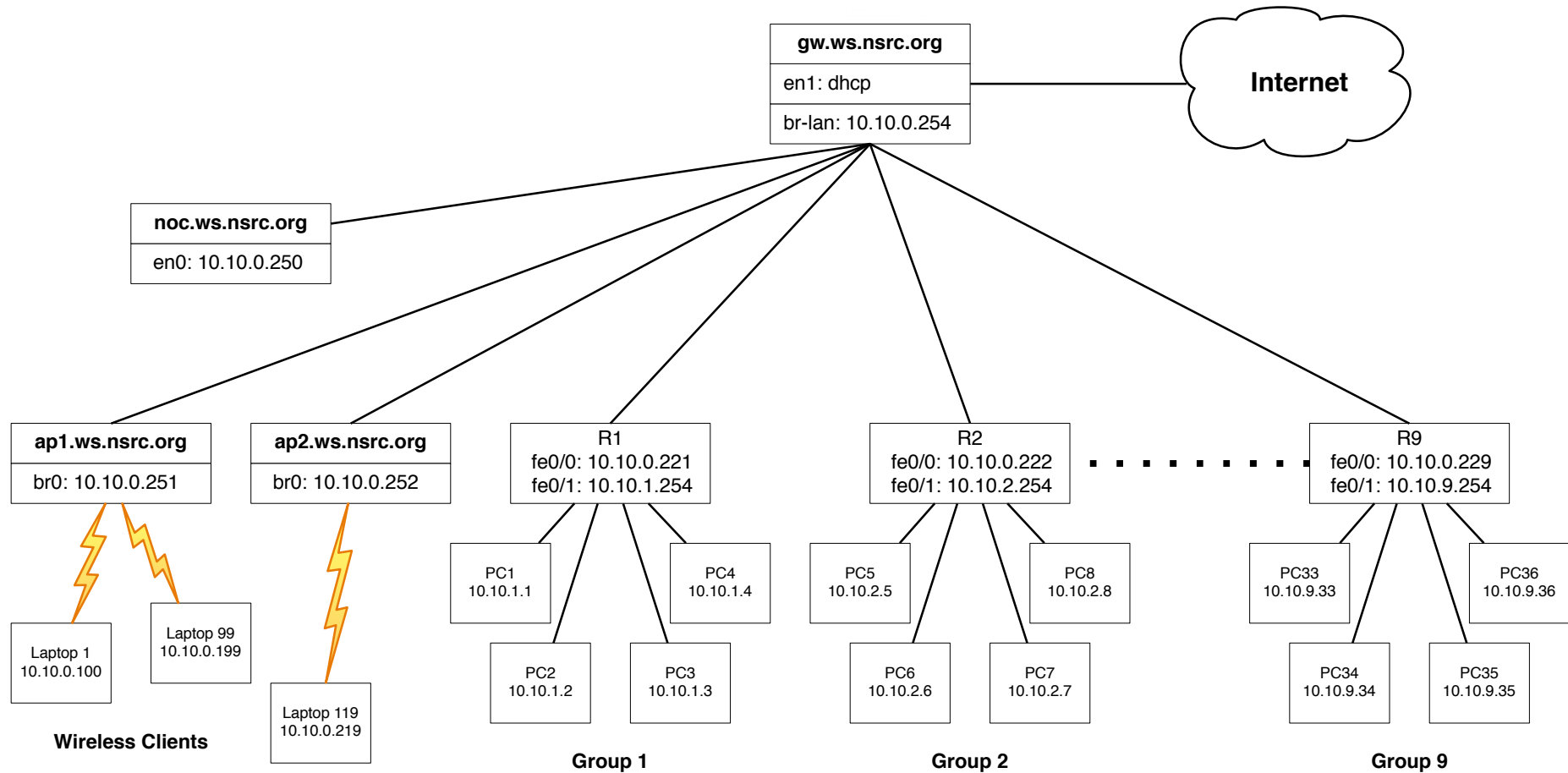
Administrative Items

- Agenda
 - <http://noc.ws.nsrc.org/>
- 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/20NN/workshopname>

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		GROUP2		GROUP3		GROUP4	
rtr1→ 10.10.1.254		rtr1→ 10.10.2.254		rtr1→ 10.10.3.254		rtr4→ 10.10.4.254	
pc1→ 10.10.1.1		pc5→ 10.10.2.5		pc9→ 10.10.3.9		pc13→ 10.10.4.13	
pc2→ 10.10.1.2		pc6→ 10.10.2.6		pc10→ 10.10.3.10		pc14→ 10.10.4.14	
pc3→ 10.10.1.3		pc7→ 10.10.2.7		pc11→ 10.10.3.11		pc15→ 10.10.4.15	
pc4→ 10.10.1.4		pc8→ 10.10.1.8		pc12→ 10.10.3.12		pc16→ 10.10.4.16	

P5	GROUP6		GROUP7		GROUP8		GROUP9
0.5.254	rtr6→ 10.10.6.254		rtr7→ 10.10.7.254		rtr8→ 10.10.8.254		rtr9→ 10.10.9.254
10.5.17	pc21→ 10.10.6.21		pc25→ 10.10.7.25		pc29→ 10.10.8.29		pc33→ 10.10.9.33
10.5.18	pc22→ 10.10.6.22		pc26→ 10.10.7.26		pc30→ 10.10.8.30		pc34→ 10.10.9.34
10.5.19	pc23→ 10.10.6.23		pc27→ 10.10.7.27		pc31→ 10.10.8.31		pc35→ 10.10.9.35
10.5.20	pc24→ 10.10.6.24		pc28→ 10.10.7.28		pc32→ 10.10.8.32		pc36→ 10.10.9.36

We will assign PCs & Groups Now

- 9 total (virtual) routers
- 4 (virtual) Linux server images per router
 - 36 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!