



APRICOT 2011

**Network Monitoring & Management
Welcome**

Instructors

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Schedule

Session I	09:00 – 10:30
Break	10:30 – 11:00
Session II	11:00 – 12:30
Lunch	12:30 – 14:00
Session III	14:00 – 15:30
Break	15:30 – 16:00
Session IV	16:00 – 18:00+

- Breaks may be a bit shorter. We'll see during the week.
- Saturday we finish at 15:30 and the workshop social follows.

Agenda:

Tuesday	Topic	Lead
Session I	Class Introduction	HA
	Introduction to Classroom Lab	HA
	Intro UNIX for Editing and Networks	HA
Session II	Intro to Network Monitoring & Mgmt	HA
Session III	NOCs and Documentation	HA
	Netdot Demonstration	HA
Session IV	Definitions & Performance Measurement	HA
Wednesday		
Session I	MRTG and RRDTool Intro	PO
Session II	Cisco/HP Configuration Elements	HA
Session III	Version Control	PO
	RANCID and CVSWeb	PO
Session IV	SNMP	PO
Thursday		
Session I	The "Big Three"	
	Cacti (Performance)	HA
Session II	Cacti	HA
Session III	Nagios (Availability)	AL
Session IV	Nagios	AL
Friday		
Session I	The Big Three cont.	
	Smokeping	AL
Session II	Smokeping	AL
Session III	Logging ((R)syslog, Swatch, Tenshi)	HA/AL
Session IV	Ticketing Systems	AL
Saturday		
Session I	Nagios, Cacti, Smokeying & Tickets	HA/AL
Session II	Netflow	GZ
Session III	Netflow	GZ
Session IV	Exam, Evaluations, Certificates	

Administrative Items

- **Agenda**
 - <http://noc/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**
 - Available in electronic format during the week:
<http://noc/wiki/>
 - Will be available permanently here:
<http://nsrc.org/workshops/2011/apricot/netmanage/wiki/Agenda>

Virtual machine access

There are two users on your virtual machines (pc1-pc26)

General User

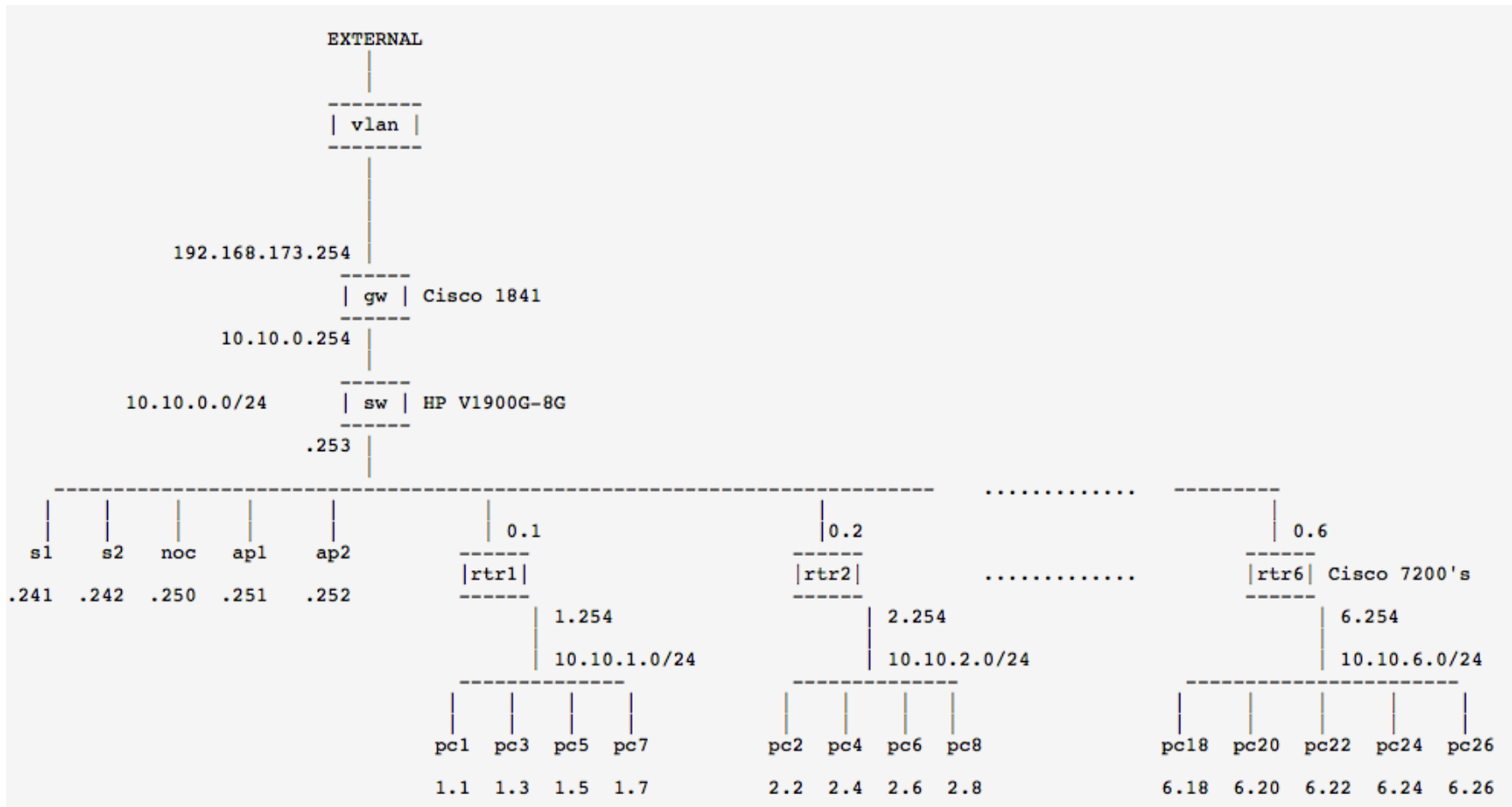
sysadm

Administrative User

root

Passwords are or will be written down in class

Our classroom network



Available at <http://noc/wiki/Diagram>

Questions

Do you have any questions?

