HW5 details

Before demo

Add the following users.

user: saadmin
group: nctucs,sysadm
home:/net/home/saadmin
netgroup: sa-adm

user: sauser
home: /net/home/sauser
group: nctucs

Reboot all machines at demo.

* SSH (15%)
	+ From host (5%)
		- sauser/saadmin
			* ssh saduty/sahome (connection refused)
			* ssh sabsd (success)
	+ From sabsd (5%)
		- sauser
			* ssh saduty (kicked out)
			* ssh sahome (connection refused)
			* ssh sabsd (success)
		- saadmin
			* ssh sahome (connection refused)
			* ssh saduty/sabsd (success)
	+ From saduty (3%)
		- saadmin
			* ssh sabsd/saduty/sahome (success)
	+ From sahome (2%)
		- saadmin
			* ssh sabsd/saduty/sahome (success)
* NIS (20%)
	+ sabsd (5%)
		- ypwhich (saduty)
		- ypcat passwd (account info)
		- ypcat –x (tables)
		- ypcat –k netgroup (netgroup info)
	+ saduty (5%)
		- ypwhich (saduty)
		- ypcat passwd (account info)
		- ypcat –x (tables)
		- ypcat –k netgroup (netgroup info)
	+ sahome (5%)
		- ypwhich (sahome)
		- ypcat passwd (account info)
		- ypcat –x (tables)
		- ypcat –k netgroup (netgroup info)
	+ sabsd (5%)
		- id saadmin/sauser (correct groups)
* NFS (20%)
	+ sabsd (5%)
		- saadmin/sauser
			* pwd (correct home dir)
		- saadmin
			* showmount –e sahome
	+ saduty (5%)
		- saadmin
			* showmoutn –e sahome
	+ sahome (5%)
		- saadmin
			* showmount –a
			* mount (nullfs)
			* cat /etc/exports
	+ saduty/sahome
		- autofs/amd map is on NIS (5%)
* rup (5%)
	+ All machines
		- rup (show all machines)
* Ports tree (10%)
	+ sahome (5%)
		- saadmin
			* sudo crontab –e (show some script)
			* check /usr/ports/INDEX-\* (correct access time)
	+ saduty/sabsd (5%)
		- saadmin
			* able to install software form ports
			* cat /etc/make.conf (some configuration here)
* sudo (5%)
	+ sabsd
		- saadmin
			* sudo –l (correct settings)
			* sudo cat /usr/local/etc/sudoers (include from NFS)
		- sauser
			* sudo –l (cannot sudo)
* Log server (5%)
	+ Sahome
		- saadmin
			* check /net/data/ssh
			* sudo cat /var/log/auth.log
* Kernel (10%)
	+ sahome/saduty/sabsd
		- ls –l /boot/kernel/kernel (smaller than 90% of the original kernel)
		- uname –a (correct kernel used)
* Randomly picked questions (10%)
	+ You cannot look at any materials