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