CS 409
Quiz 1 Key

It is an archive of files related to a specific software collection and a manifest that describes the desired file. It is used to make it easier to install, uninstall, and system configuration activities.

1. What is the purpose of an rpm file?

2. What does the following line do in /etc/inittab?

   num3:3:wait:/etc/rc.d/rc 3

   num3 is simply a label. The remainder is read by the init process and it dictates that at runlevel 3, init should execute /etc/rc.d/rc with a parameter of 3 and wait until it finishes before going on.

3. For the following, put a comment on each useful line describing it’s use.

   service rsync \"
   { \"
   disable = no \" \answer {This service is allowed to run}
   socket_type = stream \" \answer {Listen on the TCP port}
   wait = no \" \answer {Multiple concurrent servers allowed}
   user = root \" \answer {Run as root}
   server = /usr/bin/rsync \" \answer {Executable file for the service}
   no_access = 0.0.0.0 \" \answer {Disable access for everyone}
   only_from = 166.66.66.0/22 \" \answer {Allow access from this domain}
   log_on_failure += USERID \" \answer {On a failure, add the USERID to msg}
   } \"

4. What does the following iptables command do?

   iptables -A INPUT -s 140.10.20.0/24 -dport 110 -j ACCEPT

   Add a rule to the end of the INPUT chain. Accept requests to port 110 (POP3) from any host matching the first 24 bits of 140.10.20.0