**Academic Task Number:** CA-2 **Course code:** CS308

**Date of allotment:** 02/03/2023 **Course title:** Computing Practicum IV

**Date of commencement:** 10/03/2023 **Maximum Marks:**30

**Academic Task Type:** Practical

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Marks |
| a | a,b | a | a | a | b | a | b | a | c | c | a | a | b | a |  |

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| **Question Number** | **Question Statement** | **Choose Option** |
| Q1 | How to list the available tuning profiles and identify the active profile. | (a) sudo tuned-adm list  (b) systemctl is-active tuned  (c) sudo tuning-profiles start  (d) None of the above |
| Q2 | How to change from the current nice level of 15 to the desired nice level of 19 of PID 3521. | 1. renice -n 19 3521 2. renice -n 19 3521 3. nice -n 19 3521 4. none of the above |
| Q3 | Named user granted initial read permission for new files, and read and execute permissions for new subdirectories. | (a) default:user:mary:rx /directory  (b) default:m::rx /directory  (c) both a and b  (d) None of the above |
| Q4 | Use **setfacl** to add a default access rule for the consult group. Grant read, write, and execute permissions on the cont directory. | (a) setfacl -m d:g:consult:rwx /shares/cont  (b) setfacl -m d:g:consult:rw /shares/cont  (c) setfacl -m d:u:consultant1:- /shares/content  (d) None of the above |
| Q5 | How recursively update the existing case directory and its contents. Grant the contract group read, write, and conditional execute permissions. | (a) setfacl -Rm g:contract:rwX /shares/case  (b) setfacl -Rm u:contract:rwX /shares/case  (c) setfacl -m u:contract:rwX /shares/case  (d) None of the above |
| Q6 | Output of the code given below is:  systemd-tmpfiles --clean /etc/tmpfiles.d/tmp.conf | (a) to verify that the /etc/tmpfiles.d/tmp.conf file contains the correct configuration  (b) to verify that the /etc/tmpfiles.d/tmp.conf file is cleaned  (C) Both a and b  (d) None of the above |
| Q7 | Where the configuration files can exist. | (a) /etc/tmpfiles.d/\*.conf  (b) /run/tmpfiles.d/\*.conf  (c) /run./bla.d/\*.conf  (d) both a and b |
| Q8 | Output of the code given below is:  at -q g teatime  warning: commands will be executed using /bin/sh  at> echo "It nightime" >> /home/student/night.txt  at> **Ctrl**+**d**  job 2 at Thu Mar 21 16:00:00 2019 | (a) create a file night.txt with data “its nighttime”  (b) create a file night.txt with data “its nighttime” in queue “g”  (c) Not a right way to use “at” command  (d) None of the above |
| Q9 | Output of the code given below is:  15 12 15 \* Fri *command* | (a) 15th of every month, and every Friday at 12:15,  (b) 12th of every month, and every Friday at 15:12  (c) Not a right way to use crontab  (d) None of the above |
| Q10 | Which directory contains the shell scripts intended to run on a daily basis? | (a) /etc/cron.d  (b) /etc/cron.hourly  (c) /etc/cron.daily  (d) /etc/cron.weekly |
| Q11 | Output of the following command is  grep '^SELINUX' /etc/selinux/config | (a) SELINUX=permissive  SELINUXTYPE=targeted  (b) SELINUX=enforcing  SELINUXTYPE=targeted  (c) can be a or b  (d) none of the above |
| Q12 | To disable SELinux security which one conf file need to be updated | (a) /etc/sysconfig/selinux  (b) /var/sysconfig/selinux  (c) /tmp/sysconfig/selinux  (d) none of the above |
| Q13 | How to set the context type to httpd\_sys\_content\_t for the /custom directory and all the files below it. | 1. semanage fcontext -a -t httpd\_sys\_content\_t '/custom(/.\*)?' 2. scmanage fcontext -a -t httpd\_sys\_content\_t '/custom(/.\*)?' 3. systemctl fcontext -a -t httpd\_sys\_content\_t '/custom(/.\*)?' 4. None of the above |
| Q14 | Which one command is use to change the file contexts. | 1. restorecon -Rv /custom 2. semanage -Rv /custom 3. systemctl -Rv /custom 4. None of the above |
| Q15 | Which command is to set the bool value permanently | 1. setsebool -P 2. semanage -P 3. setsebool -v 4. None of the above |