usumame: mjaduson name: Michael Taulson default shell:/bin/bash nome directory: / nome/maceson

sudo yous in Front of command if you're trying to after anything in the system tor example: Dussind -d is smith v

to delete a user including their root, their nome directory * such to userdel mjackson

NEVER use nano lerupassud command

Your goal to privaledge escalation is to get to the ROOT (Bigdee, Corl)

03/18 class Danaphor least priviledge Will be on this week's test!

LMUX Authorization:

1). Ownership in as mjackson -> /nome/mjackson

V UWNERSHIP DEFINES (Who has uneral of a file or directory * might be on the test *

wnoami pwd

touch bong. txt Lureate a song file)

Mackson is the ownER of this file, NOT the admin

medir songs. tx+

mjaucson is also the owner of this

*if jaulison wants access, malkson would nave to grant-it-to her

three Types of ownership * 11 Usur Ex: miadlson

2). Group 3). Others miaucson everyone else

when you create a file, linux will auto Matically creates a user owner, group owner, and other owner.



> USER OWNER (mjauson) (FUMP OWNEZ (mjackson)

UTHER UNIVER (others)

DEFINES (ma) can be done to a file or directory

1) Read (r)

2) Write (w) 2). Pumission

3) Execute (x)

Every burnership forder has 3 types of permission

USER Wite Exember GROUP read write Execute OTHERS Read Witc Execute Command to check ownership and setting 2). Yroups 3). IS -1 COLOR OF FILES blue -White- text file green - executable file d at the beginning of line under is - at is directory , -, is for file yroup owner: can READ and others owner: can READ only! can READ and WRITE WRITE File 3: user 4 grown 4 other 4 File2: user 5 group 4 other 0 Permission: 540 Permission: 444

wser rwx rw r wx w x rx
groud rwx rw r wx w x rx
others rwx rw r wx w x rx
7 6 4 3 2 1 5

Command that changes permission on a file or folder
CHMOD Space Space
Chmod ^ U+X, g+X, O+X ^ My File
command no space between name office
Default permission for files: 666 / 664 (after umasic) directories: 777 / 775 (after umasic)
Music by default is 002
due to M-MASIL
80 rw - rw - rw
13 rw - 6 - 6 subtracts 002
DIVIS on PLAT. U-Mask changes default mask!
EWS or PWT Sticky bit, you cannot delete the "t", (temp forder)
Special allows only certain permission, execute user can run. Command 1 but limited access command
command su 15 on the test!
U-Mask: 0002 ↑
SW, GUID, SHOWY BIT (Stops you from deleting a folder)