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Republic of the Philippines
Department of Education
National Capital Region
Division of Pasig City
STA LUCIA HIGH SCHOOL
City of Pasig

DepED
DEPARTMENT OF EDUCATION

Technical-Vocational and Livelihood Track
Information and Communications Technology (ICT) Strand

Grade **12**

Computer Systems Servicing NC II
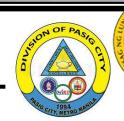
FIRST QUARTER

LO 1: SET UP USER ACCESS

SELF- LEARNING MODULE 6 :

Accessing User and Administrator Accounts in Server Operating System (NOS) Using VMware

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COC 3 : SET UP COMPUTER SERVERS

Introductory Message

For the facilitator:

Welcome to the Technical Vocational Livelihood Education ICT Grade 12 CSS NC II Module on Set Up User Access: **Accessing User and Administrator Accounts in Server Operating System (NOS) Using VMware**

This module was collaboratively designed, developed and reviewed by educators from Schools Division Office of Pasig City headed by its Officer-In-Charge Schools Division Superintendent, Ma. Evalou Concepcion A. Agustin in partnership with the Local Government of Pasig through its Mayor, Honorable Victor Ma. Regis N. Sotto. The writers utilized the standards set by the K to 12 Curriculum using the Most Essential Learning Competencies (MELC) while overcoming their personal, social, and economic constraints in schooling.

This learning material hopes to engage the learners into guided and independent learning activities at their own pace and time. Further, this also aims to help learners acquire the needed 21st century skills especially the 5 Cs namely: Communication, Collaboration, Creativity, Critical Thinking and Character while taking into consideration their needs and circumstances.

In addition to the material in the main text, you will also see this box in the body of the module:

Notes to the Teacher

This contains helpful tips or strategies that will help you in guiding the learners.

As a facilitator you are expected to orient the learners on how to use this module. You also need to keep track of the learners' progress while allowing them to manage their own learning. Moreover, you are expected to encourage and assist the learners as they do the tasks included in the module.

EXPECTATION

After completing the lesson the learners should be able to:
A. understand user-admin switching accounts using VMware;
B. demonstrate access on user and admin accounts using VMware
C. give importance of using VMware as ICT/CSS student.

PRE–TEST

TRUE or FALSE

Directions: Read each statement below carefully. Write **T** if the statement is correct and **F** if not in the space provided before each number.

_____1. You cannot shut your computer down without selecting one of the options or typing comment from the shutdown event tracker.
_____2. Pressing Ctrl+G provides access to input directly inside the VM
_____3. After pressing Start button, then switch user, combo keys of CTRL+ALT+DELETE will appear
_____4. You can log on two accounts (user and admin) at a time
_____5. By pressing Ctrl+Alt keys to return to your physical machine.

RECAP

CHRONOLOGY

Directions: Arrange the following steps in installing and uninstalling VMware Workstation 12 in chronological order <u>from A to E</u> after each number.

_____ 1. Execute the VMware application file (exe).
_____ 2. To uninstall the software, select vmware workstation from the list of programs and select uninstall.
_____ 3. From the control panel, click RMB and click change. Wait until uninstallation process is finished. Delete the default folder of virtual machine completely
_____ 4. Press the license button and enter license key from the crack folder and paste it into the textbox, then press finish.
_____ 5. Wait for the process until to finish the installation.

L E S S O N

Accessing User and Administrator Accounts in Server Operating System (NOS) Using VMware

Introduction

In our previous discussion, virtualization software allows you to run two or more operating systems using only one PC. It uses virtualized versions of traditional network tools, like switches and network adapters, allowing for more efficient routing and easier network configuration changes.

As of this time, it is expected that you have mastered the process of installing and uninstalling the VMware Workstation 12 Pro as your Virtual Machine software and installing and uninstalling Windows Server 2008 R2 Standard as your Network Operating System or NOS. Those knowledge and skills stated above are essentials to our training set for Setting Up Computer Servers virtually so as to move forward and prepare yourself for TESDA National Certification (NC II).

So, for today's lesson, we will discuss the process of accessing accounts as we shift from user to administrator account and vice-versa.

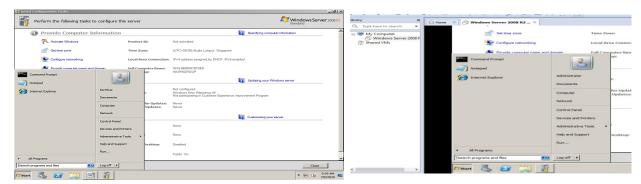Illustrations below are sample of user account and administrator account:

Fig. A. User Account   **Fig. B**. Administrator Account

Accessing User and Administrator Accounts in Server Operating System (NOS) Using VMware

The following are the steps in switching accounts from user to administrator accounts :

Fig. 1.From the User account, press start button and select Switch User.

Please take note that pressing **Ctrl+G** provides access to input directly inside the VM otherwise, press **Ctrl+Alt** keys to return to your physical machine.
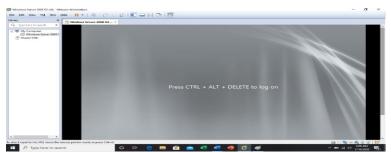

Fig.2. Pressing
CTRL + ALT + DELETE

Fig 3. Security screen will appear on your

display..pressing Esc will give you access to administrator account.
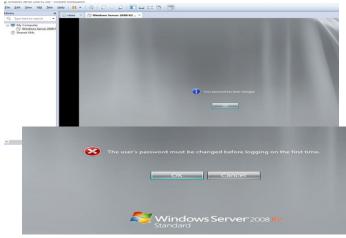

Fig. 4. Click administrator account to switch in..

Fig. 5. If this is your first time to access the administrator account, then you are required to create password. Click OK. Create password and confirm. Click arrow button to proceed.

Fig. 6. Remember to have   at least 8 characters including special character and numbers. Example:Password : **Slhs@123**

If you have successfully
    created a password..
    click OK . . . .

Fig.7. After successfully entering the correct password, it will now leads you to the administrator account.
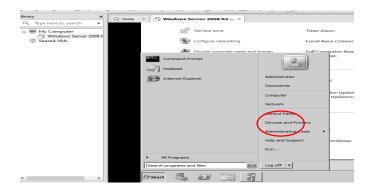

Fig.8. Now if after successfully log on the administrator account, and happen to see the VMware tool installing, let it be installed as shown below:
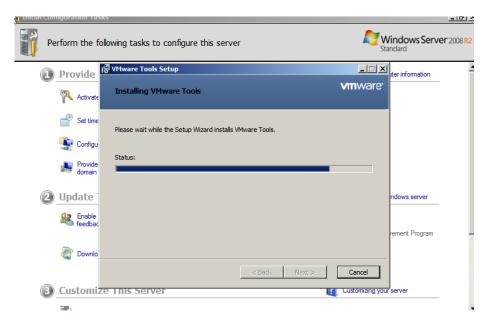

Fig. 9. Then try to go back to user account by clicking start button, and from the dropdown list, select switch user.

As you can see, both accounts are currently logged in. It is always important know, who's account is logged in.

A C T I V I T I E S

Activity 1. Hands-on Activity

Directions. On your laptop, try to do the following:

1.
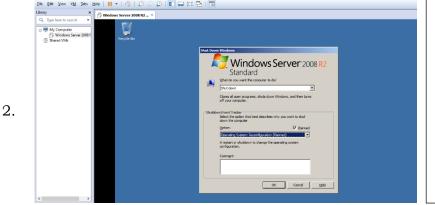
From the user account, try to shutdown the machine by pressing start button, dropdown list and select shut down or press **ALT+ F4**

2.

Select shutdown from the dropdown menu. From the shutdown event tracker dropdown menu, select Operating System ; Reconfiguration (planned).Then press OK. What happened to your VM?

3. Open your VM by double clicking **POWER ON THIS VIRTUAL MACHINE**

Your VM desktop will display as shown on the left.

4. You are now in the user account right? Now, try to log off user account and click the administrator account.

5. Try to reverse the process, this time, log off the admin account and select user account, then shut down.
6. Power on the virtual machine. From the user account, switch user and select admin account while the user account is logged on...
7. Shut down admin account. A warning screen will appear...just click YES...
8. Do number 6 and 7, but this time, let the admin logged in and shut down the user account. What's the difference between logging off and shutting down the accounts during switching?
9. Power on the virtual machine .Repeat the above procedures until you master the pro cess of logging on and shutting down either one at a time or both accounts.
10. On your worksheet, assess yourself based on the given scales from 1 to 5. 1 as the lowest and 5 as the highest.

It is important to note that both machines are shutted down properly to avoid corrupting the OS just like your physical machine.

WRAP–UP

Directions: Complete the missing statement.

Switching accounts in Windows Server 2008 R2 Standard on a Virtual Machine can give us access to log in and off and shut down the machine. Logging off an account and switch to another account will not affect the performance of the other virtual machines.

Shutting down an account while the other account is logged in can shut down all the machines.

VALUING

What do you think is the significance of practicing switch users using MVware ?

_____

_____

_____

_____

_____

POST TEST

Multiple choice

Directions: Read each statement below carefully. Write **T** if the statement is correct and **F** if not in the space provided before each number.

_____ 1. In VMware, pressing CTRL + G will bring you back to your physical machine.

_____ 2. You cannot shut your computer down without selecting one of the options or typing comment from the shutdown event tracker.

_____ 3. You can log on both accounts (admin and user accounts) at a time.

_____ 4. Both accounts must be properly shutdown.

_____ 5. By pressing CTRL + G or move the pointer inside will give access direct input to your VM.

KEY TO CORRECTION

PRETEST:
1. T
2. T
3. T
4. T
5. T

RECAP
1. A
2. D
3. E
4. C
5. B

POST TEST
1. F
2. T
3. T
4. T
5. T

ACTIVITY

Since the activity is a Hands-On activity, the give students ample time to self-learn the procedures.

Let the student repeat the process to master the way they shift from user to admin account and vice-versa.

After mastering the process, let the students self-assess their knowledge and skills. Rate themselves in the scale from 1 to 5. , 1 as the lowest and five as the highest.

Can I:
1. Directly input inside the virtual machine using this VMware?
2. Go back to may physical machine
3. Logged on to both accounts (user and admin)?
4. Shift from user to admin accounts and vice-versa?
5. Shutdown properly both accounts in the VMware?

REFERENCES

Online Sites:
https://www.vmware.com/support/vcm/doc/help/vcm/572/Content/Core/IGSG_GSCompTools_UserAccess.htm (access July 14, 2020)

Images:

Set Up Computer Servers
Cover Page was designed using Adobe Photoshop 2018 photo manipulation.
https://www.computerhope.com/jargon/s/server.htm
(accessed June 20, 2020)
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