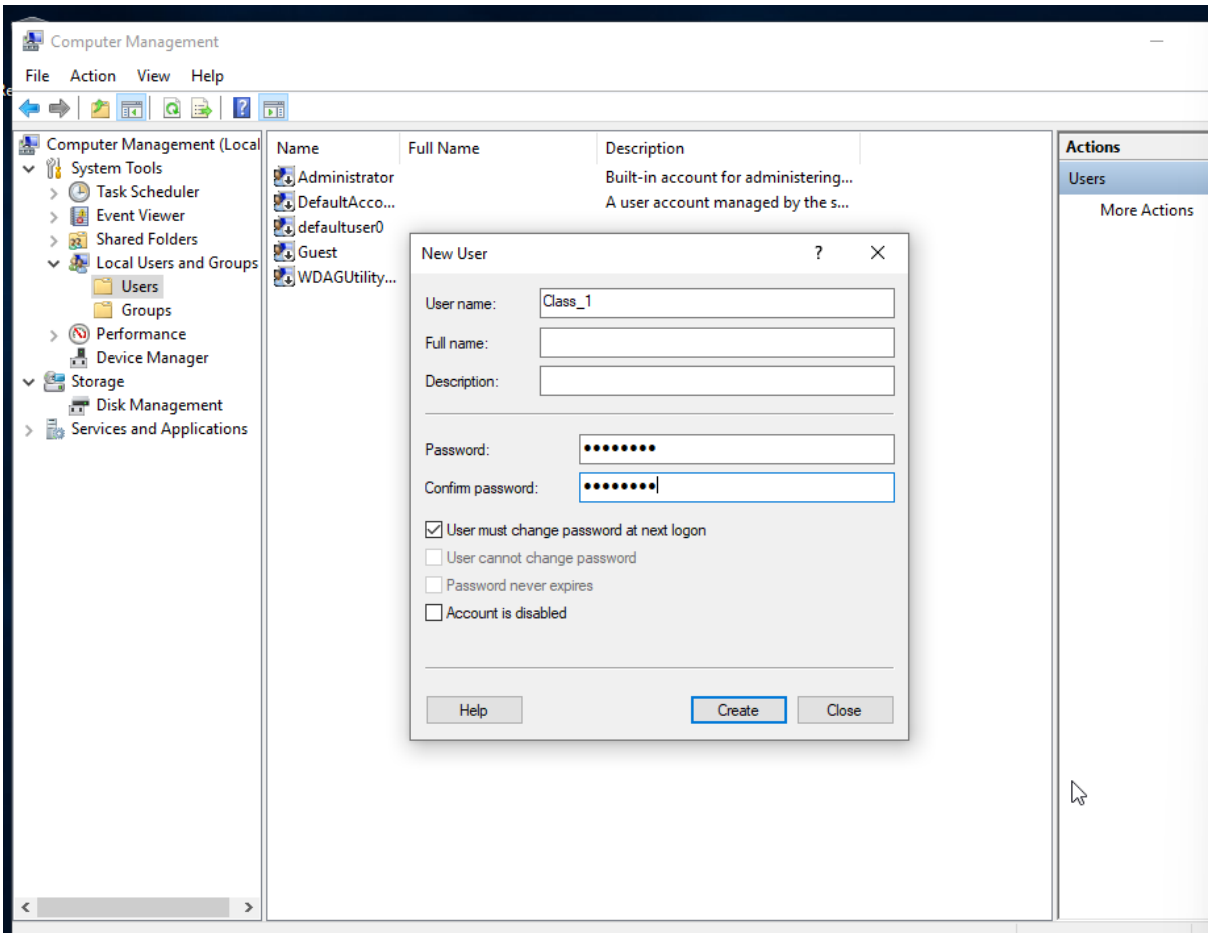
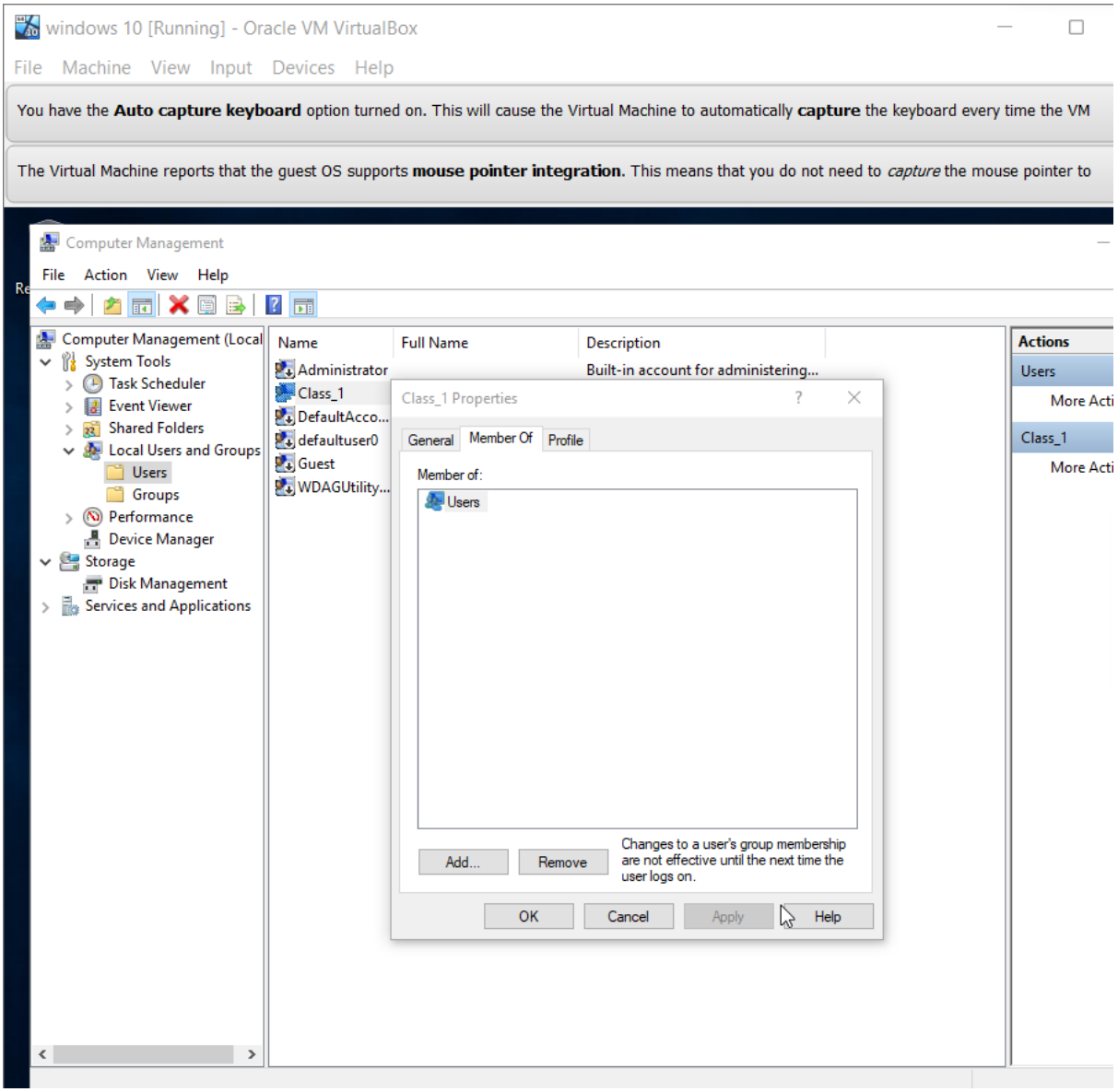
1. Add a new standard user named “Class_1” including the description and full name. The user must change the password at next logon.

You can create the user from “Computer management” -> Users -> New User…

The field “Users must change password at next logon” is checked by default.





1. Complete the following parts about the user “Class_1” from the previous exercise.

   · Verify if the profile folder exists.

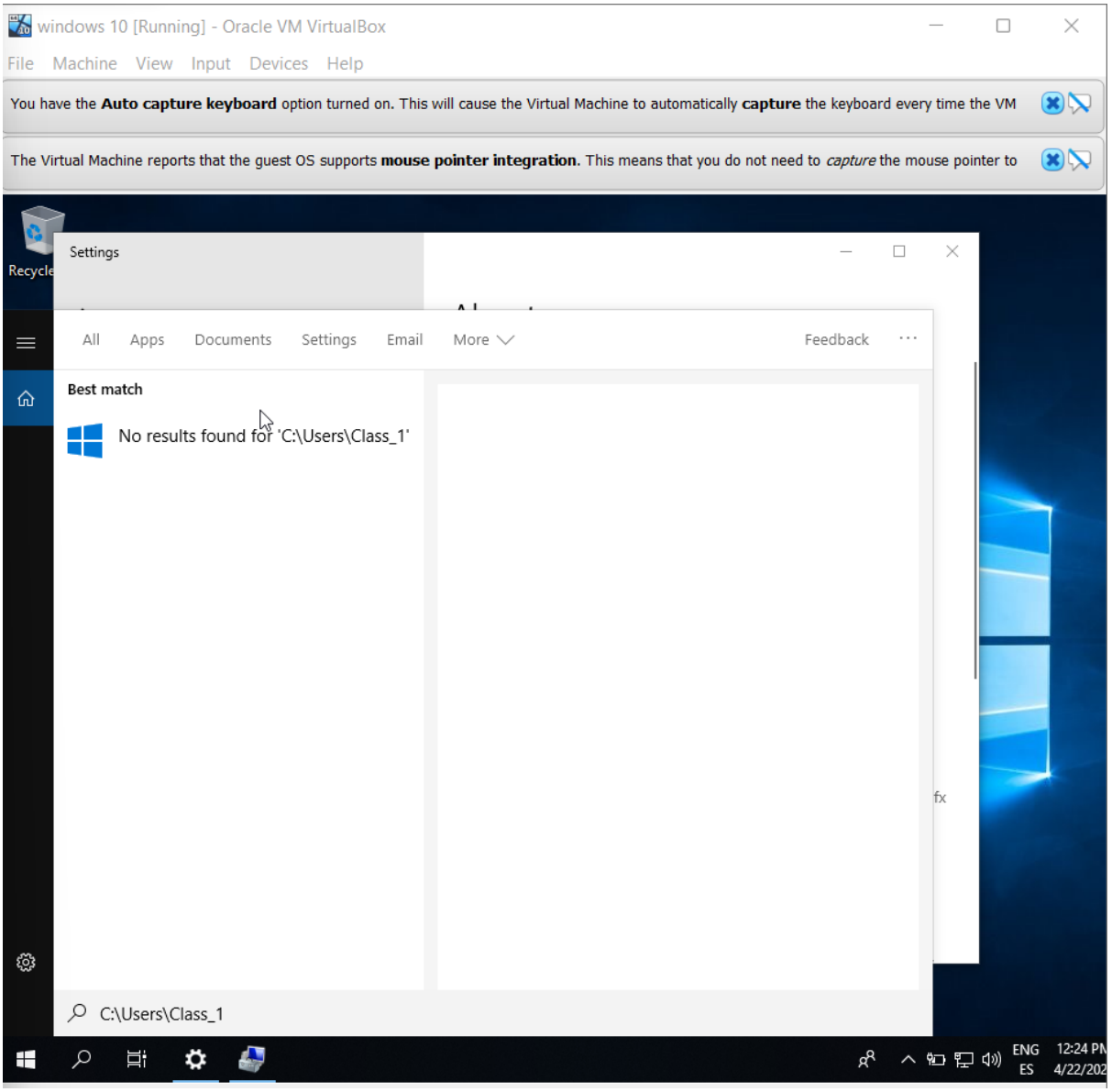
   · Log in as “Class_1”.

   · Verify if the profile folder now exists.

   · Add a second hard drive to the virtual machine and create a folder called “My Documents” in F:\

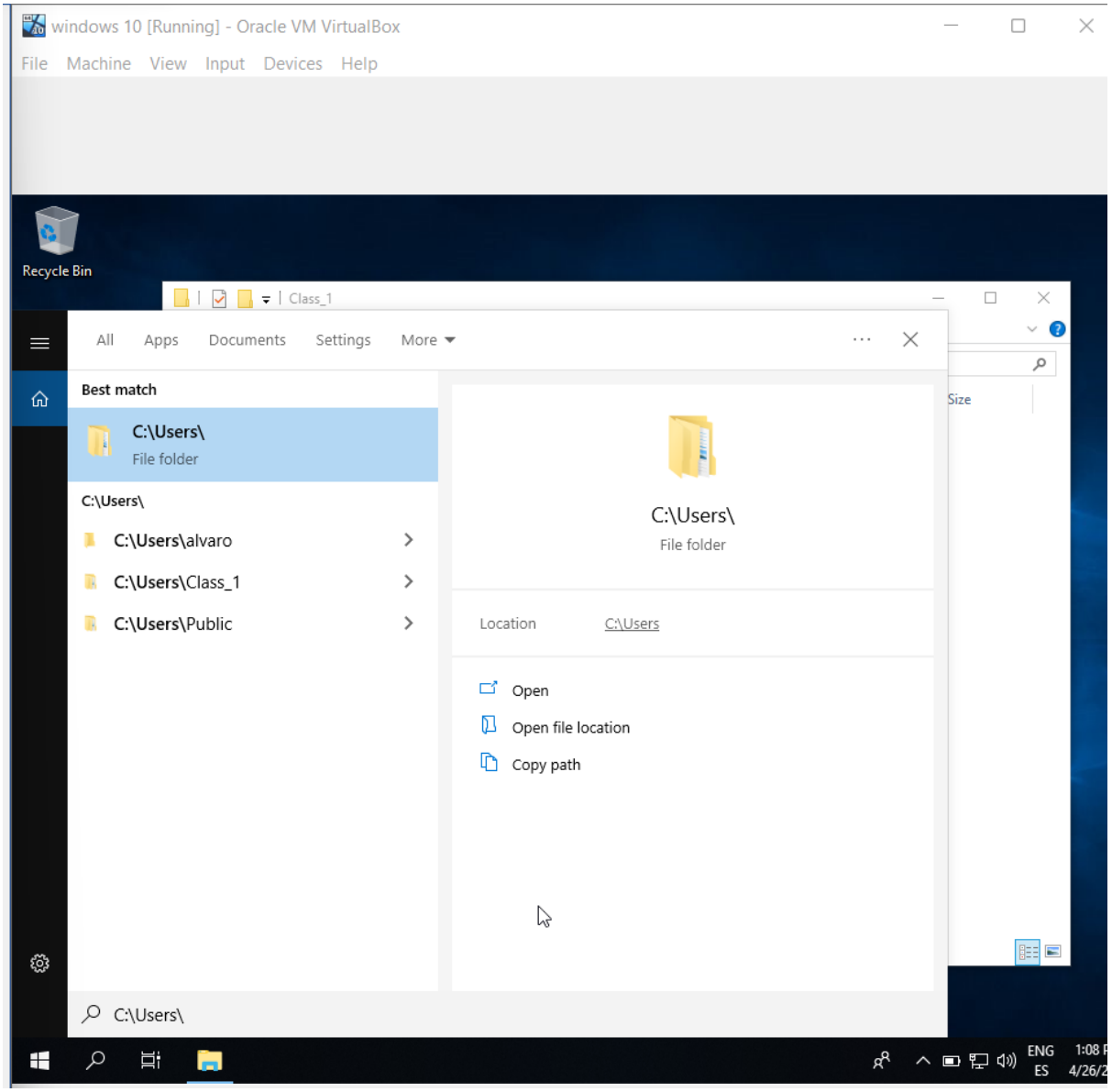
   · Move “Class_1” Documents folder to the directory you have just created.

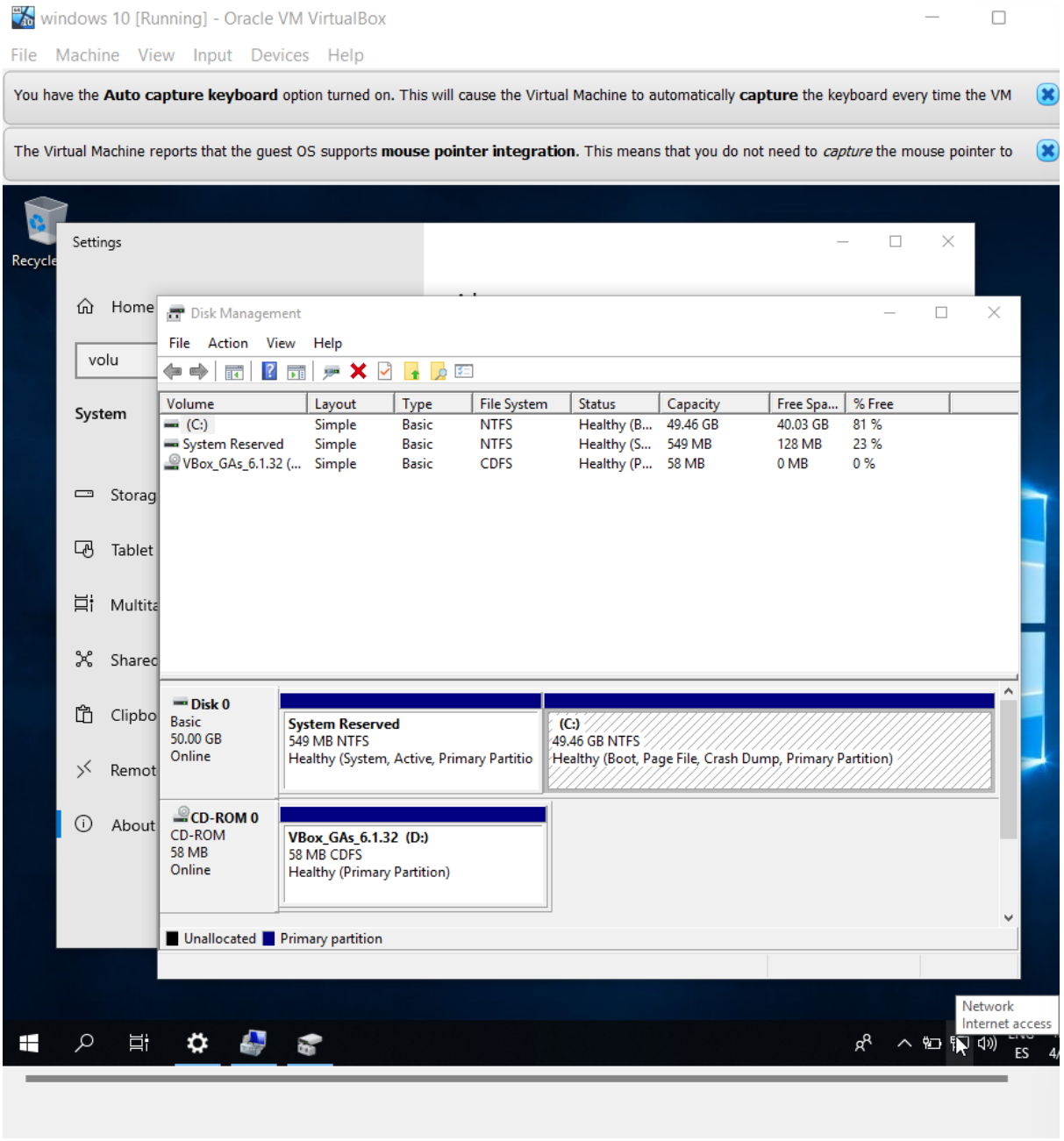
   · Open “Documents” shortcut and create a new folder. Check if this folder has actually been created in “F:\My Documents”.

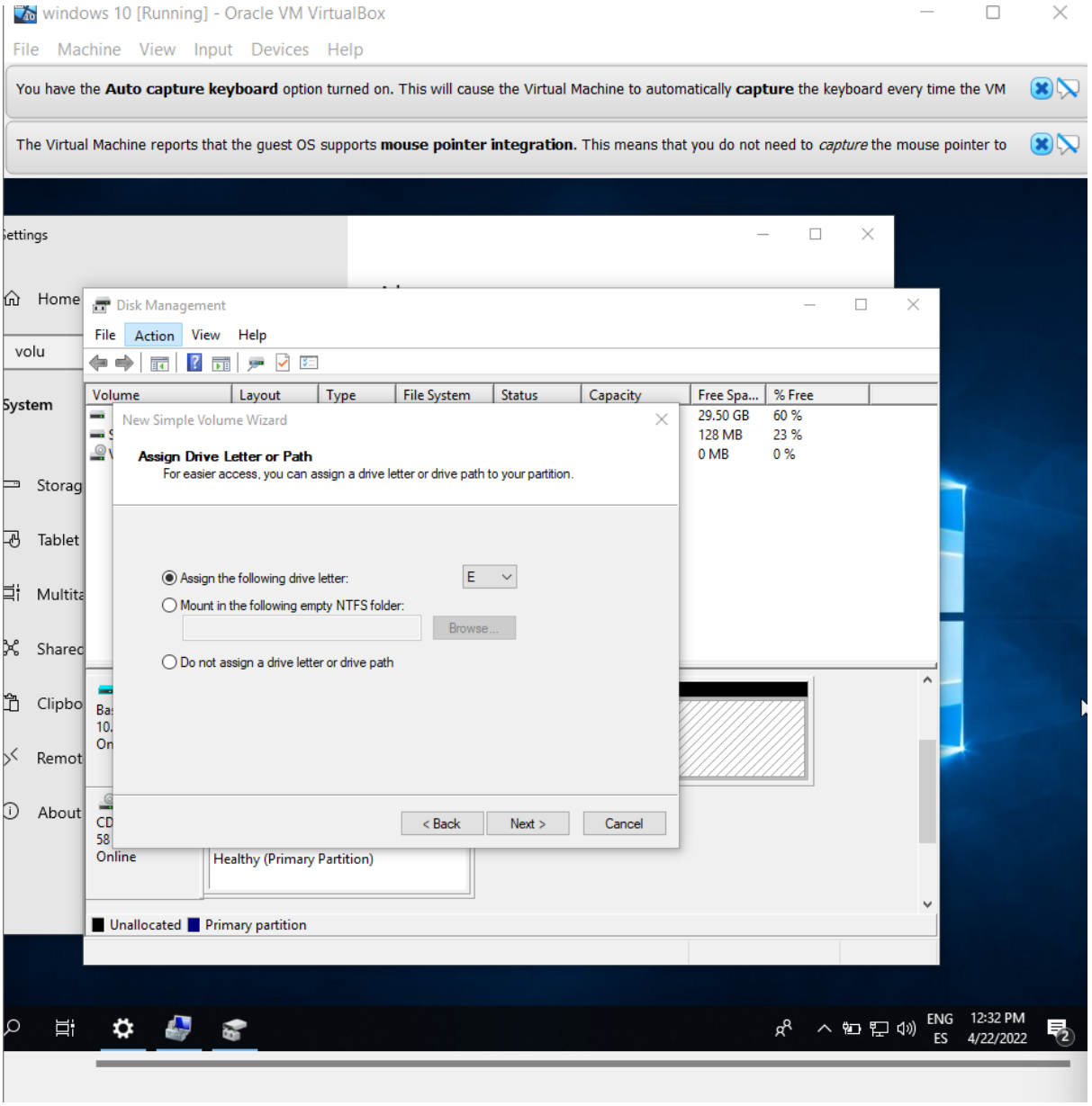


The profile folders are not created until you first log in. You can check C:\Users\Class_1. It will only exist when you log in at least once.

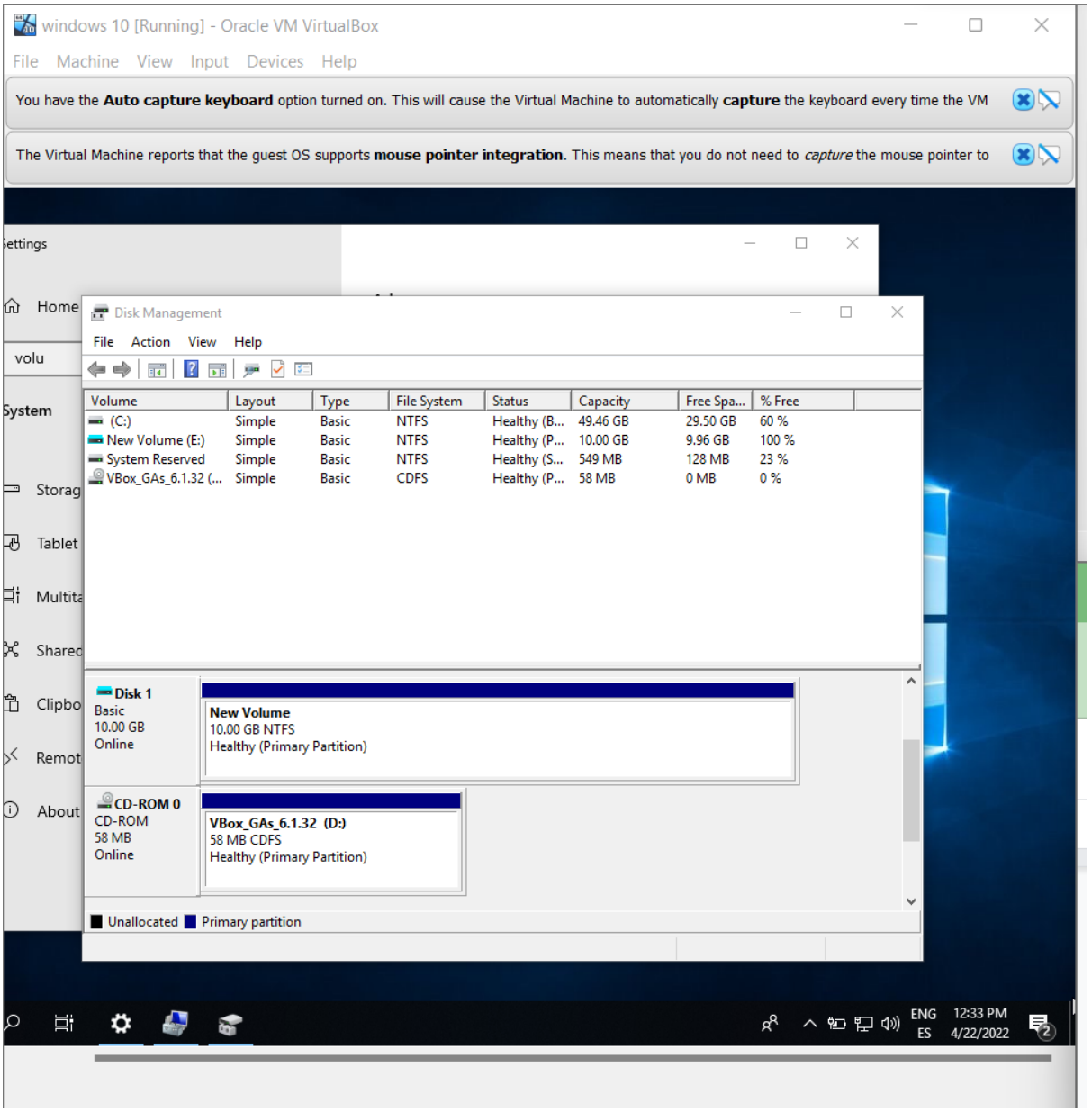
The profile folders are not created until you first log in. You can check C:\Users\Class_1. It will only exist when you log in at least once.


windows 10 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Recycle Bin
Class_1
All Apps Documents Settings More
Best match
C:\Users\
File folder
C:\Users\
C:\Users\alvaro
C:\Users\Class_1
C:\Users\Public
C:\Users\
File folder
Location C:\Users
Open
Open file location
Copy path
C:\Users\
Size
ENG
ES

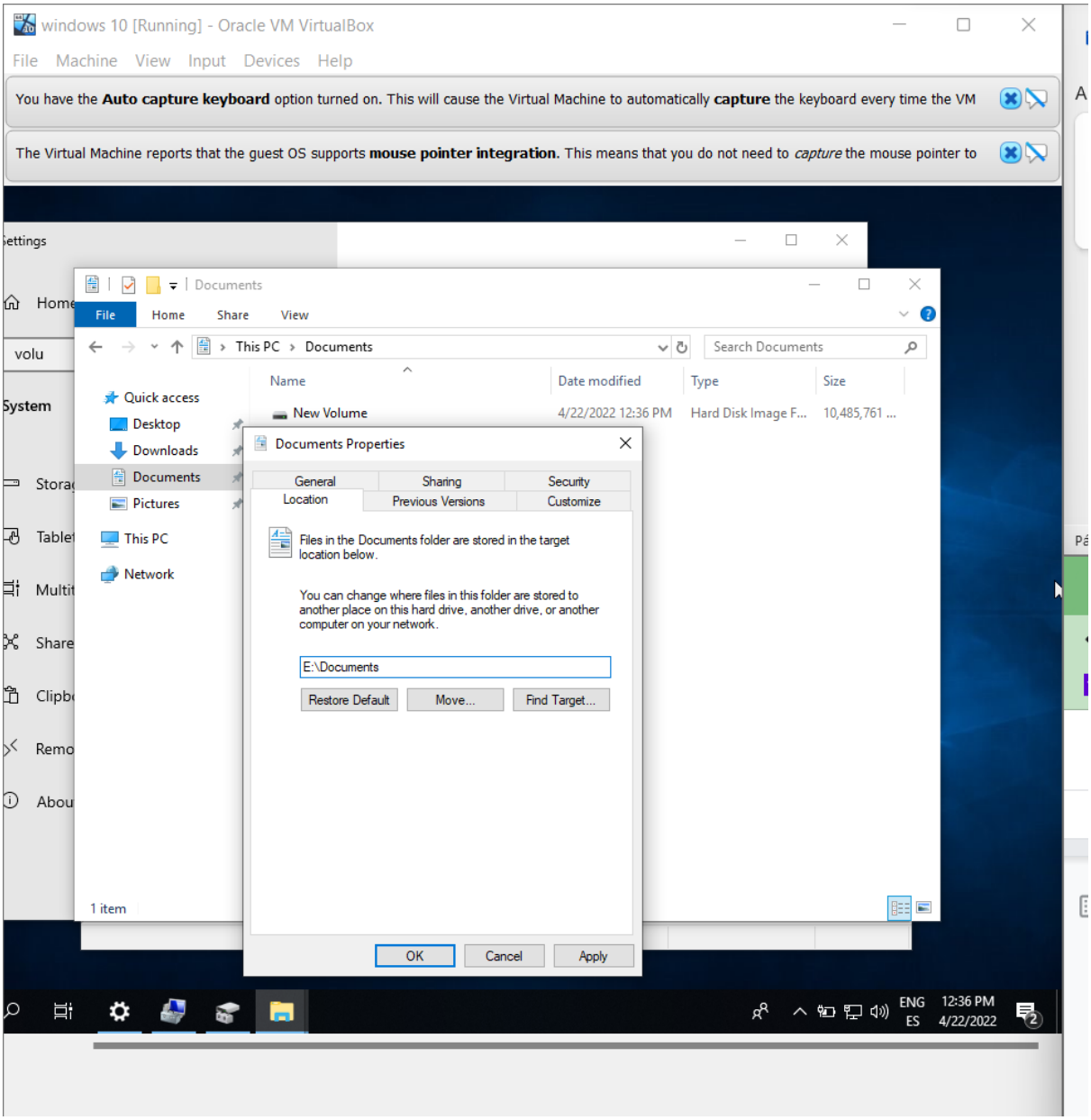

windows 10 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
You have the Auto capture keyboard option turned on. This will cause the Virtual Machine to automatically capture the keyboard every time the VM
The Virtual Machine reports that the guest OS supports mouse pointer integration. This means that you do not need to capture the mouse pointer to
Recycle
Settings
Home
volu
System
Storag
Tablet
Multita
Shared
Clipbo
Remot
About
Disk Management
File Action View Help
Volume Layout Type File System Status Capacity Free Spa... % Free
(C:) Simple Basic NTFS Healthy (B... 49.46 GB 40.03 GB 81 %
System Reserved Simple Basic NTFS Healthy (S... 549 MB 128 MB 23 %
VBox_GAs_6.1.32 (... Simple Basic CDFS Healthy (P... 58 MB 0 MB 0 %
Disk 0
Basic
50.00 GB
Online
System Reserved
549 MB NTFS
Healthy (System, Active, Primary Partitio
(C:)
49.46 GB NTFS
Healthy (Boot, Page File, Crash Dump, Primary Partition)
CD-ROM 0
CD-ROM
58 MB
Online
VBox_GAs_6.1.32 (D:)
58 MB CDFS
Healthy (Primary Partition)
Unallocated
Primary partition
Network
Internet access
ES



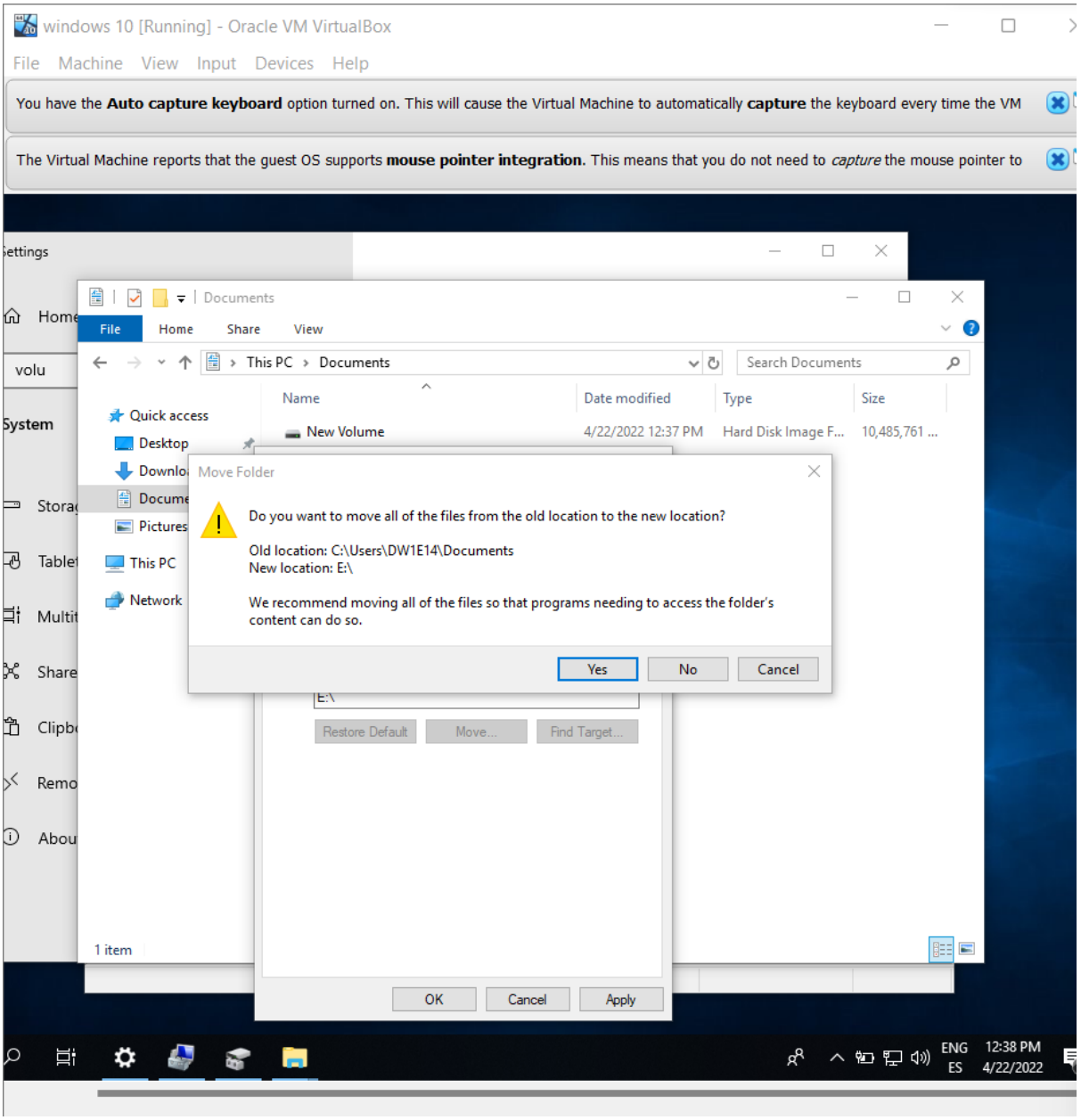
Finally, create a new folder in F called “Documents”. You can change the location right clicking on the folder “Documents” from the tab “Location



i create a new VOLUME

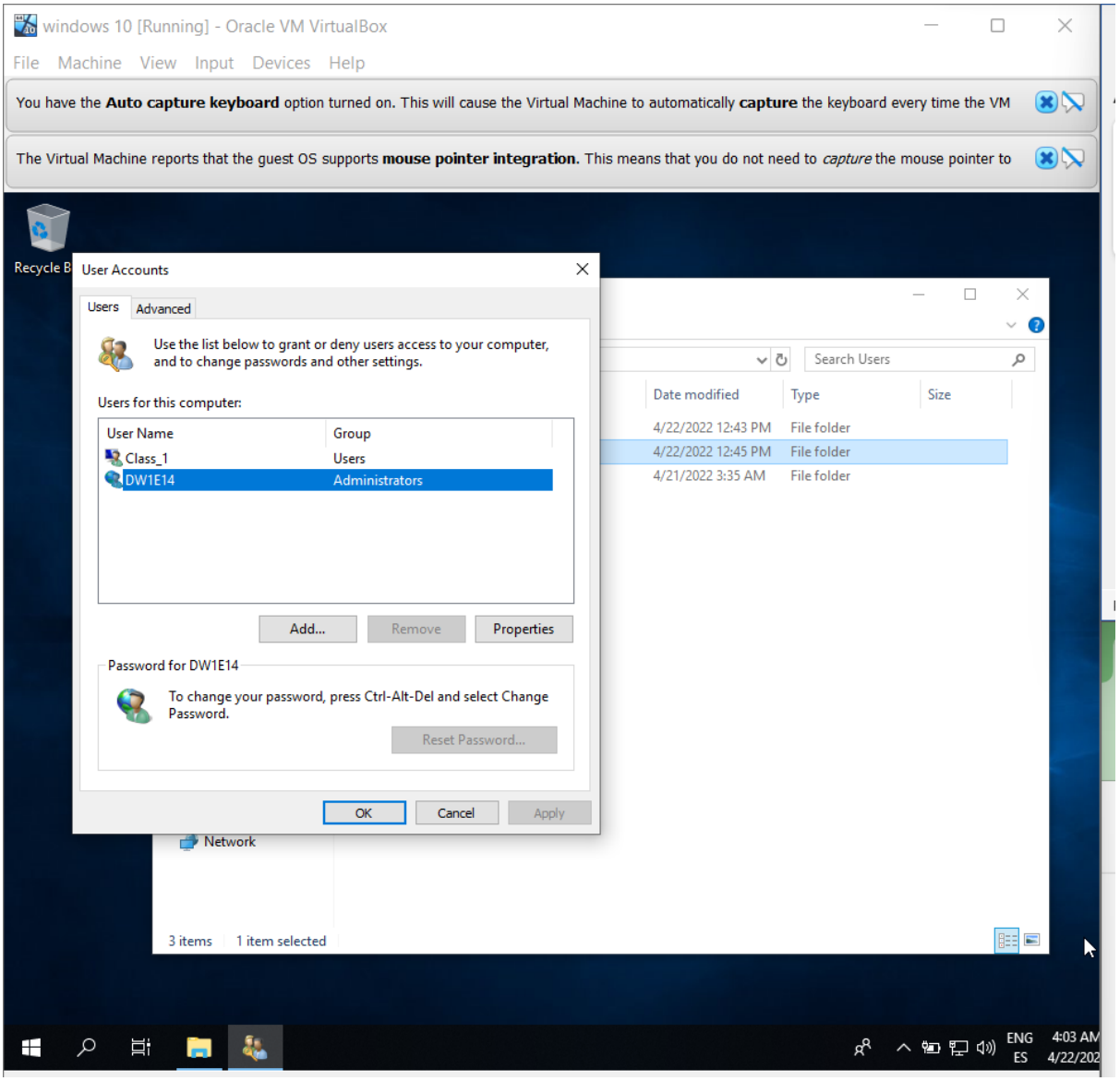


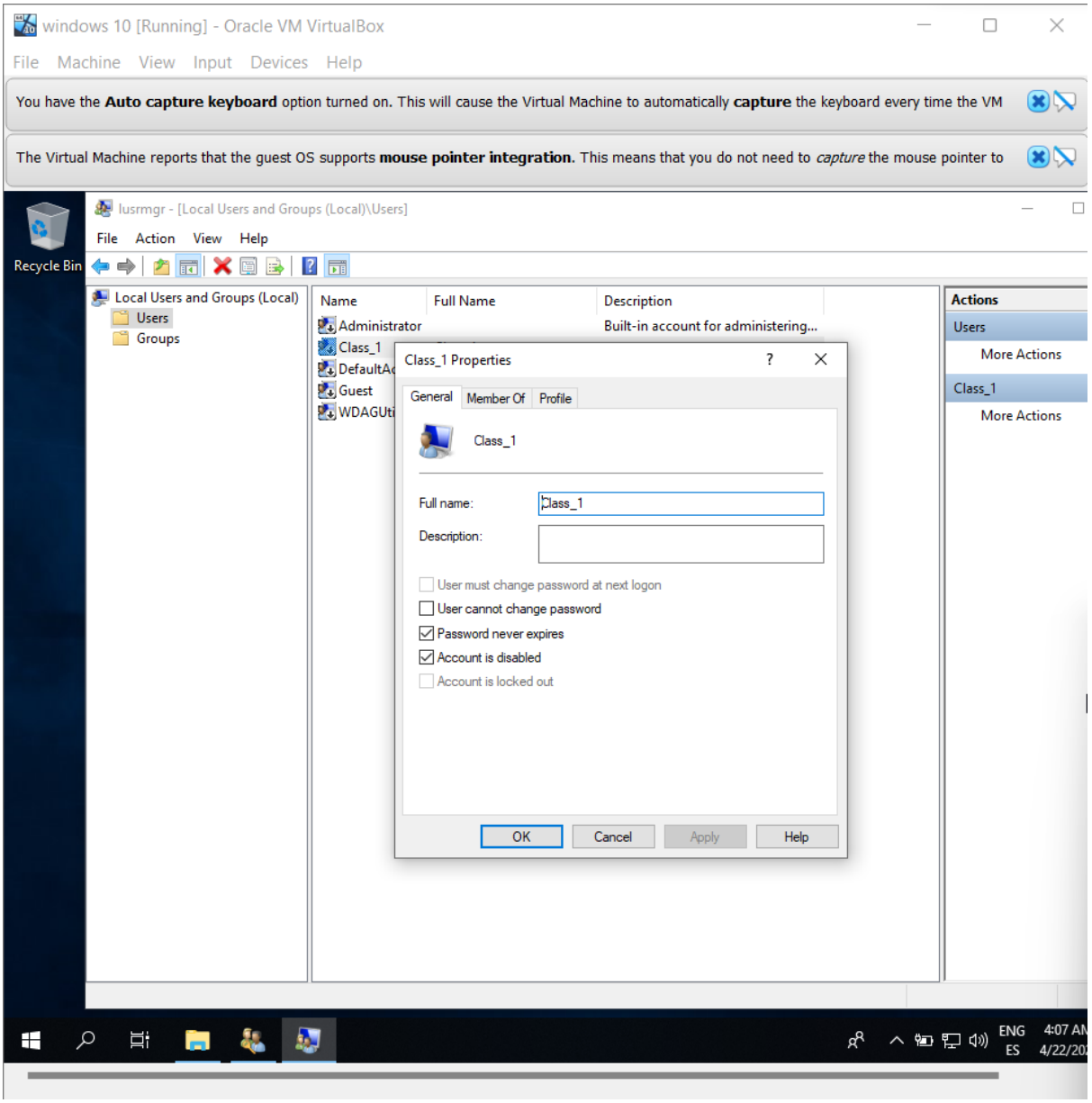
We are warned if we want to move the existing content.



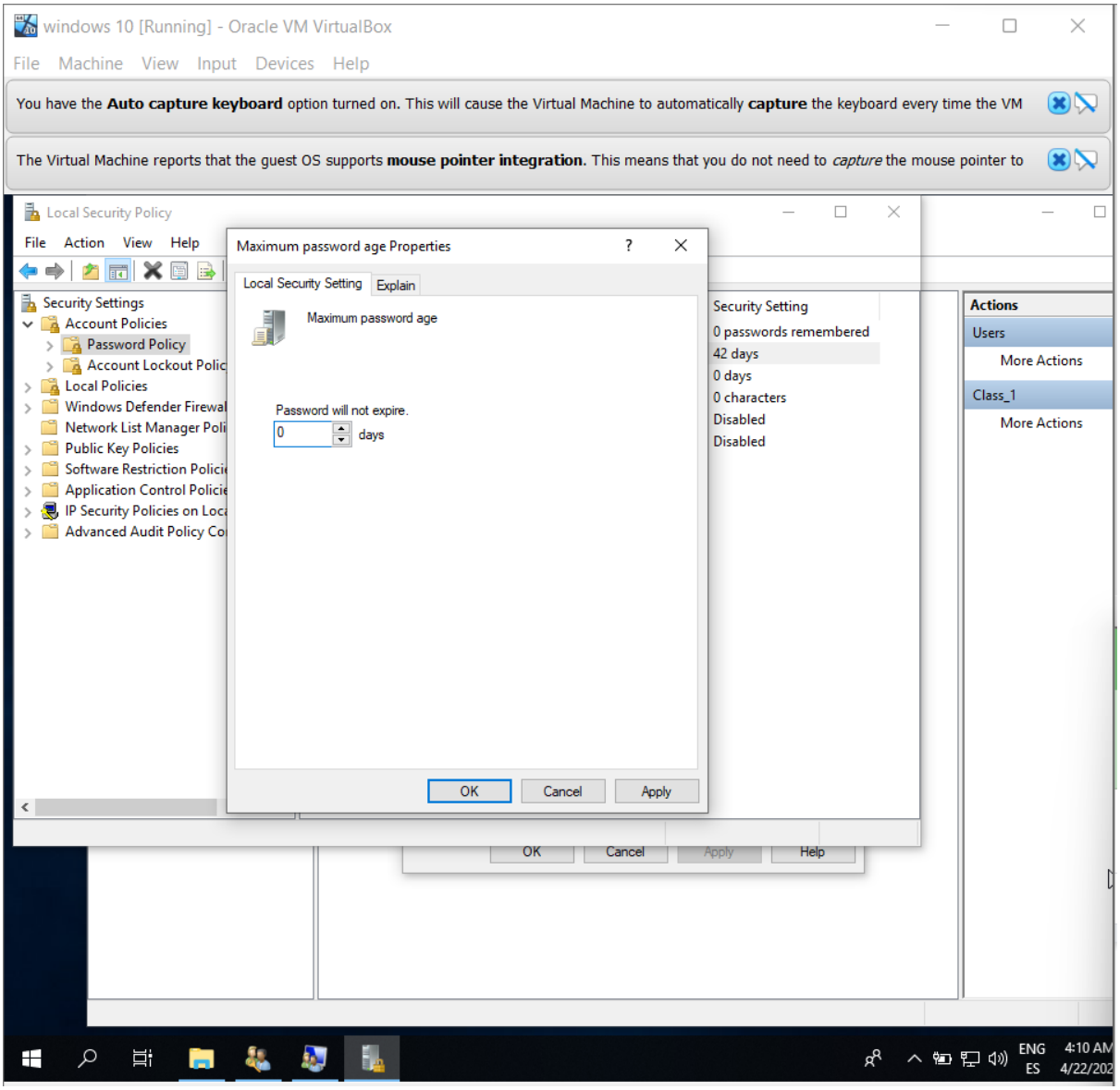
1. **How do you configure a user to log in without a password and automatically when turning the computer on?**

In addition, you can type "netplwiz" to open a utility in which you can unset the following property:


windows 10 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
You have the Auto capture keyboard option turned on. This will cause the Virtual Machine to automatically capture the keyboard every time the VM
The Virtual Machine reports that the guest OS supports mouse pointer integration. This means that you do not need to capture the mouse pointer to
Recycle B
User Accounts
Users
Advanced
Use the list below to grant or deny users access to your computer, and to change passwords and other settings.
Users for this computer:
User Name
Group
Class_1
Users
DW1E14
Administrators
Add...
Remove
Properties
Password for DW1E14
To change your password, press Ctrl-Alt-Del and select Change Password.
Reset Password...
OK
Cancel
Apply
Search Users
Date modified
Type
Size
4/22/2022 12:43 PM
File folder
4/22/2022 12:45 PM
File folder
4/21/2022 3:35 AM
File folder
Network
3 items
1 item selected
ENG
ES
4:03 AM
4/22/202



1. How do you configure a specific user so that the password never expires? How can you configure this policy for everyone?



1. **When can you use a locked account?**

1. **When can you use a locked account?**

After the lockout duration or the logon failed attempts are reset. The administrator is also able to unlock an account from computer management. The checkbox will be automatically enabled.

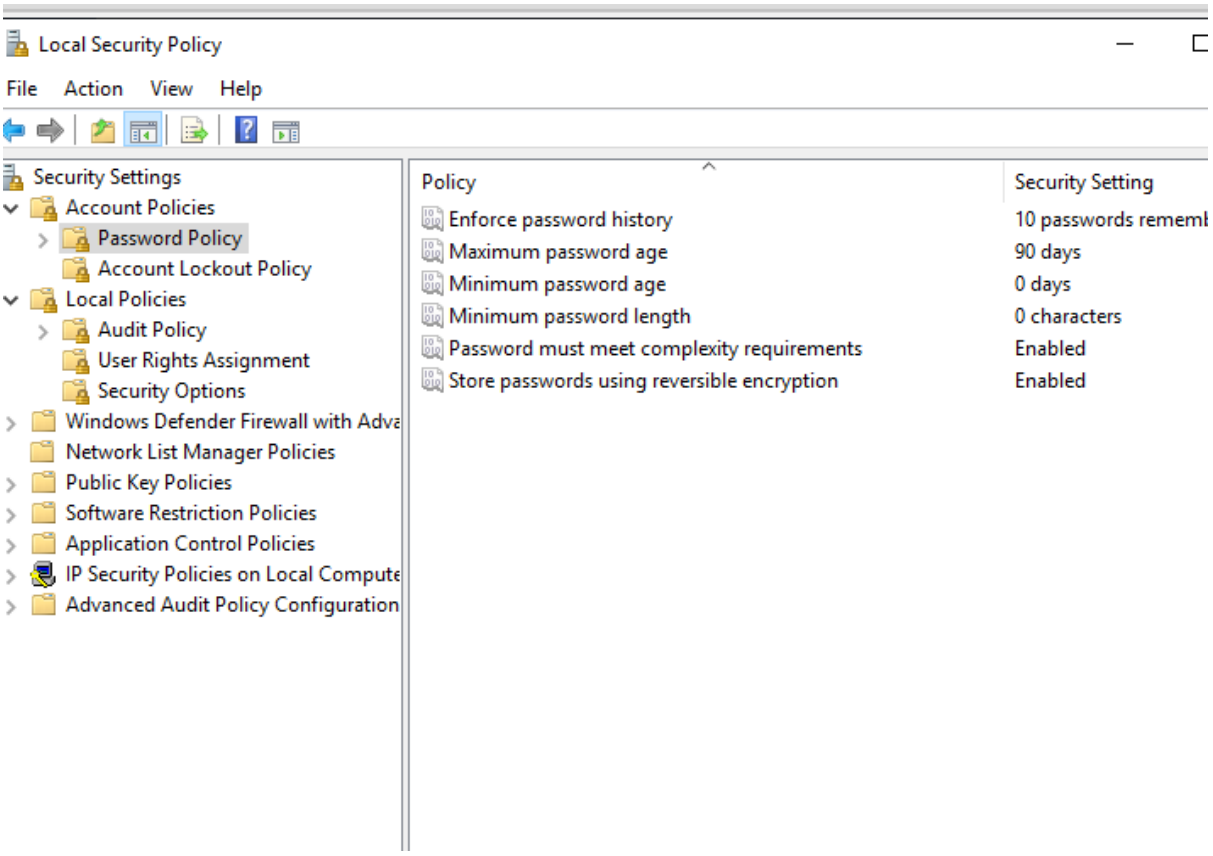
1. **Imagine you define an "Account lockout threshold" of 3 and "Account lockout duration" of 5. What would be the valid values of "Reset account lockout counter after"? What if "Account lockout threshold" value were 0?**

Reset account lockout counter after must be less or equal to "Account lockout duration".

If "Account lockout threshold" were 0, you would not be able to set the other policies, as you cannot lock a password.

1. **Configure the system according to the following criteria:**

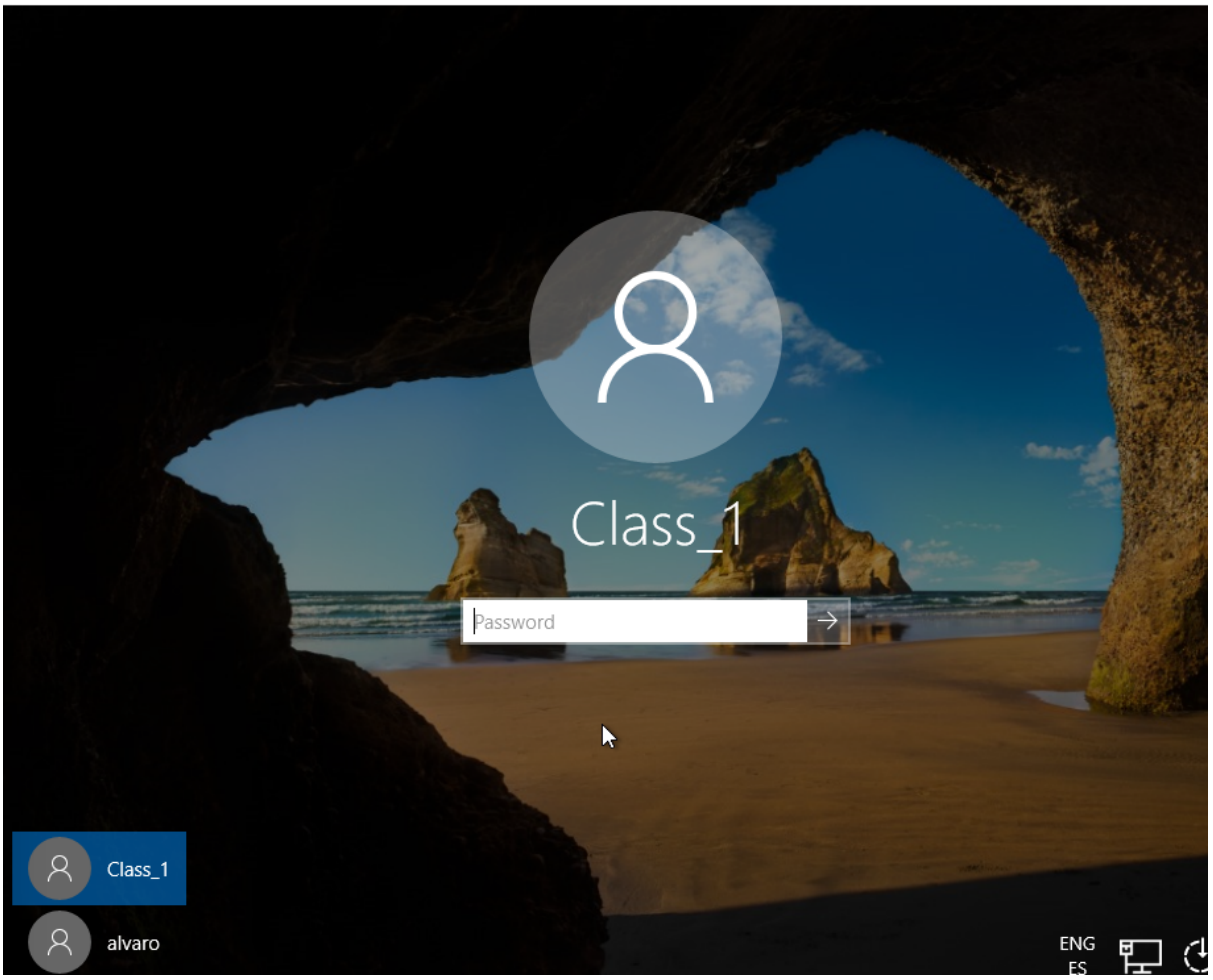
   - **All the passwords must have at least 8 characters.**
   - **All the passwords must contain uppercase, lowercase, numbers and non-alphanumeric characters.**
   - **The system stores the last 10 passwords for each user.**
   - **All the passwords expire after 3 months.**

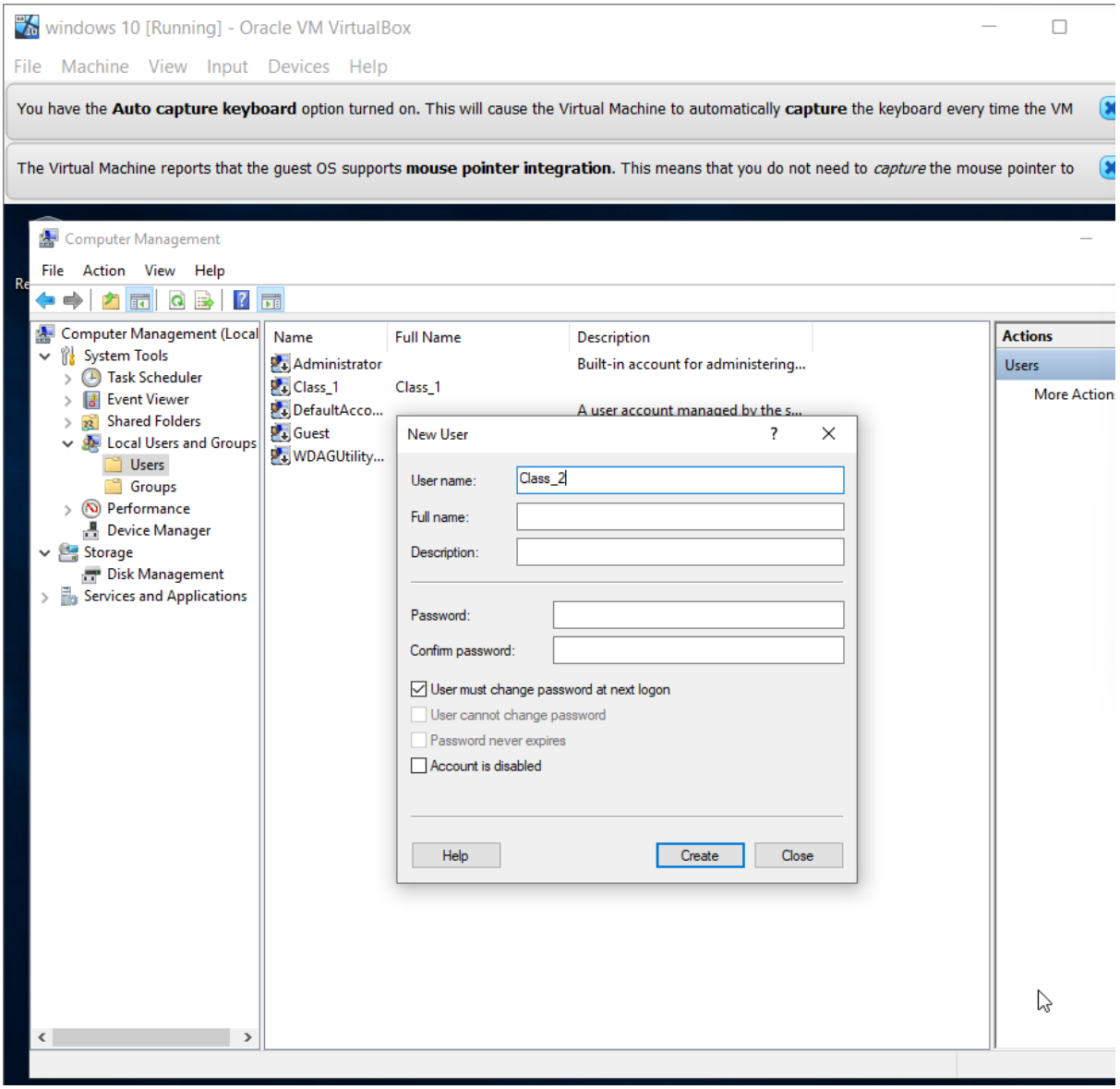


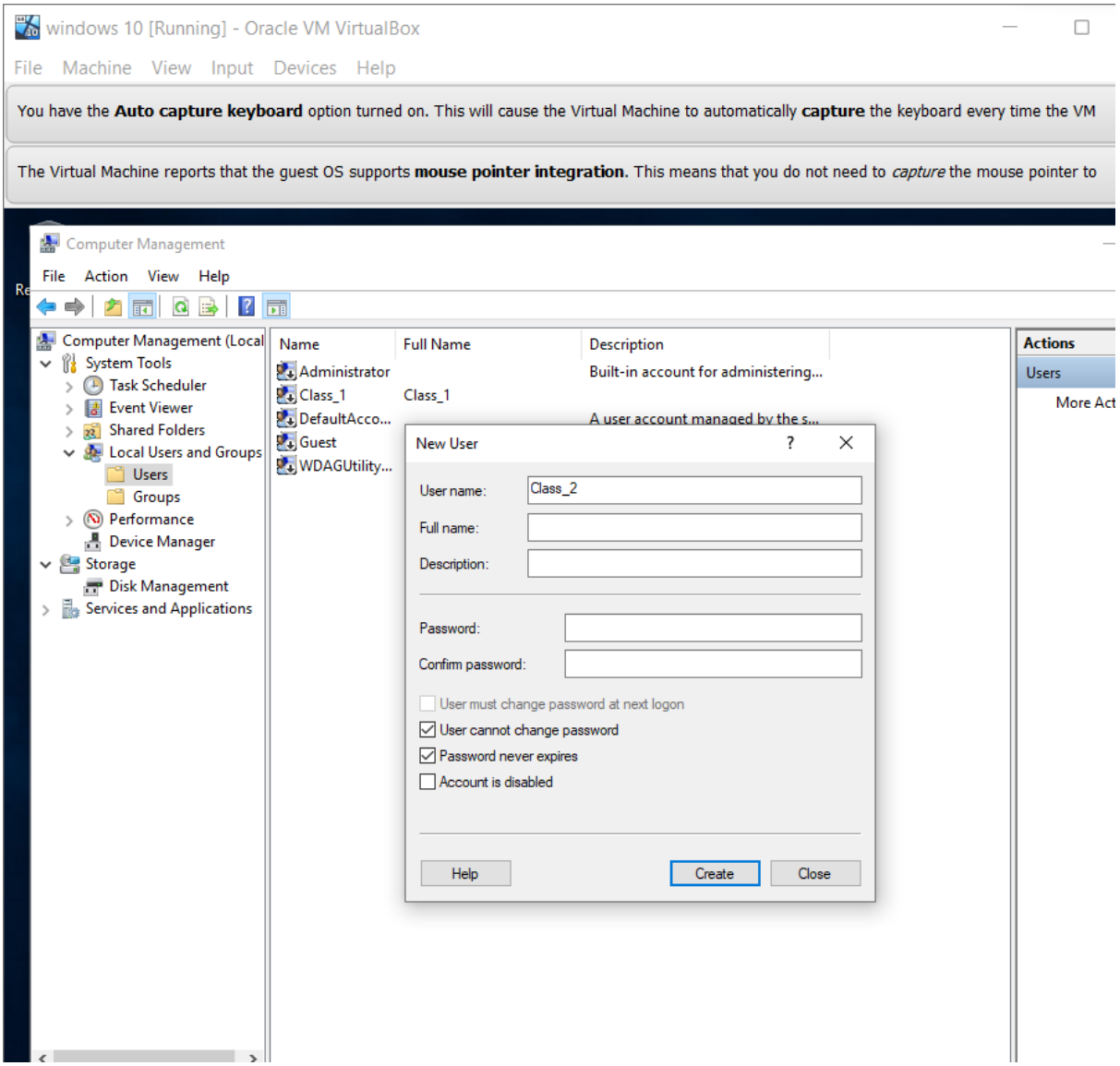
1. **Configure the user "Class_1" to be locked after 3 invalid logon attempts. If the user is locked out, it will be able to type the password again in 5 minutes. Complete the following steps:**

   - **Lock the user.**
   - **Unlock the user as administrator and check if the user is able to log in.**
   - **Lock the user again.**

- **Wait for 5 minutes.**
- **Type the right password and check if the user is able to log in.**




windows 10 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
You have the Auto capture keyboard option turned on. This will cause the Virtual Machine to automatically capture the keyboard every time the VM
The Virtual Machine reports that the guest OS supports mouse pointer integration. This means that you do not need to capture the mouse pointer to
Computer Management
File Action View Help
Computer Management (Local
System Tools
Task Scheduler
Event Viewer
Shared Folders
Local Users and Groups
Users
Groups
Performance
Device Manager
Storage
Disk Management
Services and Applications
Name
Full Name
Description
Administrator
Built-in account for administering...
Class_1
Class_1
DefaultAcco...
A user account managed by the s...
Guest
WDAGUtility...
New User
User name:
Class_2
Full name:
Description:
Password:
Confirm password:
User must change password at next logon
User cannot change password
Password never expires
Account is disabled
Help
Create
Close
Actions
Users
More Action


windows 10 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
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Computer Management (Local
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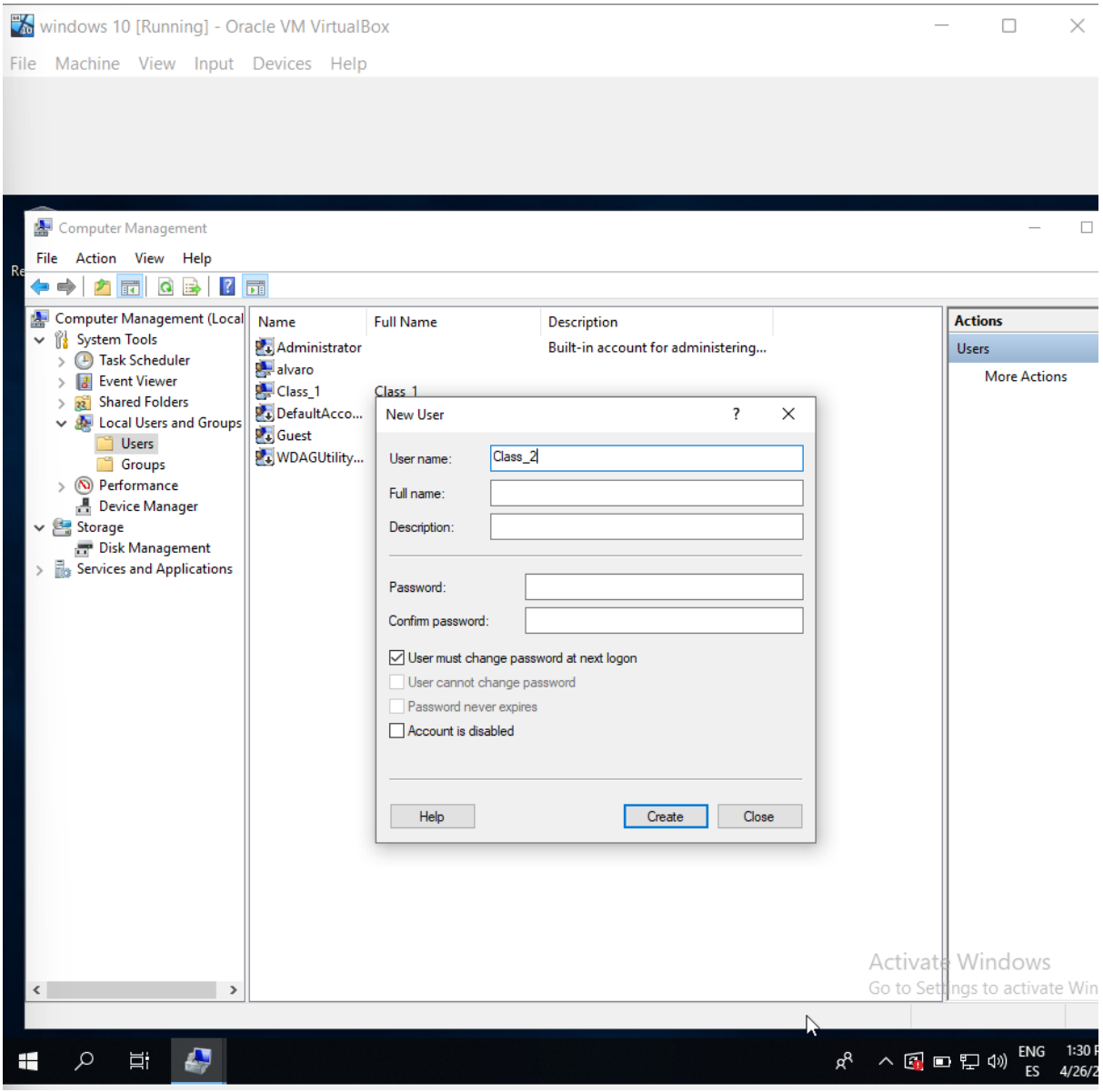
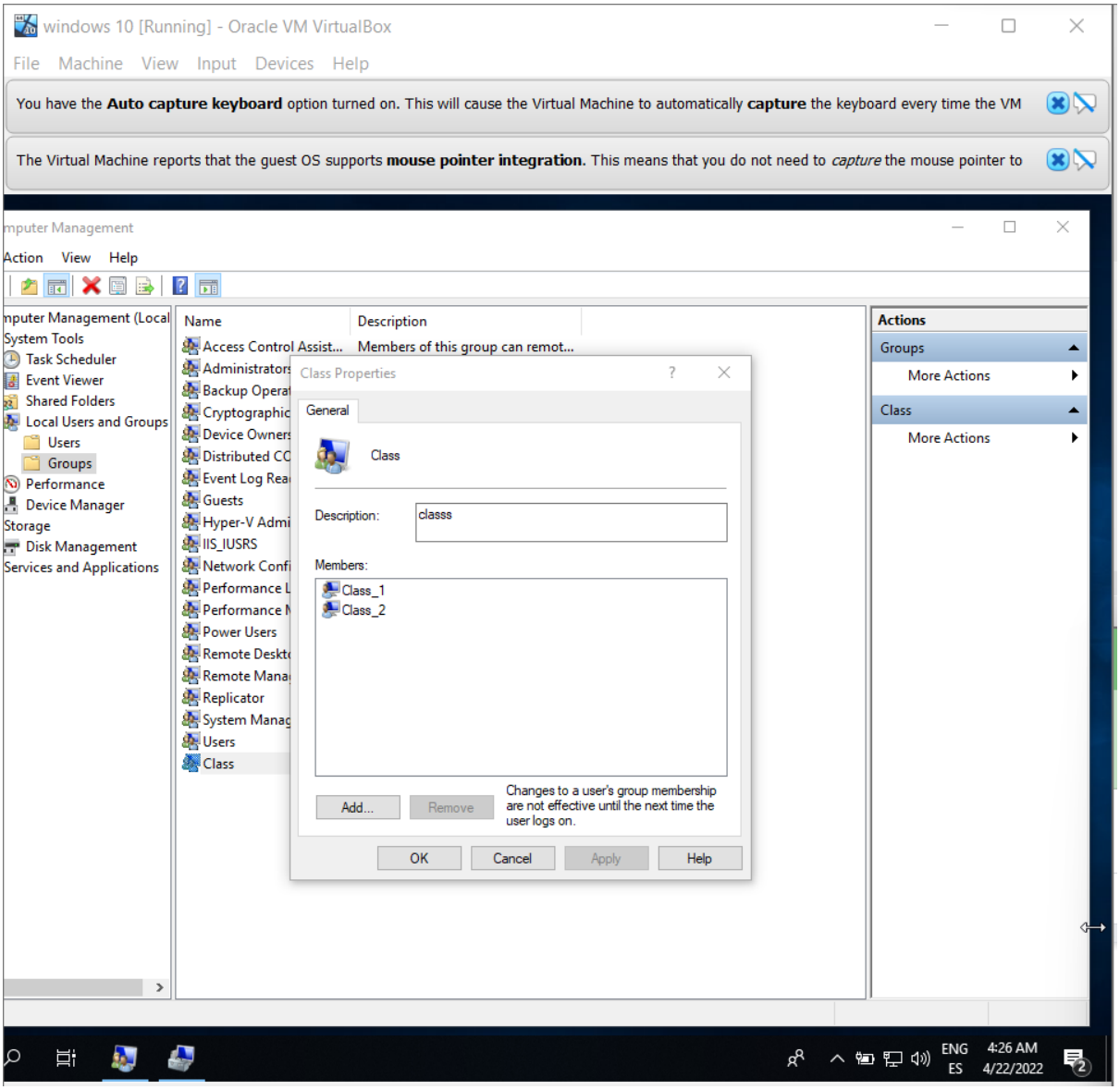
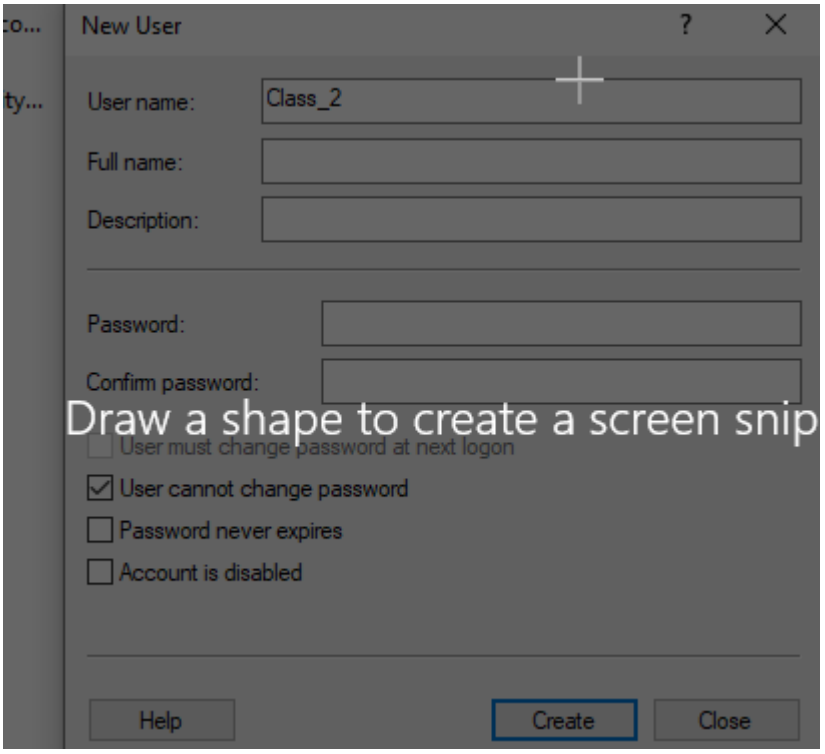
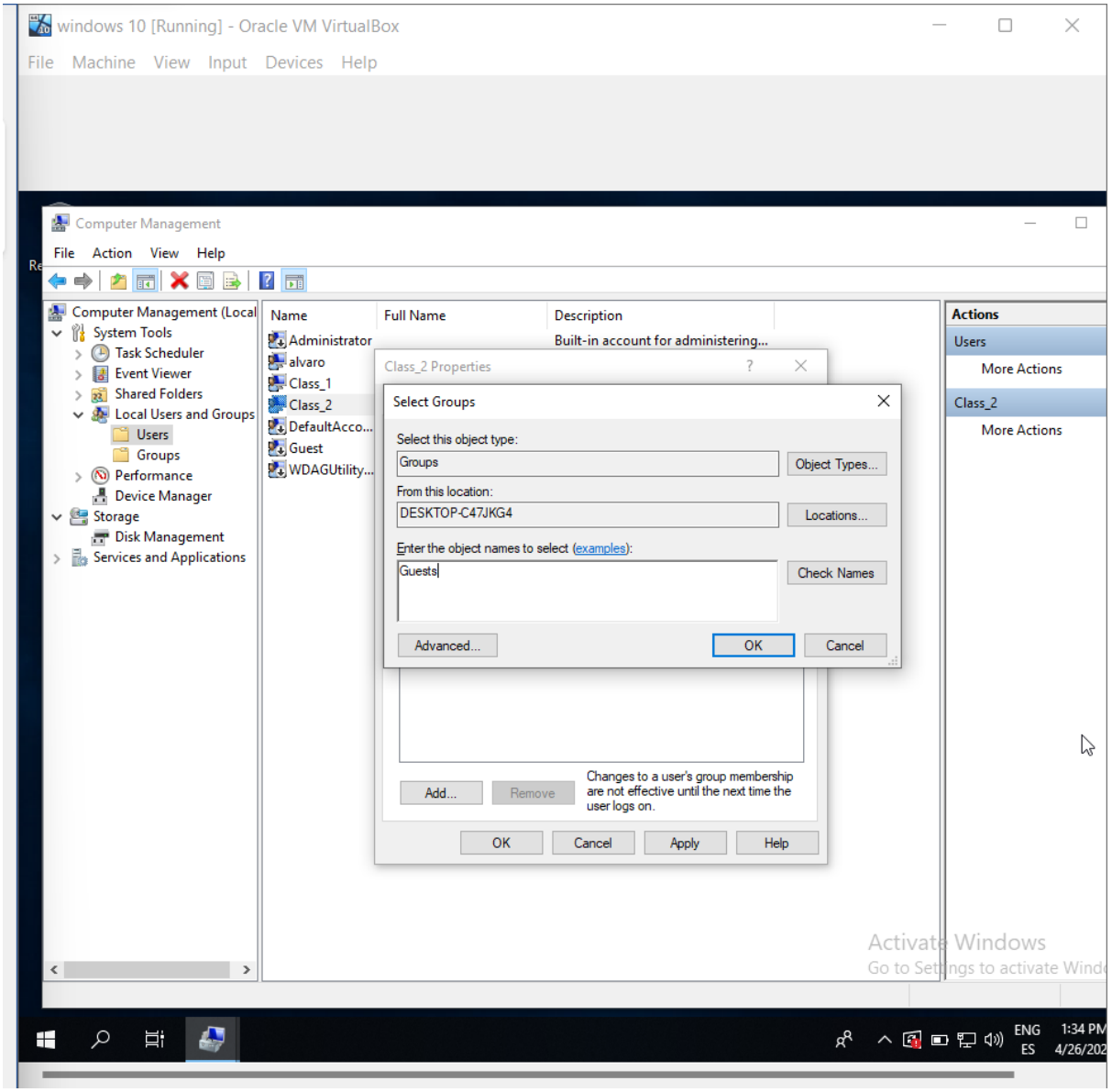
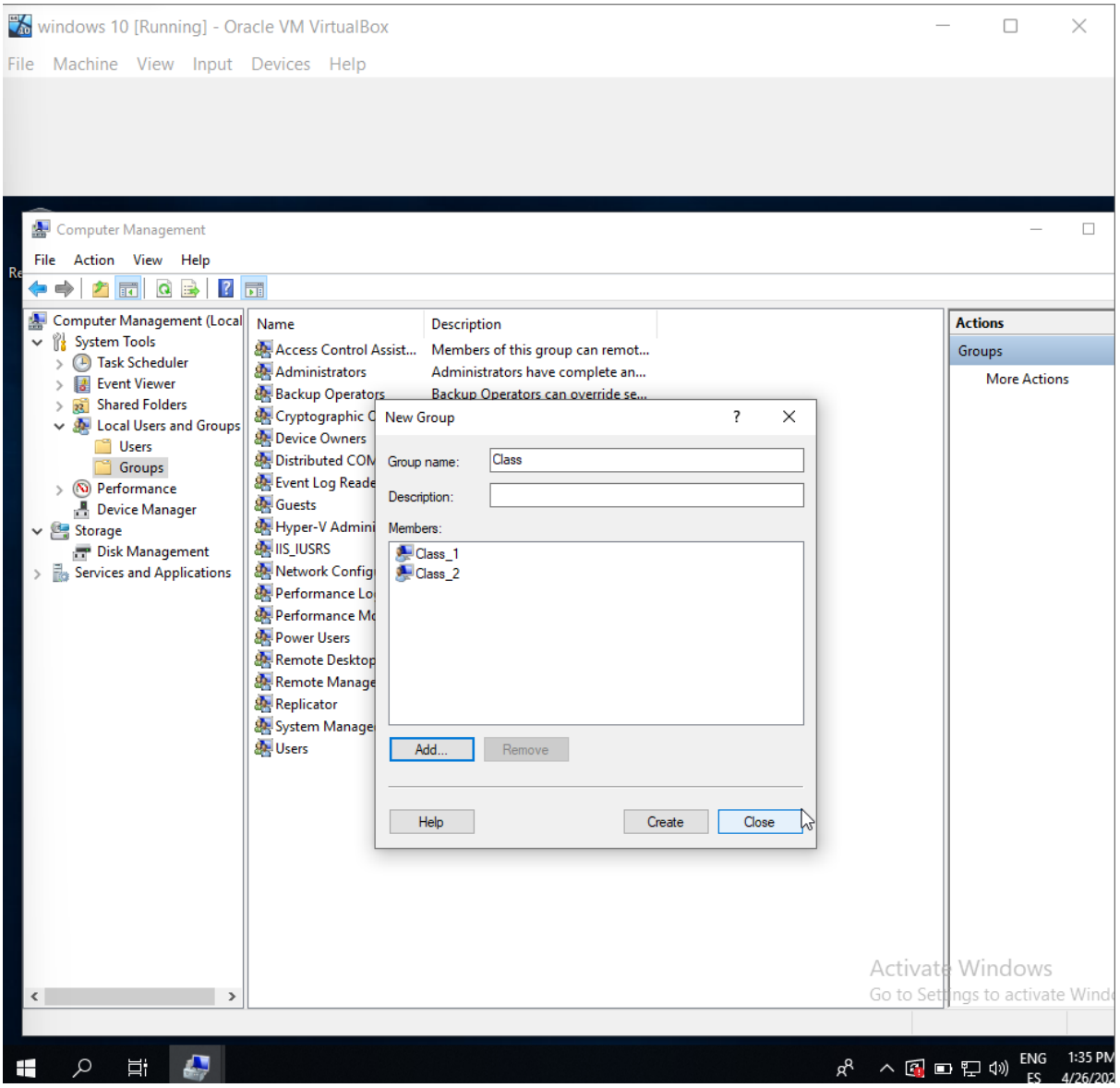
Local Users and Groups
Users
Groups
Performance
Device Manager
Storage
Disk Management
Services and Applications
Name
Full Name
Description
Administrator
Built-in account for administering...
Class_1
Class_1
DefaultAcco...
Guest
WDAGUtility...
Actions
Users
More Act
New User
User name:
Class_2
Full name:
Description:
Password:
Confirm password:
User must change password at next logon
User cannot change password
Password never expires
Account is disabled
Help
Create
Close


windows 10 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Computer Management
File Action View Help
Computer Management (Local
System Tools
Task Scheduler
Event Viewer
Shared Folders
Local Users and Groups
Users
Groups
Performance
Device Manager
Storage
Disk Management
Services and Applications
Name
Full Name
Description
Administrator
Built-in account for administering...
alvaro
Class_1
DefaultAcco...
Guest
WDAGUtility...
Class_1
New User
User name:
Class_2
Full name:
Description:
Password:
Confirm password:
User must change password at next logon
User cannot change password
Password never expires
Account is disabled
Help
Create
Close
Actions
Users
More Actions
Activate Windows
Go to Settings to activate Win
ENG
ES
1:30
4/26/2

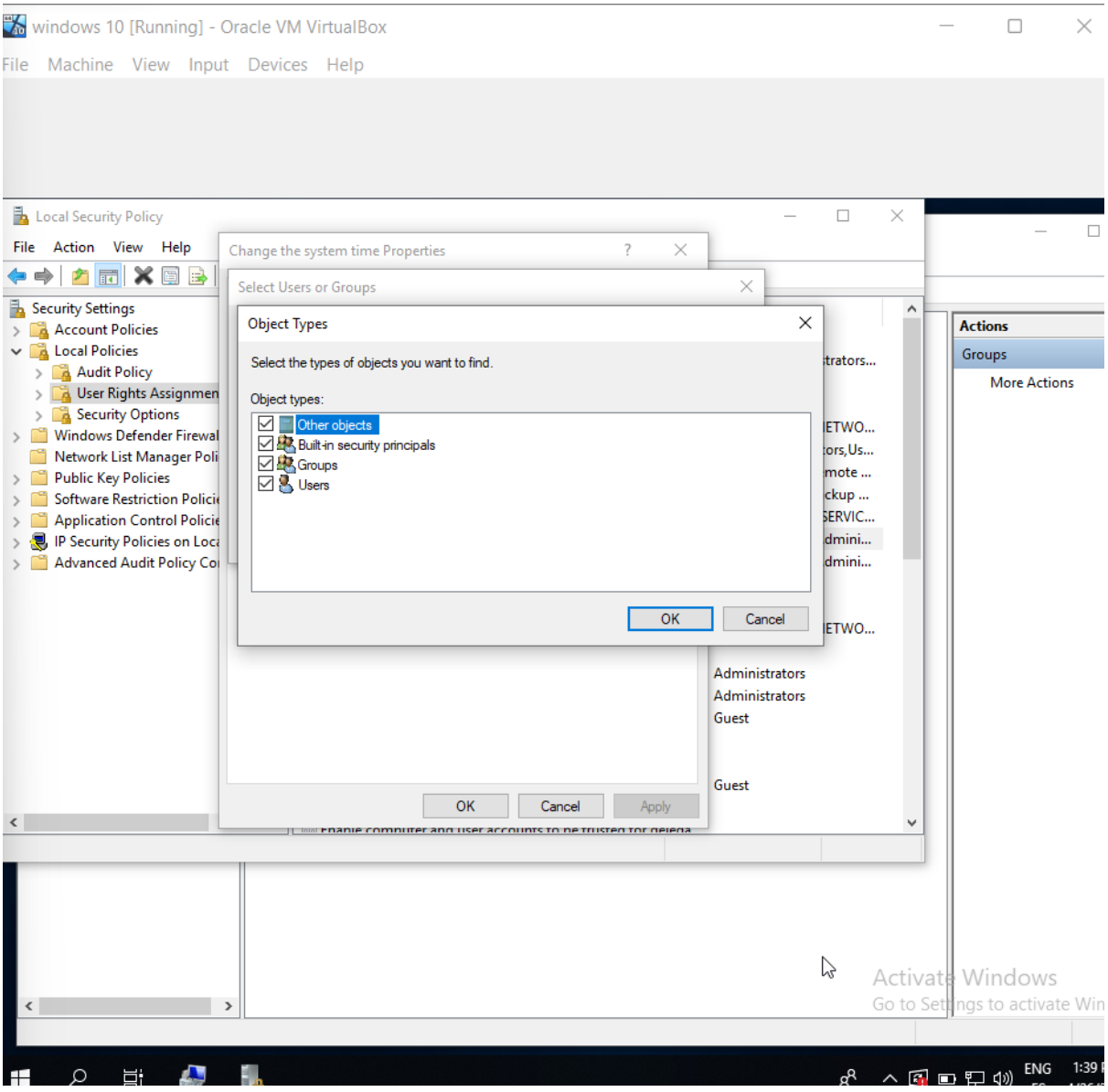

windows 10 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
You have the Auto capture keyboard option turned on. This will cause the Virtual Machine to automatically capture the keyboard every time the VM
The Virtual Machine reports that the guest OS supports mouse pointer integration. This means that you do not need to capture the mouse pointer to
mputer Management
Action View Help
nputer Management (Local
System Tools
Task Scheduler
Event Viewer
Shared Folders
Local Users and Groups
Users
Groups
Performance
Device Manager
Storage
Disk Management
Services and Applications
Name
Description
Access Control Assist...
Members of this group can remot...
Administrators
Backup Operat
Cryptographic
Device Owners
Distributed CO
Event Log Rea
Guests
Hyper-V Admi
IIS_IUSRS
Network Confi
Performance L
Performance M
Power Users
Remote Deskto
Remote Manag
Replicator
System Manag
Users
Class
Class Properties
General
Class
Description:
classs
Members:
Class_1
Class_2
Add...
Remove
Changes to a user's group membership are not effective until the next time the user logs on.
OK
Cancel
Apply
Help
Actions
Groups
More Actions
Class
More Actions
ENG
ES
4:26 AM
4/22/2022


New User
User name:
Class_2
Full name:
Description:
Password:
Confirm password:
Draw a shape to create a screen snip
User must change password at next logon
User cannot change password
Password never expires
Account is disabled
Help
Create
Close


windows 10 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Computer Management
File Action View Help
Computer Management (Local
System Tools
Task Scheduler
Event Viewer
Shared Folders
Local Users and Groups
Users
Groups
Performance
Device Manager
Storage
Disk Management
Services and Applications
Name
Full Name
Description
Administrator
Built-in account for administering...
alvaro
Class_1
Class_2
DefaultAcco...
Guest
WDAGUtility...
Class_2 Properties
Select Groups
Select this object type:
Groups
Object Types...
From this location:
DESKTOP-C47JKG4
Locations...
Enter the object names to select (examples):
Guests
Check Names
Advanced...
OK
Cancel
Add...
Remove
Changes to a user's group membership are not effective until the next time the user logs on.
OK
Cancel
Apply
Help
Actions
Users
More Actions
Class_2
More Actions
Activate Windows
Go to Settings to activate Windo
ENG
ES
1:34 PM
4/26/202

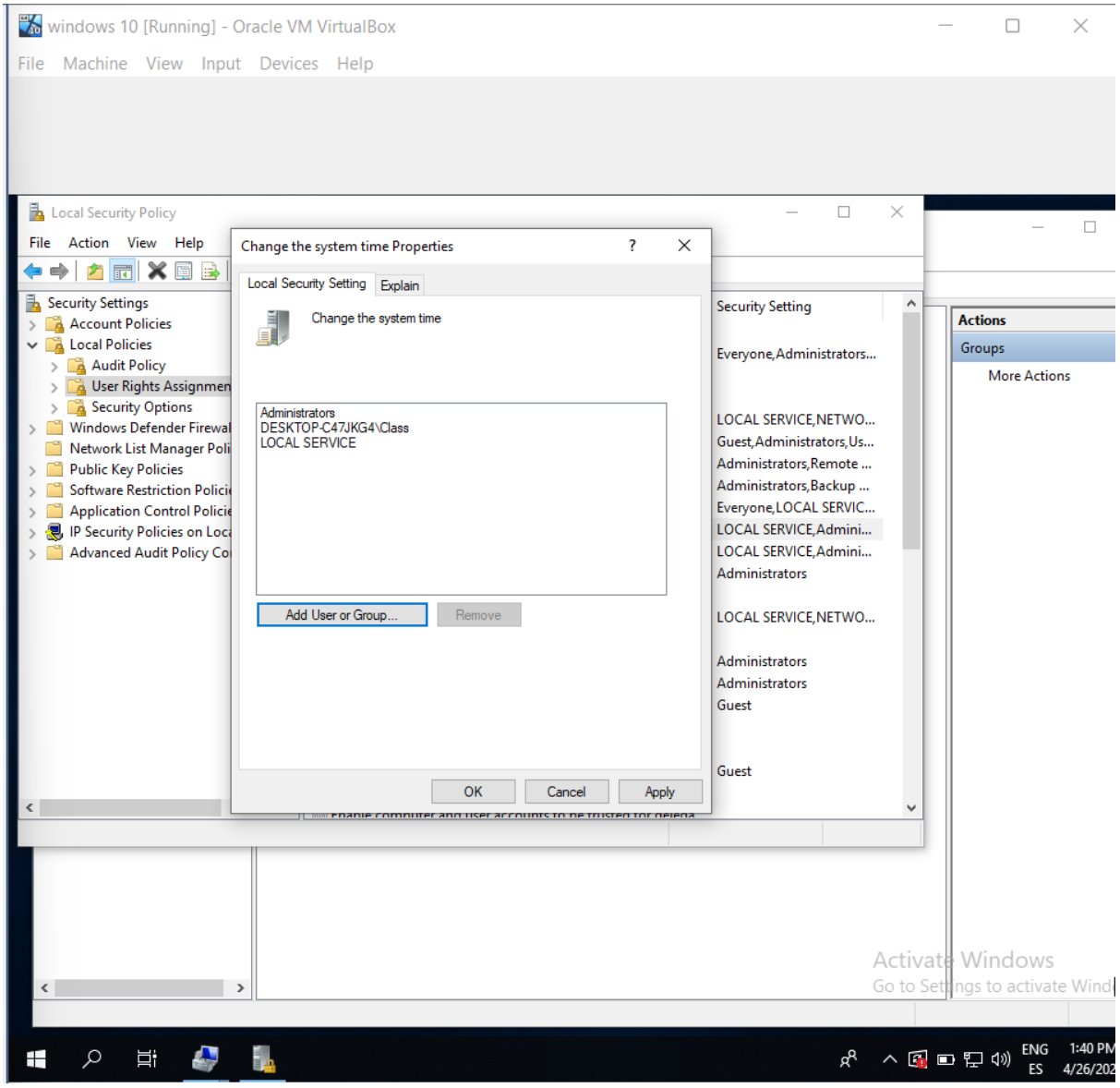


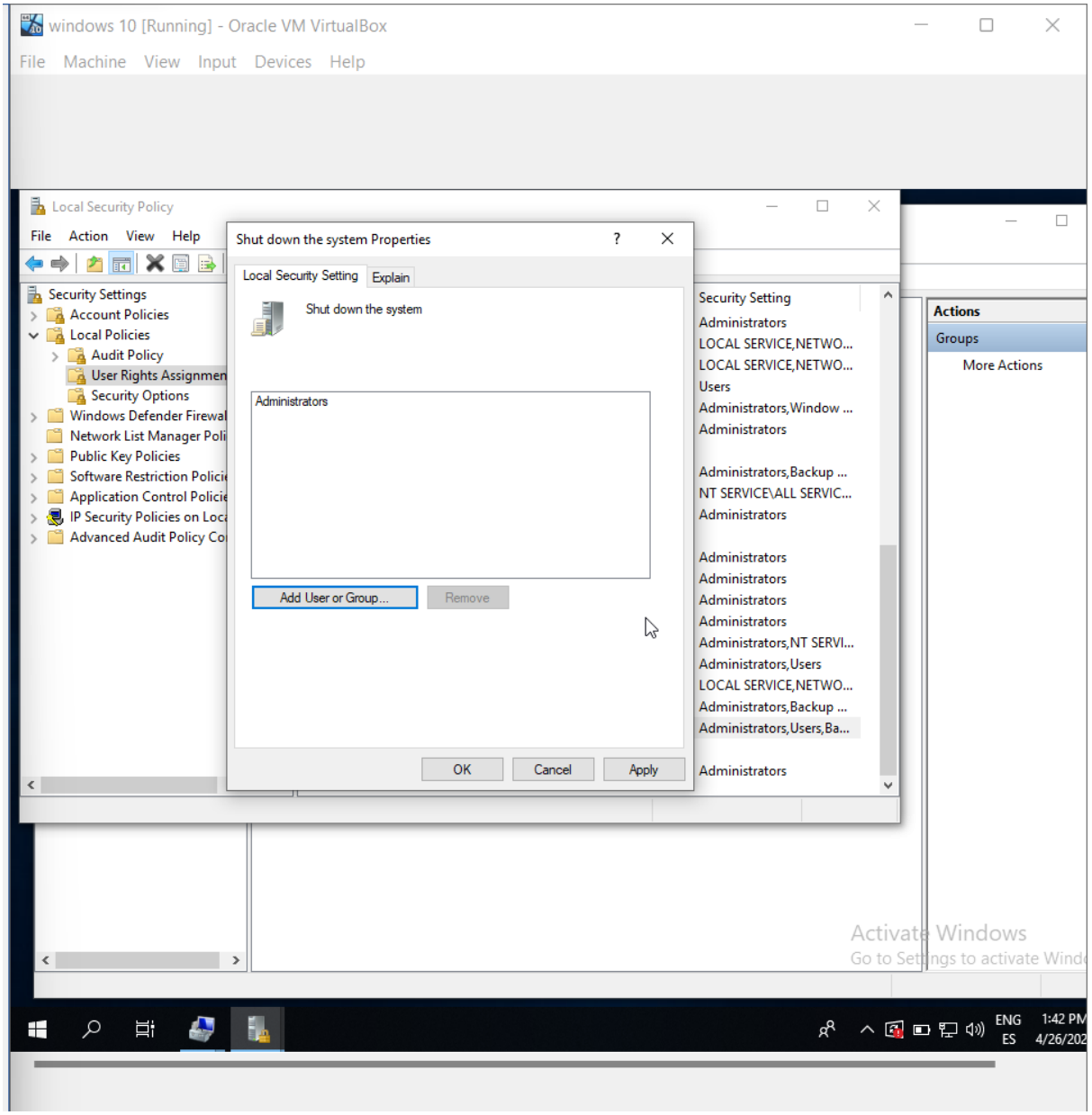
1. **Modify the user rights so “Class_1” and “Class_2” will be able to “Change the system time”.**



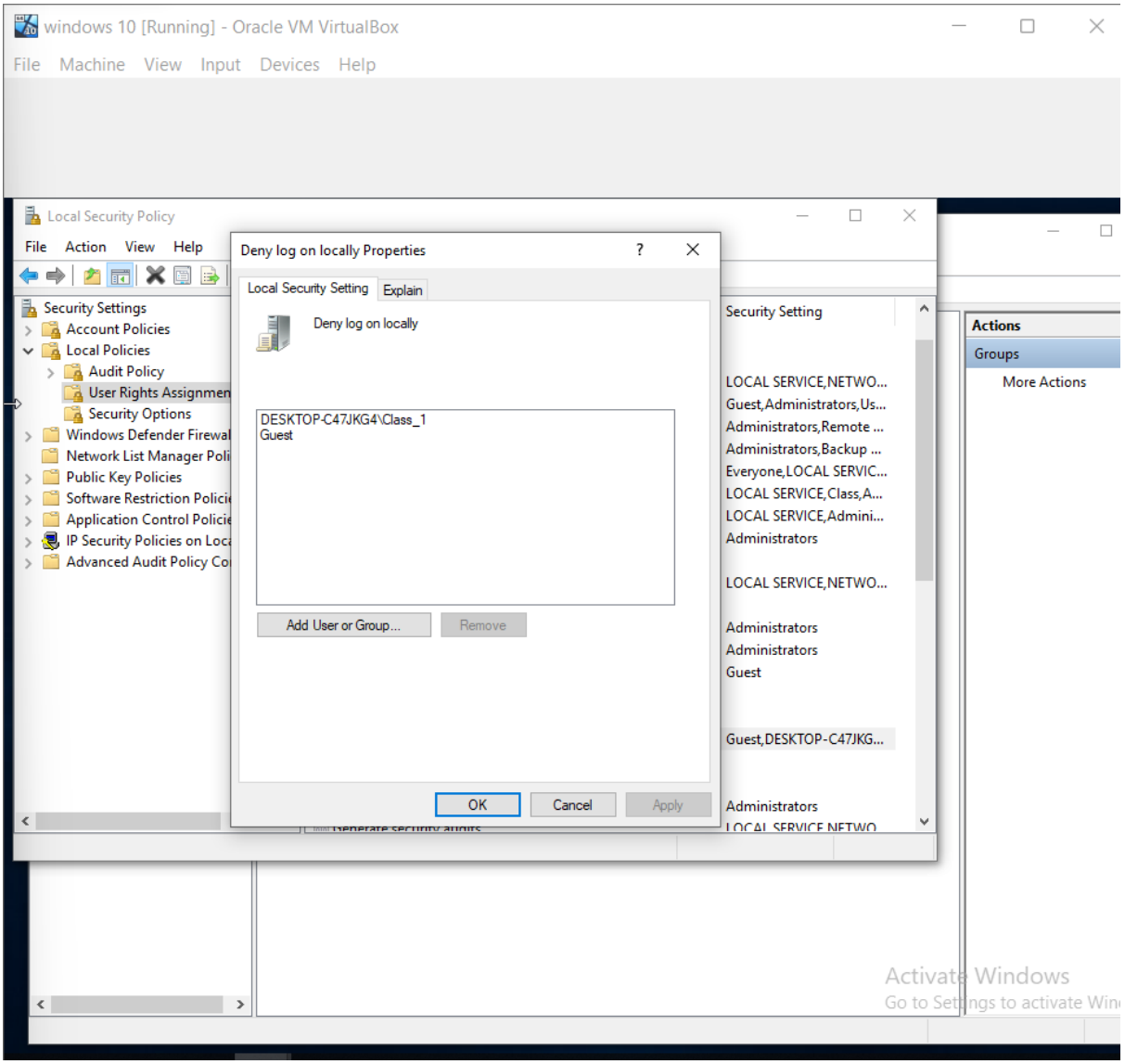
From "Local security policies", "User rights assignment", we can set the policy "Change the system time" adding the Class group (more efficient than adding the individual users).

Be careful when setting the policy, as you cannot add groups by default and you need to check "Groups" in "Object types".

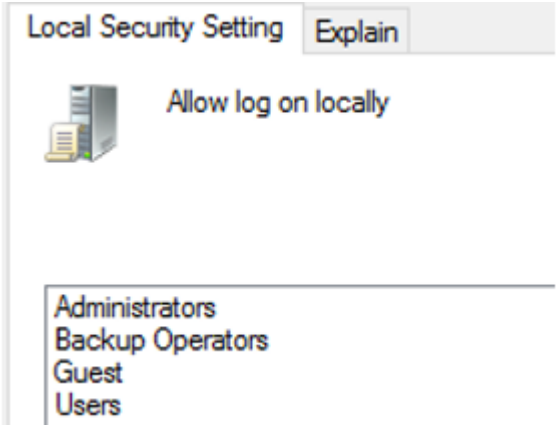

windows 10 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Local Security Policy
File Action View Help
Security Settings
Account Policies
Local Policies
Audit Policy
User Rights Assignmen
Security Options
Windows Defender Firewal
Network List Manager Poli
Public Key Policies
Software Restriction Polici
Application Control Polici
IP Security Policies on Loc
Advanced Audit Policy Co
Change the system time Properties
Local Security Setting
Explain
Change the system time
Administrators
DESKTOP-C47JKG4\Class
LOCAL SERVICE
Add User or Group...
Remove
OK
Cancel
Apply
Security Setting
Everyone,Administrators...
LOCAL SERVICE,NETWO...
Guest,Administrators,Us...
Administrators,Remote ...
Administrators,Backup ...
Everyone,LOCAL SERVIC...
LOCAL SERVICE,Admini...
LOCAL SERVICE,Admini...
Administrators
LOCAL SERVICE,NETWO...
Administrators
Administrators
Guest
Guest
Actions
Groups
More Actions
Activate Windows
Go to Settings to activate Wind
ENG
ES
1:40 PM
4/26/202



We remove all the users except “Administrators” from the policy below



From "Local security policies", "User rights assignment", we can set the policy "Deny log on as locally". This way all the standard users except "Class_1" are able to log in.



… we would not be able to log in. Now, according the policy, the user has not been set to log on locally and he/she does not belong to any of the groups that are able to log in.