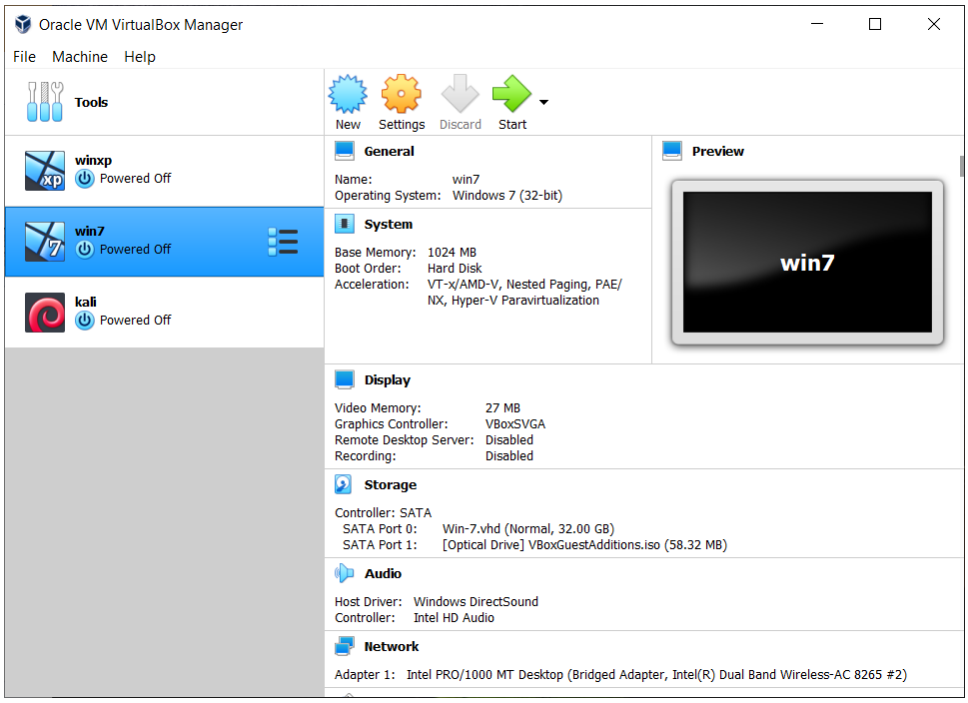
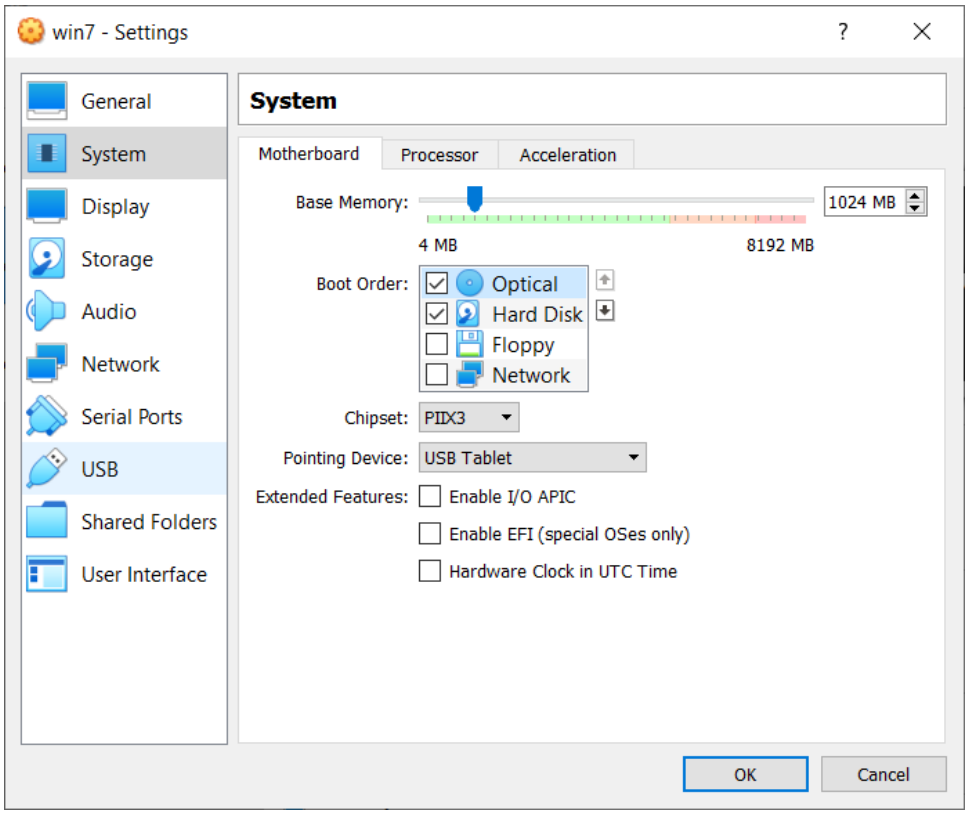
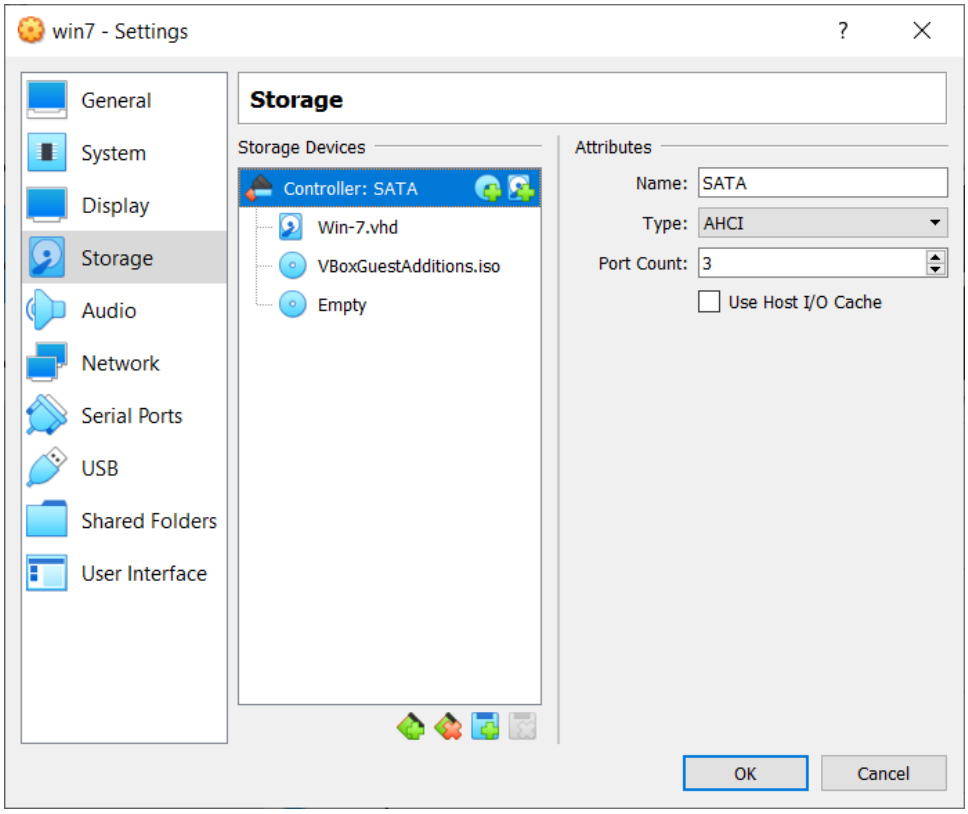
Crack the password of windows machine by using ophcrack tool in virtual machine on windows 7 and try get the password, along with that mention the path of SAM file in windows and explain about SAM file usage and how it can be cracked by tool.

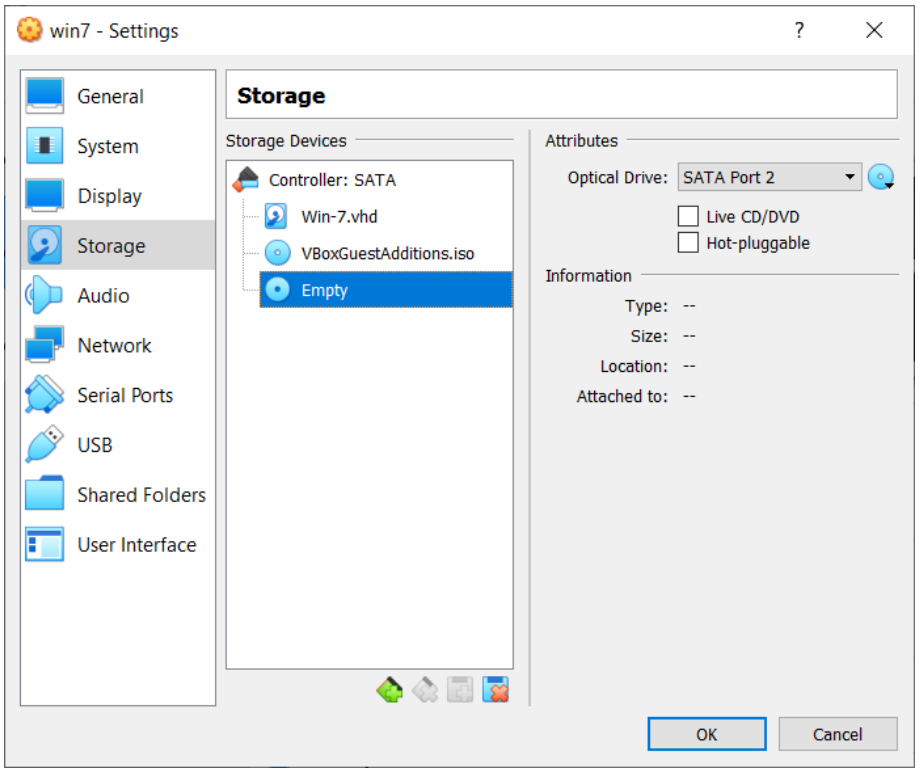
Open Virtual box and click on setting and set optical drive as first boot priority

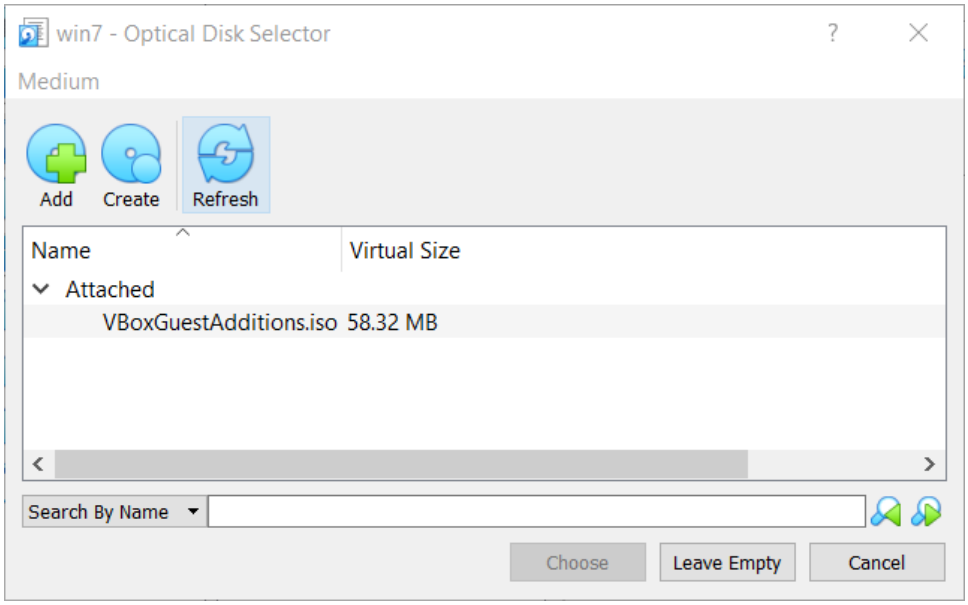


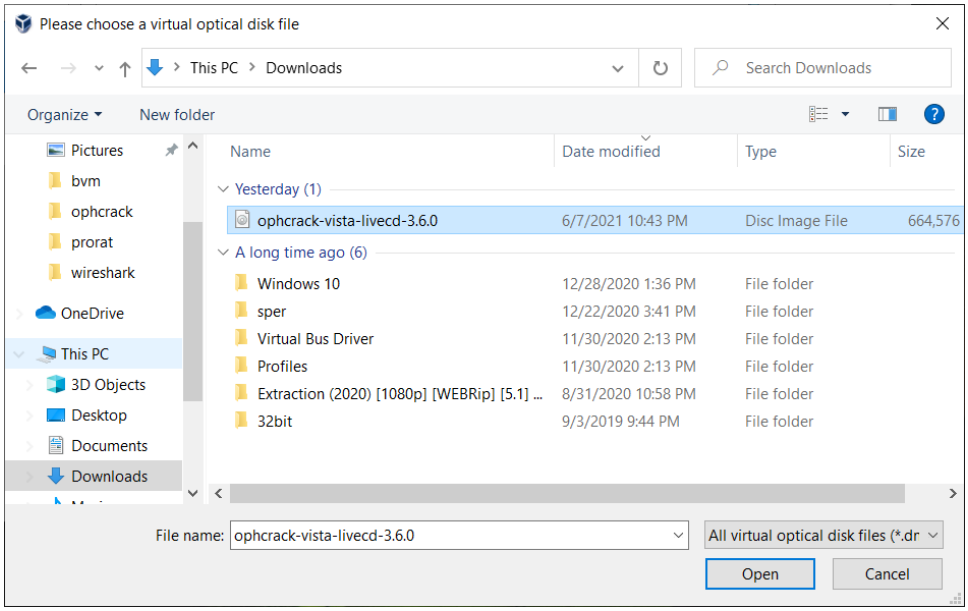


Then click on storage then click on the empty optical drive and then insert the ophcrack live cd file in it

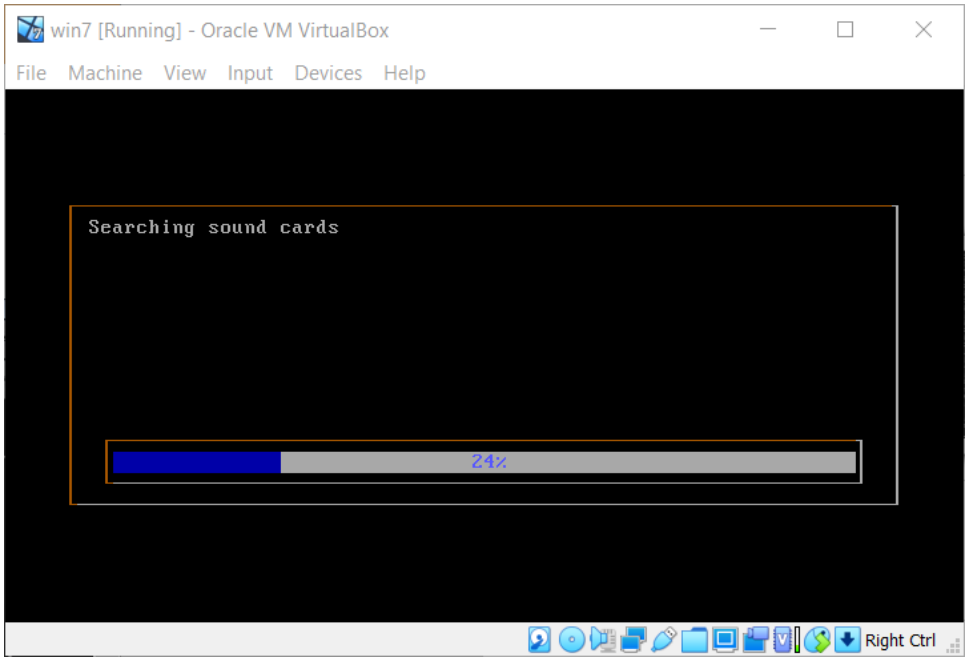

win7 - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
Storage
Storage Devices
Controller: SATA
Win-7.vhd
VBoxGuestAdditions.iso
Empty
Attributes
Name: SATA
Type: AHCI
Port Count: 3
Use Host I/O Cache
OK
Cancel


win7 - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
Storage
Storage Devices
Controller: SATA
Win-7.vhd
VBoxGuestAdditions.iso
Empty
Attributes
Optical Drive: SATA Port 2
Live CD/DVD
Hot-pluggable
Information
Type: --
Size: --
Location: --
Attached to: --
OK
Cancel

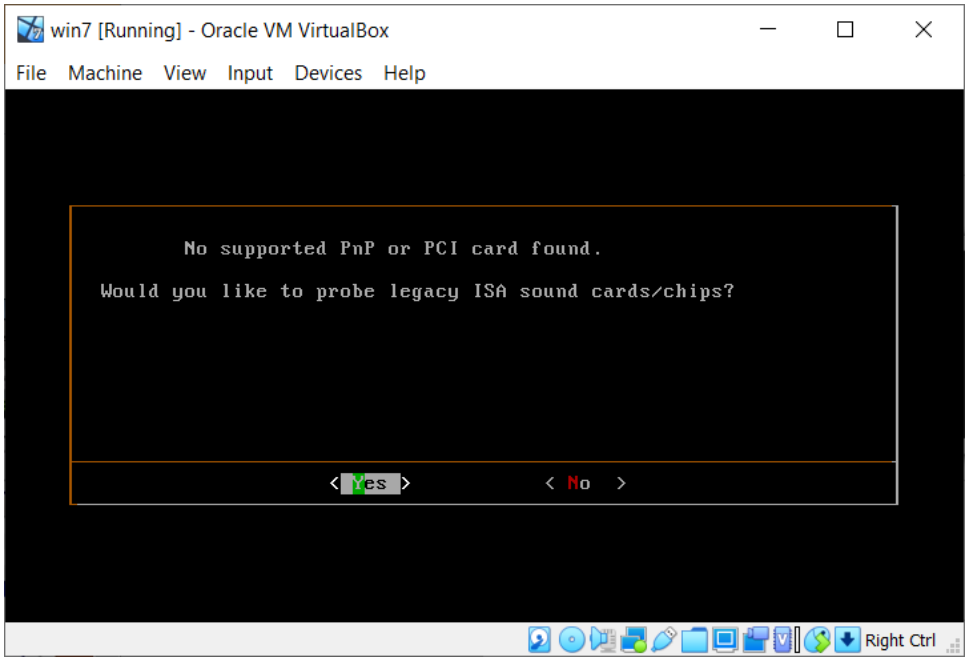




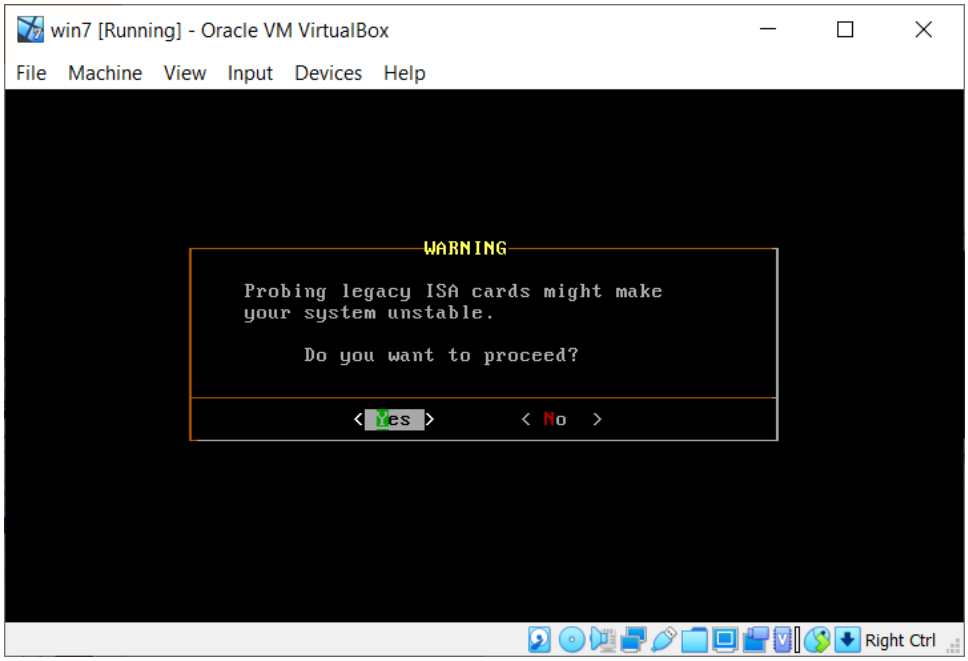
After inserting the ophcrack file then start the win7 virtual machine



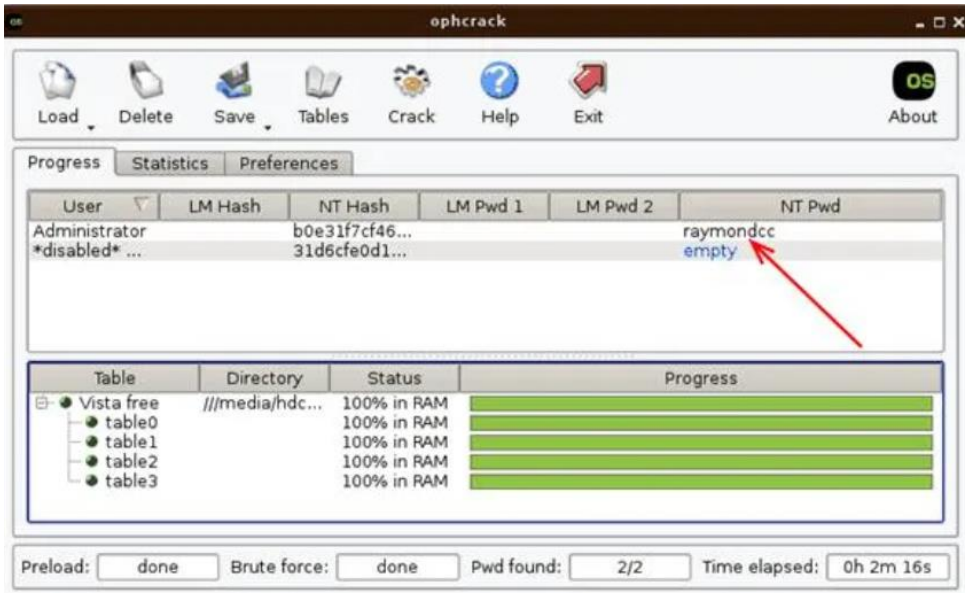
Click on yes



Click on yes

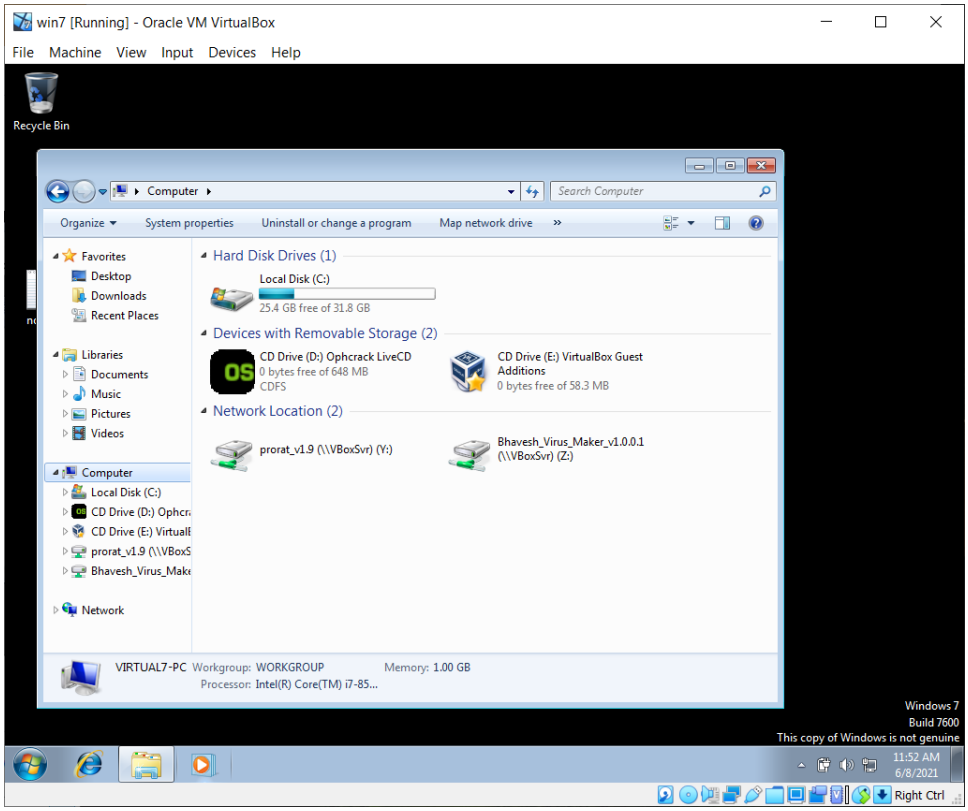


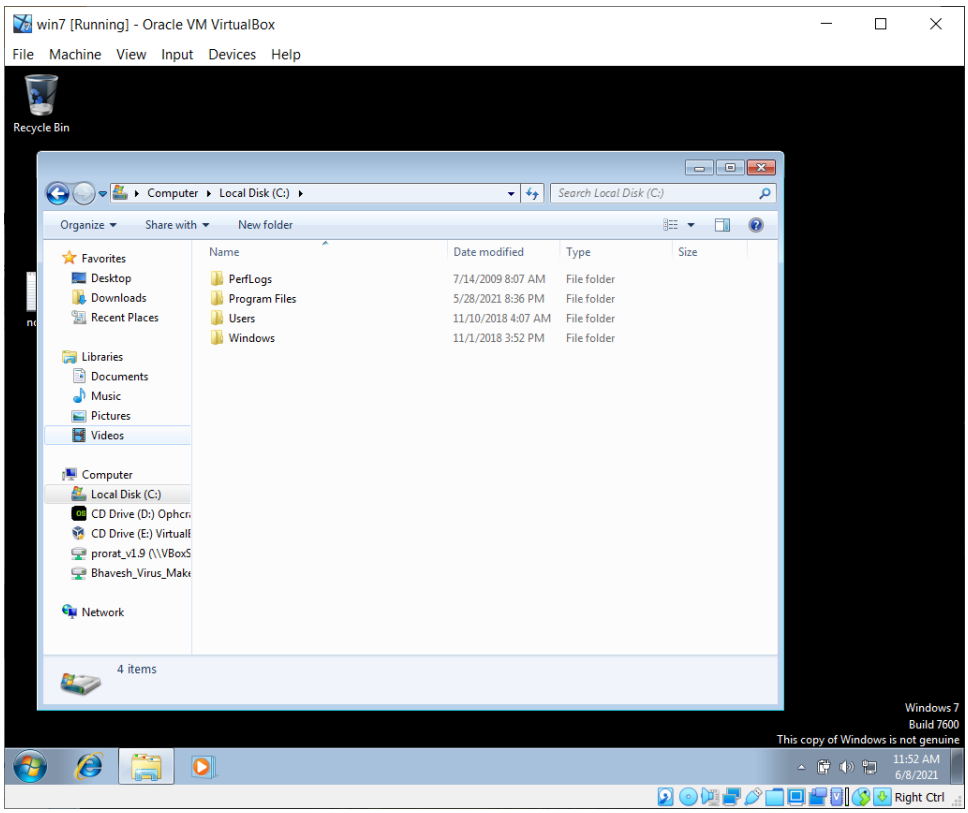
Now you can see the password for the type of user

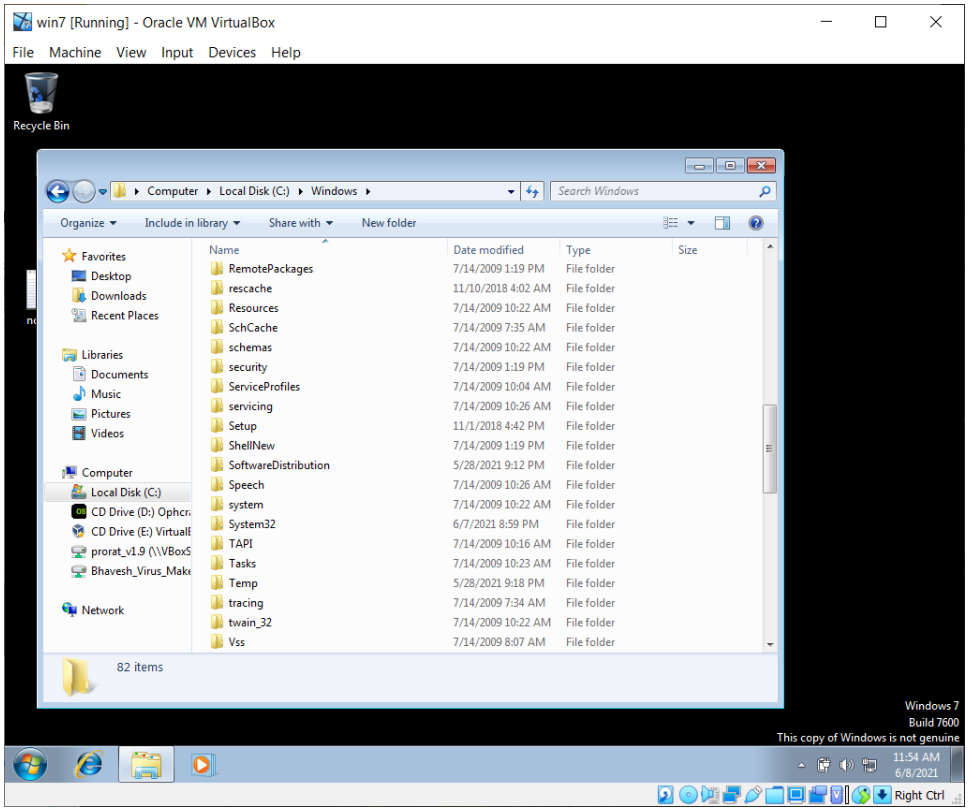


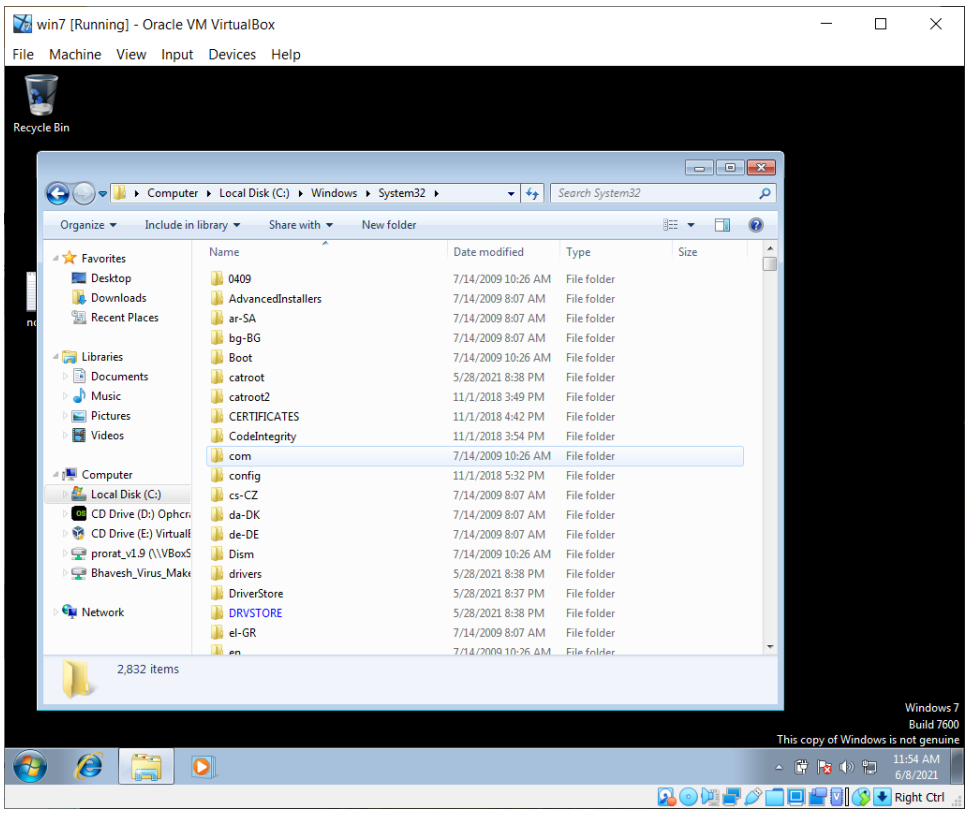
Path for SAM file:

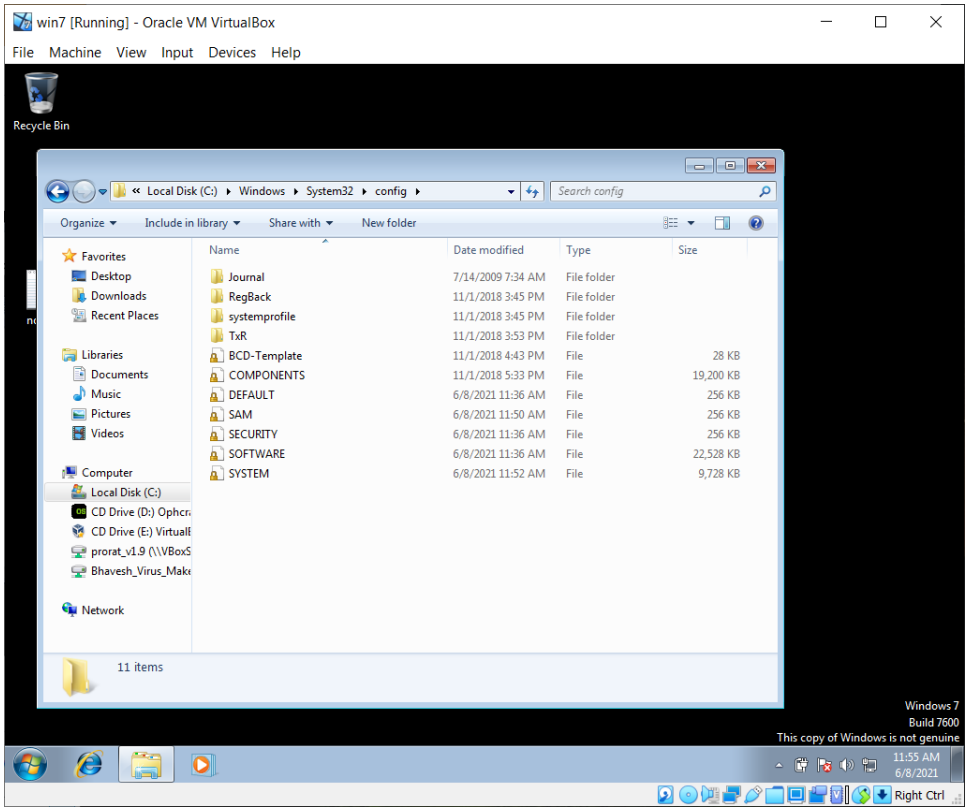
C: drive -> windows -> system32 -> config -> SAM


win7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Recycle Bin
Computer
Search Computer
Organize System properties Uninstall or change a program Map network drive
Favorites
Desktop
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Videos
Computer
Local Disk (C:)
CD Drive (D:) Ophcr
CD Drive (E:) Virtualb
prorat_v1.9 (\\VBoxS
Bhavesh_Virus_Mak
Network
Hard Disk Drives (1)
Local Disk (C:)
25.4 GB free of 31.8 GB
Devices with Removable Storage (2)
CD Drive (D:) Ophcrack LiveCD
0 bytes free of 648 MB
CDFS
CD Drive (E:) VirtualBox Guest Additions
0 bytes free of 58.3 MB
Network Location (2)
prorat_v1.9 (\\VBoxSvr) (Y:)
Bhavesh_Virus_Maker_v1.0.0.1 (\\VBoxSvr) (Z:)
VIRTUAL7-PC Workgroup: WORKGROUP Memory: 1.00 GB
Processor: Intel(R) Core(TM) i7-85...
Windows 7
Build 7600
This copy of Windows is not genuine
11:52 AM
6/8/2021
Right Ctrl


win7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Recycle Bin
Computer Local Disk (C:)
Search Local Disk (C:)
Organize Share with New folder
Favorites
Desktop
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Videos
Computer
Local Disk (C:)
CD Drive (D:) Ophcr
CD Drive (E:) Virtualb
prorat_v1.9 (\\VBoxS
Bhavesh_Virus_Mak
Network
Name Date modified Type Size
PerfLogs 7/14/2009 8:07 AM File folder
Program Files 5/28/2021 8:36 PM File folder
Users 11/10/2018 4:07 AM File folder
Windows 11/1/2018 3:52 PM File folder
4 items
Windows 7
Build 7600
This copy of Windows is not genuine
11:52 AM
6/8/2021
Right Ctrl


win7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Recycle Bin
Computer ▸ Local Disk (C:) ▸ Windows ▸
Search Windows
Organize Include in library Share with New folder
Favorites
Desktop
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Videos
Computer
Local Disk (C:)
CD Drive (D:) Ophcr
CD Drive (E:) Virtualt
prorat_v1.9 (\\VBoxS
Bhavesh_Virus_Mak
Network
Name Date modified Type Size
RemotePackages 7/14/2009 1:19 PM File folder
rescache 11/10/2018 4:02 AM File folder
Resources 7/14/2009 10:22 AM File folder
SchCache 7/14/2009 7:35 AM File folder
schemas 7/14/2009 10:22 AM File folder
security 7/14/2009 1:19 PM File folder
ServiceProfiles 7/14/2009 10:04 AM File folder
servicing 7/14/2009 10:26 AM File folder
Setup 11/1/2018 4:42 PM File folder
ShellNew 7/14/2009 1:19 PM File folder
SoftwareDistribution 5/28/2021 9:12 PM File folder
Speech 7/14/2009 10:26 AM File folder
system 7/14/2009 10:22 AM File folder
System32 6/7/2021 8:59 PM File folder
TAPI 7/14/2009 10:16 AM File folder
Tasks 7/14/2009 10:23 AM File folder
Temp 5/28/2021 9:18 PM File folder
tracing 7/14/2009 7:34 AM File folder
twain_32 7/14/2009 10:22 AM File folder
Vss 7/14/2009 8:07 AM File folder
82 items
Windows 7
Build 7600
This copy of Windows is not genuine
11:54 AM
6/8/2021
Right Ctrl

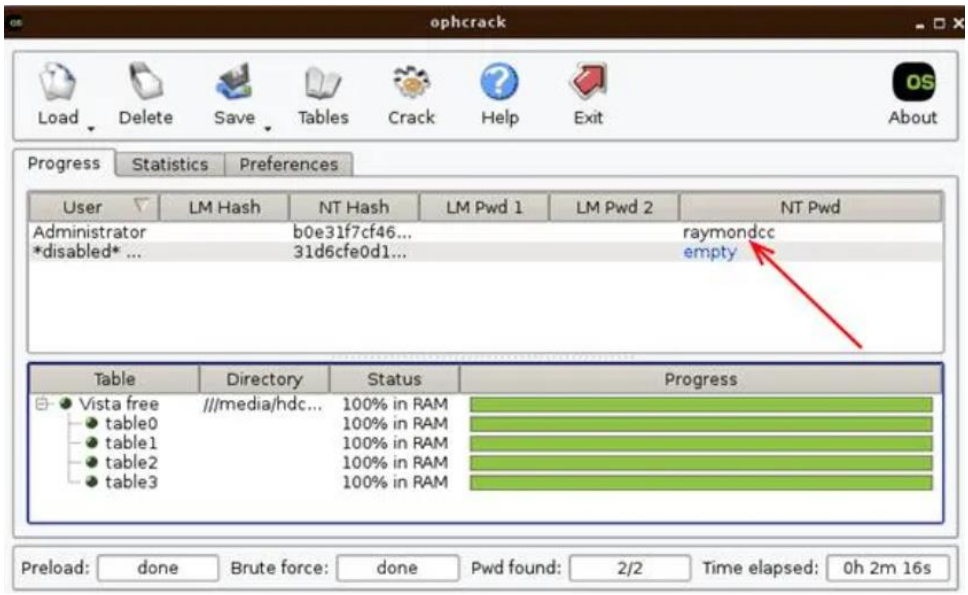

win7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Recycle Bin
Computer ▸ Local Disk (C:) ▸ Windows ▸ System32 ▸
Search System32
Organize Include in library Share with New folder
Favorites
Desktop
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Videos
Computer
Local Disk (C:)
CD Drive (D:) Ophcr
CD Drive (E:) Virtualt
prorat_v1.9 (\\VBoxS
Bhavesh_Virus_Mak
Network
Name Date modified Type Size
0409 7/14/2009 10:26 AM File folder
AdvancedInstallers 7/14/2009 8:07 AM File folder
ar-SA 7/14/2009 8:07 AM File folder
bg-BG 7/14/2009 8:07 AM File folder
Boot 7/14/2009 10:26 AM File folder
catroot 5/28/2021 8:38 PM File folder
catroot2 11/1/2018 3:49 PM File folder
CERTIFICATES 11/1/2018 4:42 PM File folder
CodeIntegrity 11/1/2018 3:54 PM File folder
com 7/14/2009 10:26 AM File folder
config 11/1/2018 5:32 PM File folder
cs-CZ 7/14/2009 8:07 AM File folder
da-DK 7/14/2009 8:07 AM File folder
de-DE 7/14/2009 8:07 AM File folder
Dism 7/14/2009 10:26 AM File folder
drivers 5/28/2021 8:38 PM File folder
DriverStore 5/28/2021 8:37 PM File folder
DRVSTORE 5/28/2021 8:38 PM File folder
el-GR 7/14/2009 8:07 AM File folder
2,832 items
Windows 7
Build 7600
This copy of Windows is not genuine
11:54 AM
6/8/2021
Right Ctrl



SAM file usage:

SAM file cannot be deleted, copied and you cannot even open the file even if you have admin permission

To crack Sam file just click on load on the ophcrack tool and then the follow the path to Sam file

C: drive -> windows -> system32 -> config -> SAM

And then load the Sam file you will see the password