Exp No: 2 Date:

## <u>VIRTUALIZATION</u> <u>VIRTUAL BLOCK, VM CLONE & VM SNAPSHOT</u>

#### AIM:

To configure a Virtual Block for a VM and then create a copy of VM through Cloning and perform a snapshot of VM.

## PROCEDURE FOR VIRTUAL DISK:

- 1. Open the virtual machine settings editor (VM > Settings) and click Add
- 2. Click Hard Disk, then click Next.
- 3. Select Create a new virtual disk, then click Next.
- 4. Choose whether you want the virtual disk to be an IDE disk or a SCSI disk.
- 5. Set the capacity for the new virtual disk.
- 6. Accept the default filename and location for the virtual disk file
- 7. The wizard creates the new virtual disk. It appears to your guest operating system as a new, blank hard disk. Use the guest operating system's tools to partition and format the new drive for use.

#### PROCEDURE FOR VM CLONE:

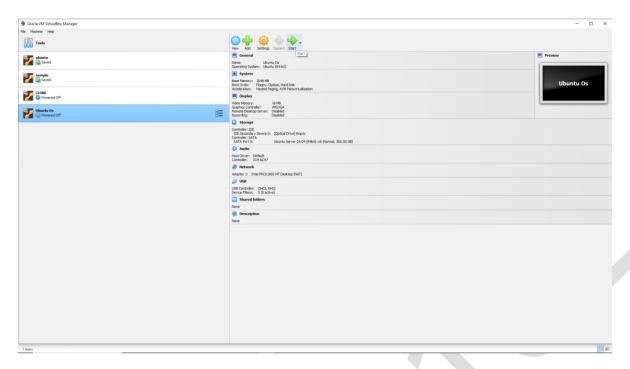
- 1. Select the virtual machine you want to clone.
- 2. Open the Clone Virtual Machine Wizard (VM > Manage > Clone) and click Next.
- 3. Select the state of the parent from which you want to create a clone, and click Next.
- 4. Select the type of clone you want to create and click Next.
- 5. Type a name and a path for the cloned virtual machine, and click Finish.

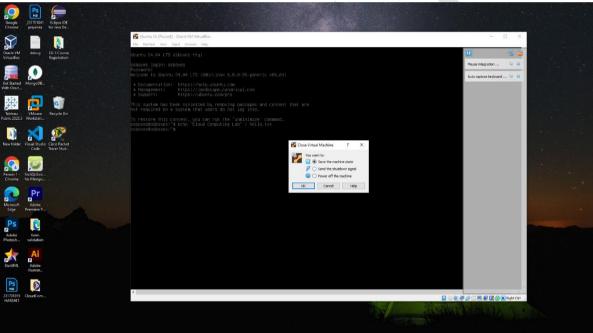
NOTE: You must power off a virtual machine before you can make a clone.

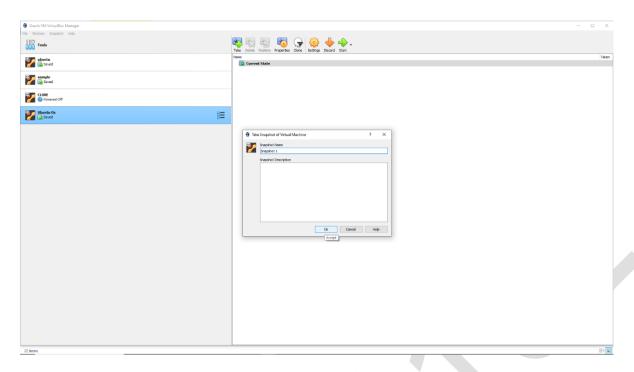
## PROCEDURE FOR VM SNAPSHOT:

1. Choose VM > Snapshot > Take Snapshot

## **OUTPUT:**



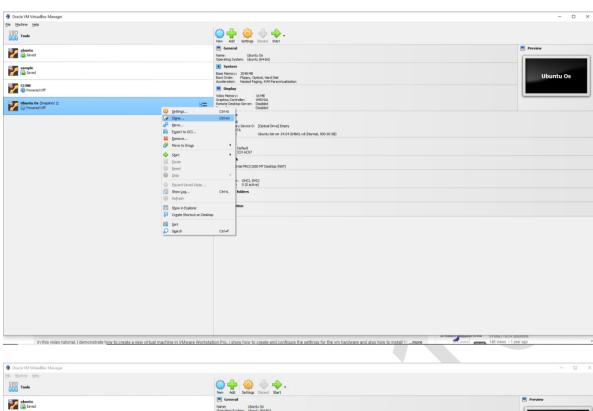


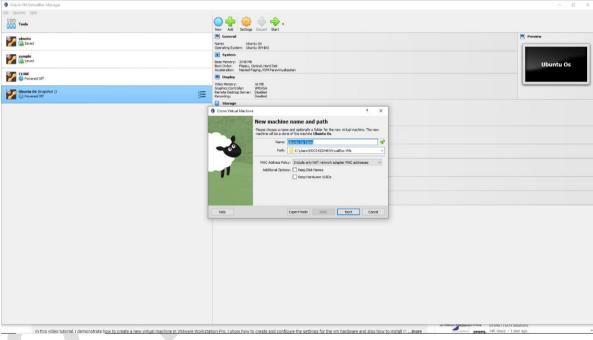


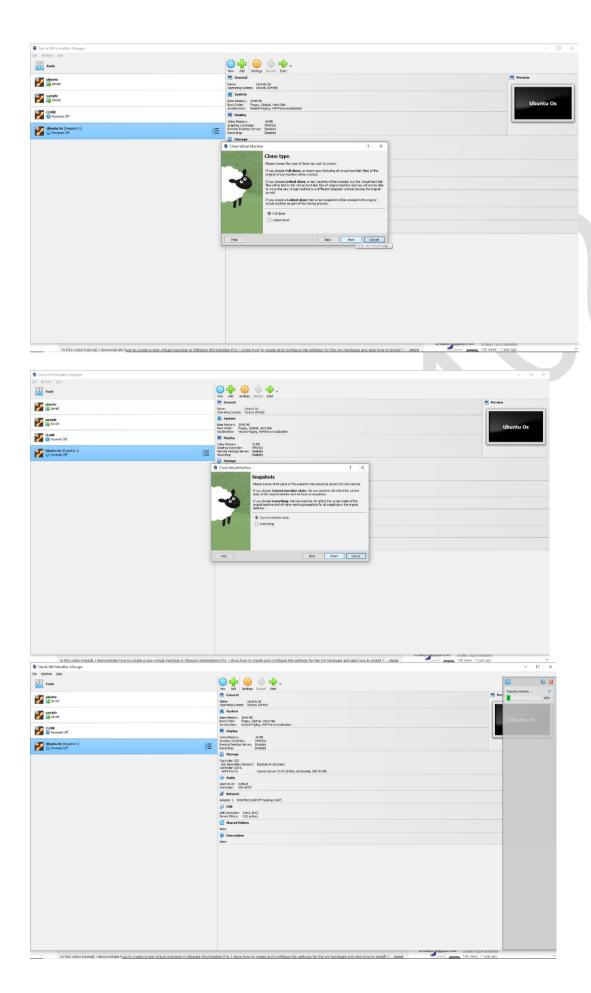


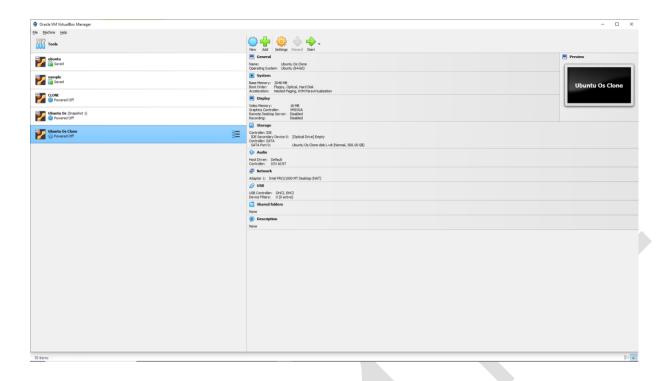
A Virtual block, Clone and Snapshot are created.

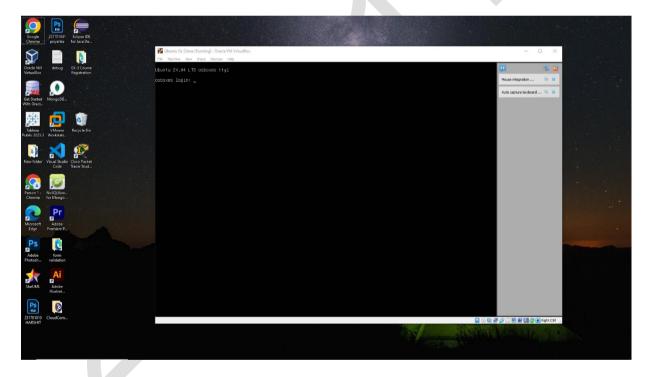
# **Cloning**:











## **RESULT:**

Thus a Virtual Block for a VM is configured, a copy of VM through Cloning is created and a snapshot of VM is performed.