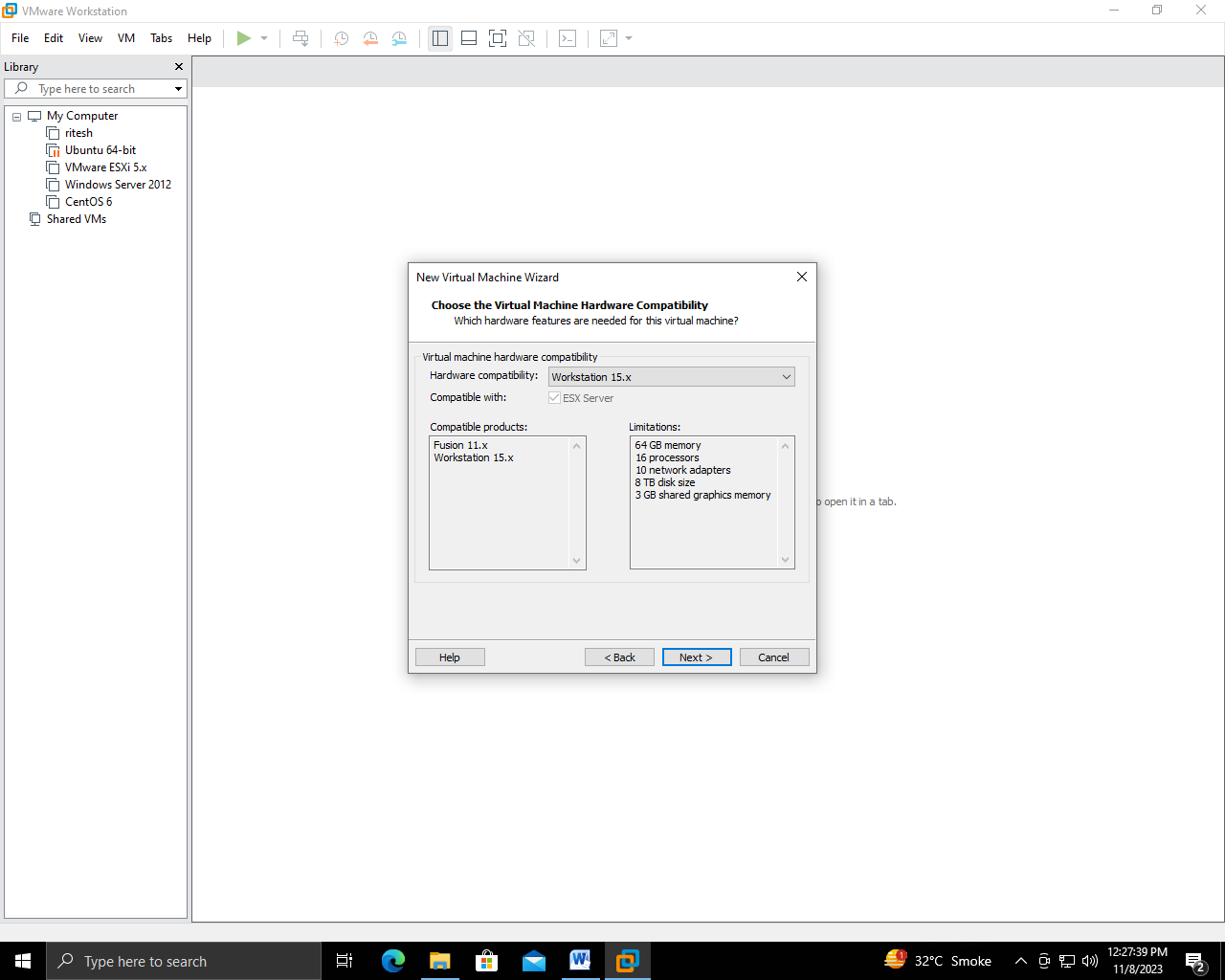
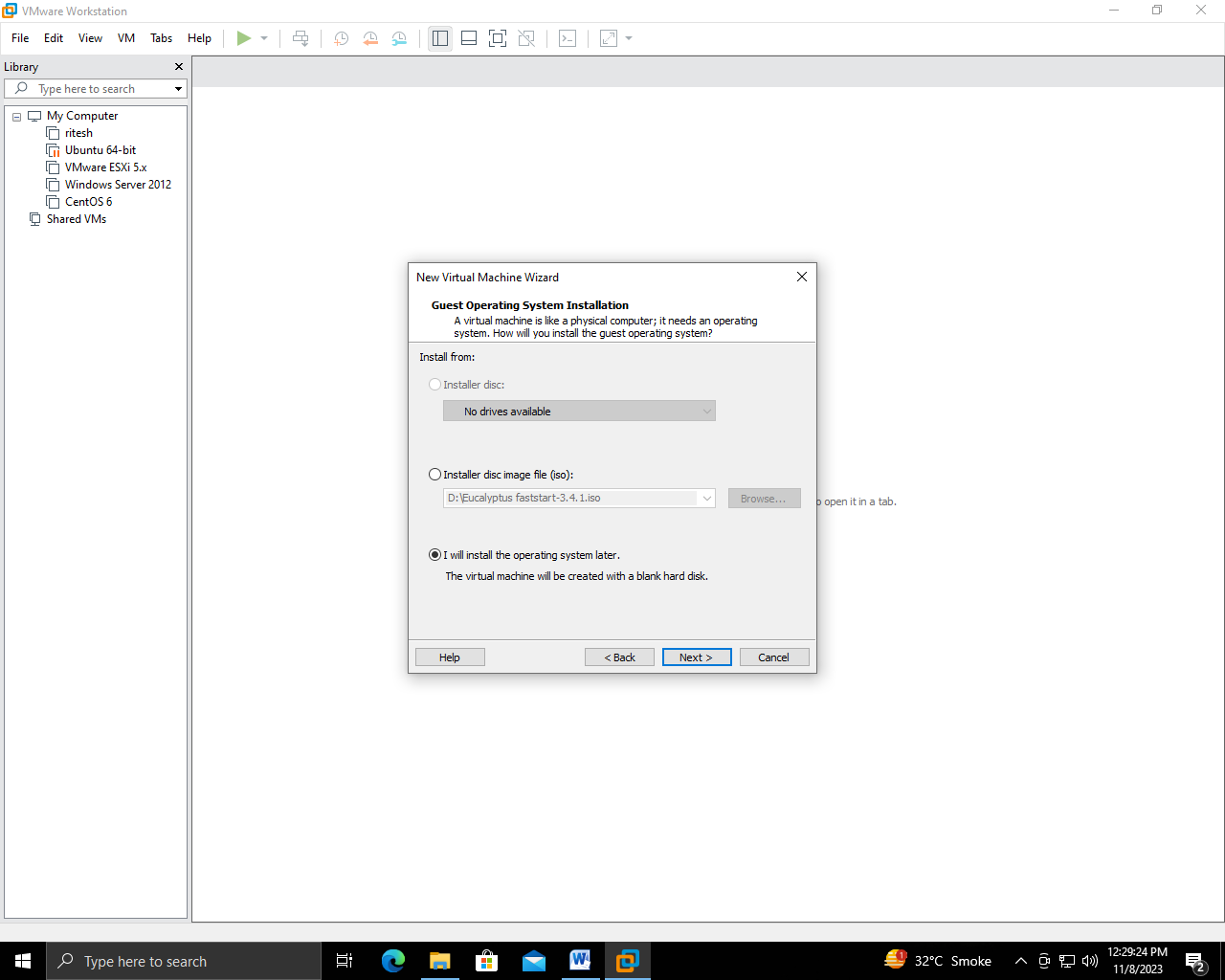
**Practical 7 – Implement server cluster with Windows Server 2012.**

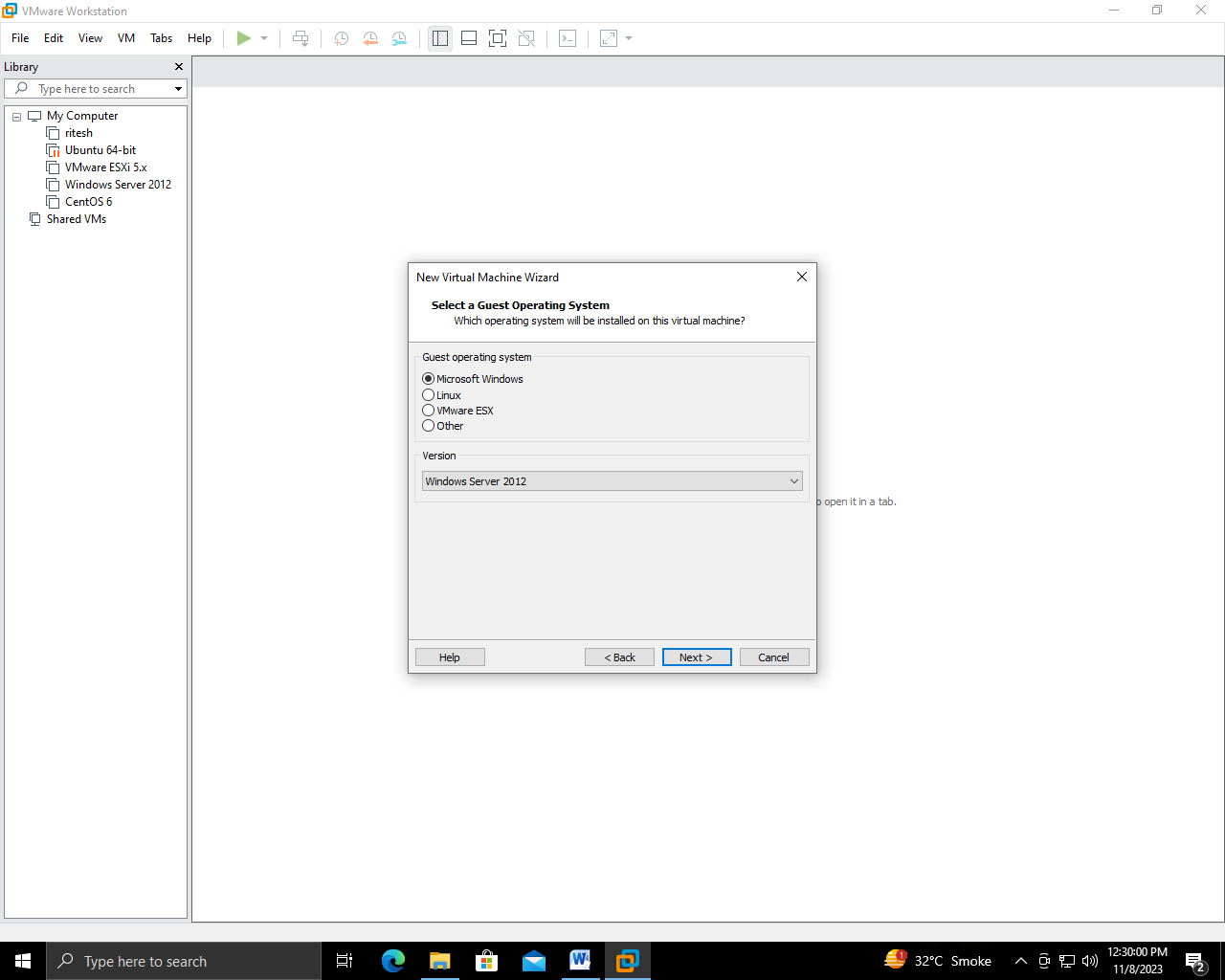
Step 1 – Create new virtual machine



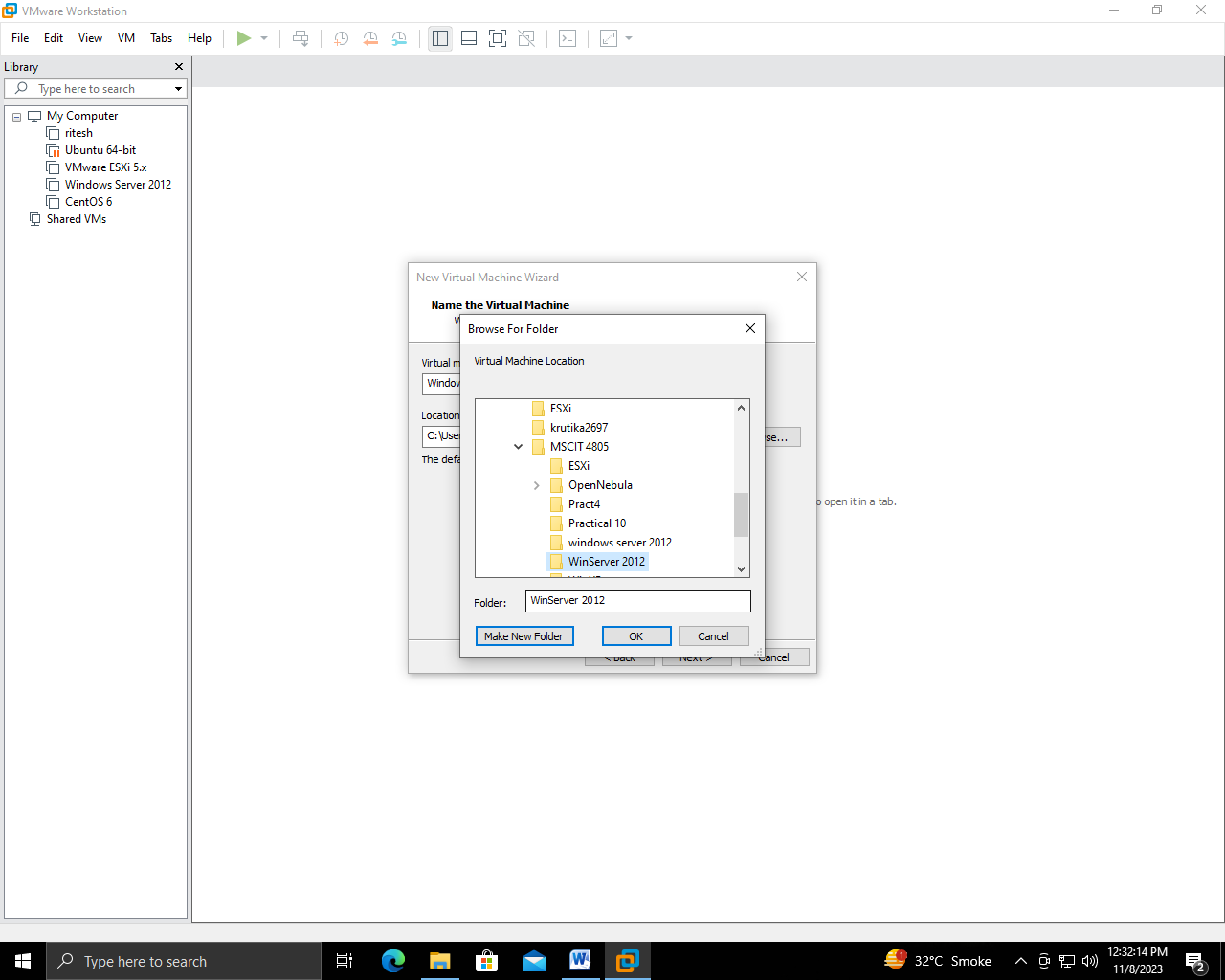
Step 2 – Select radio button I will install operating system later.

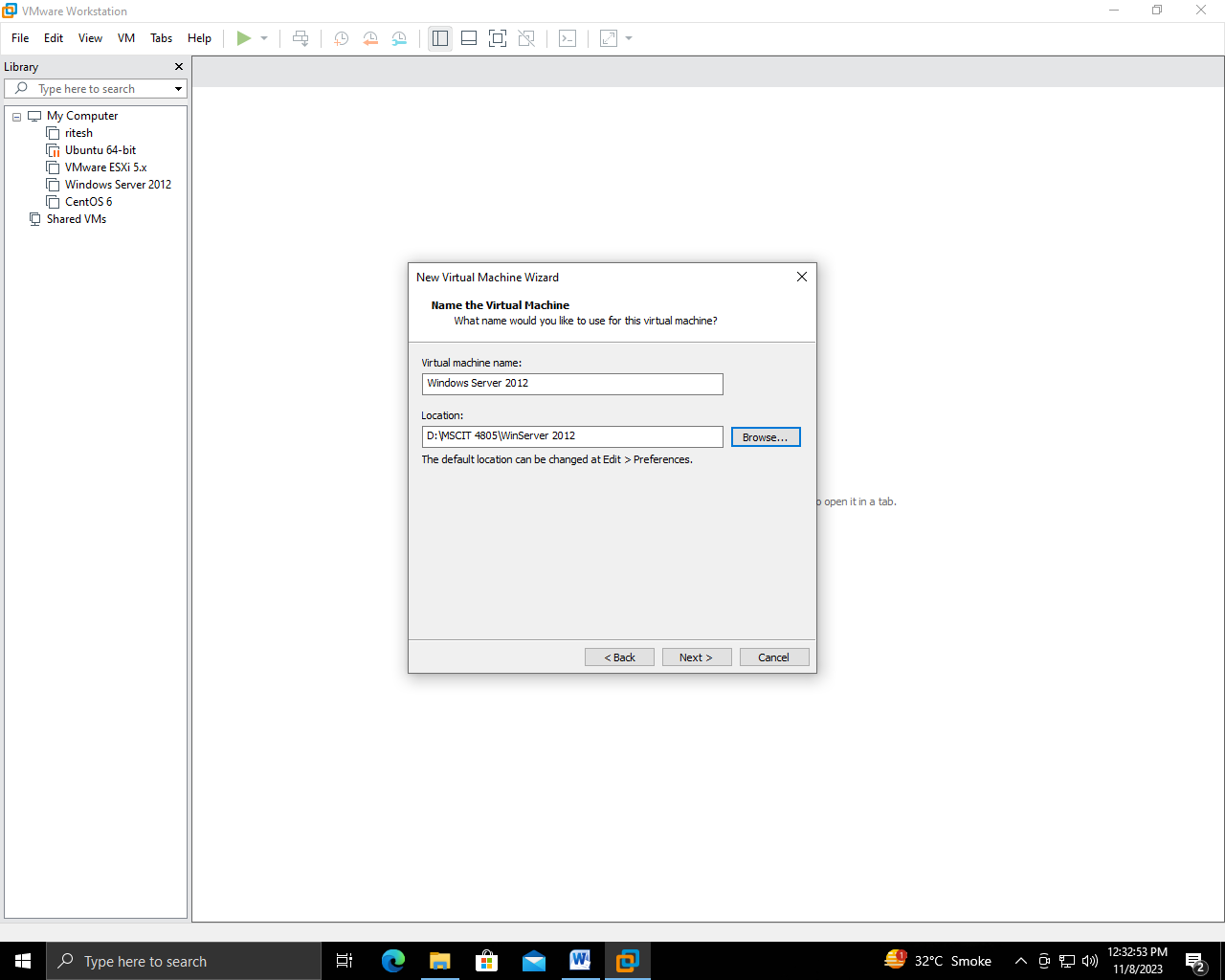


Step 3 – Select radio button Microsoft windows.

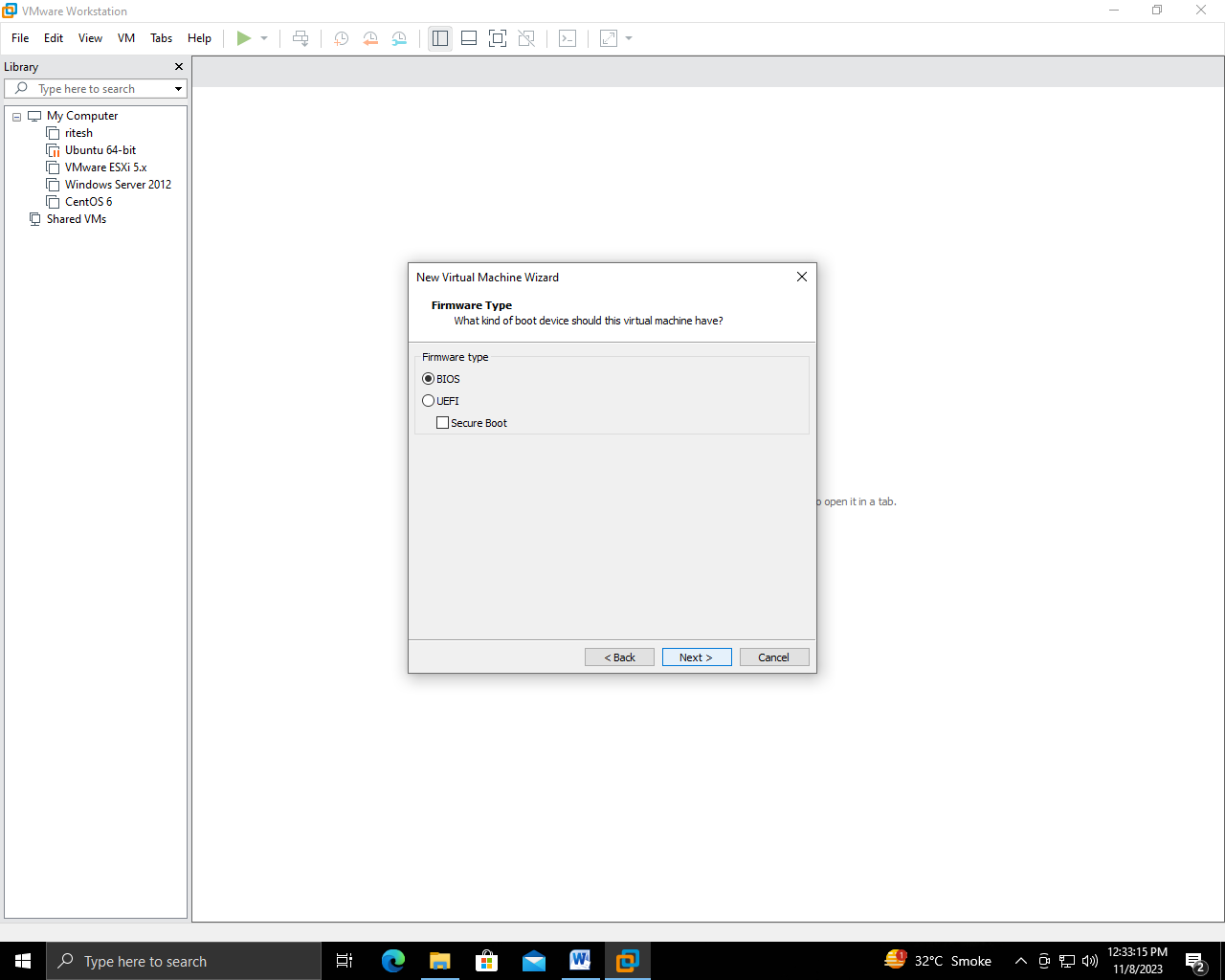


Step 4 - Create new folder

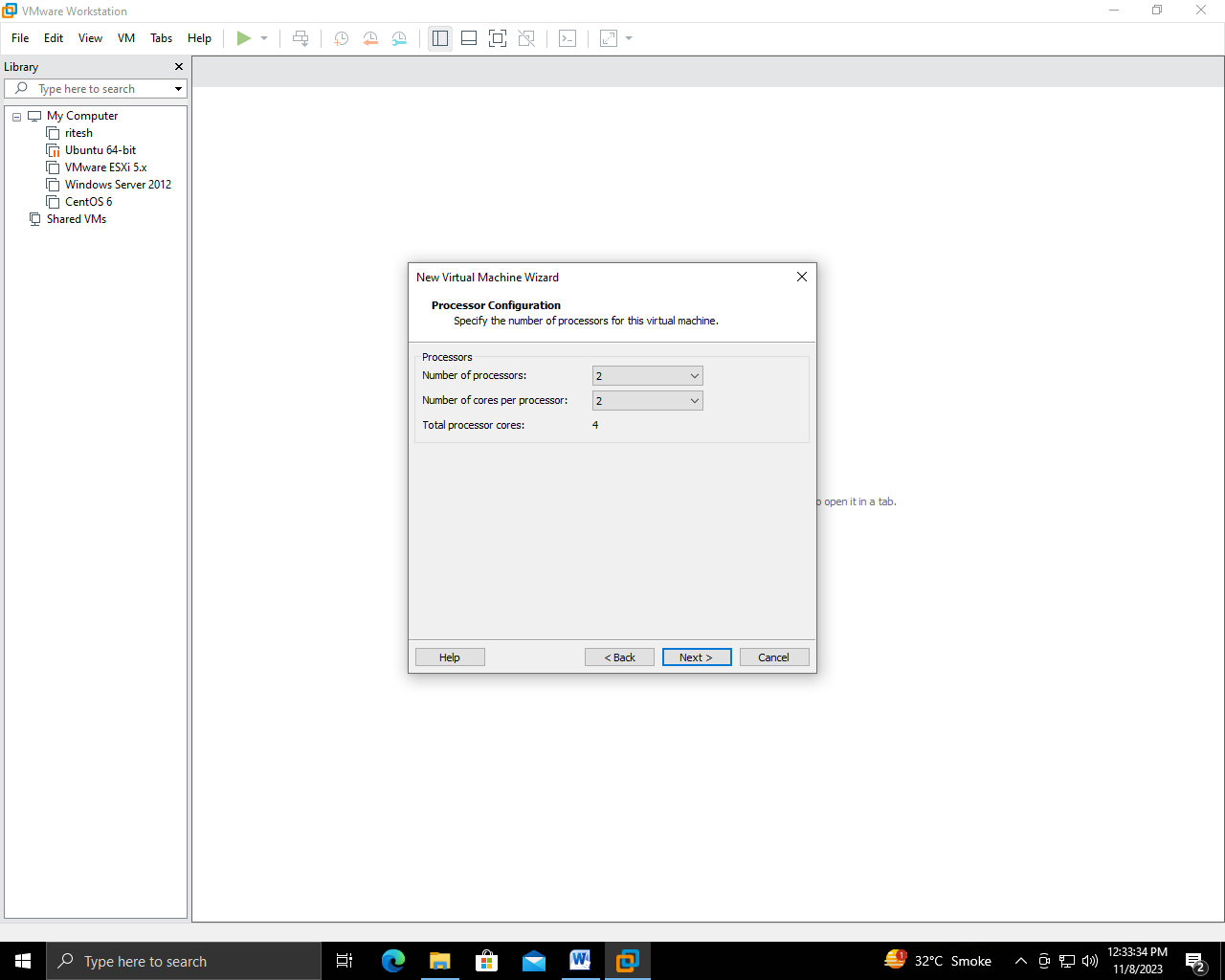




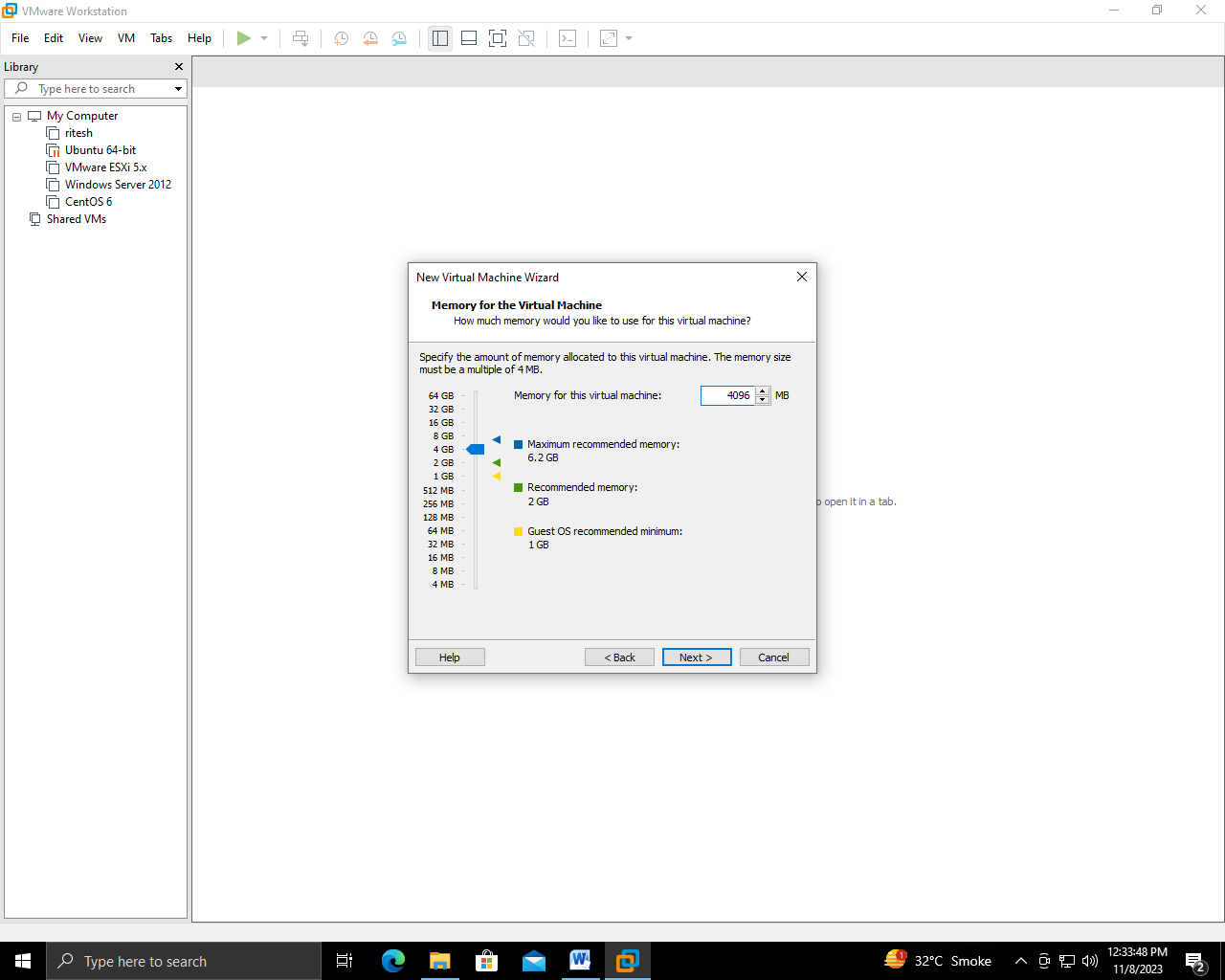
Step 5- select firmware type as BIOS



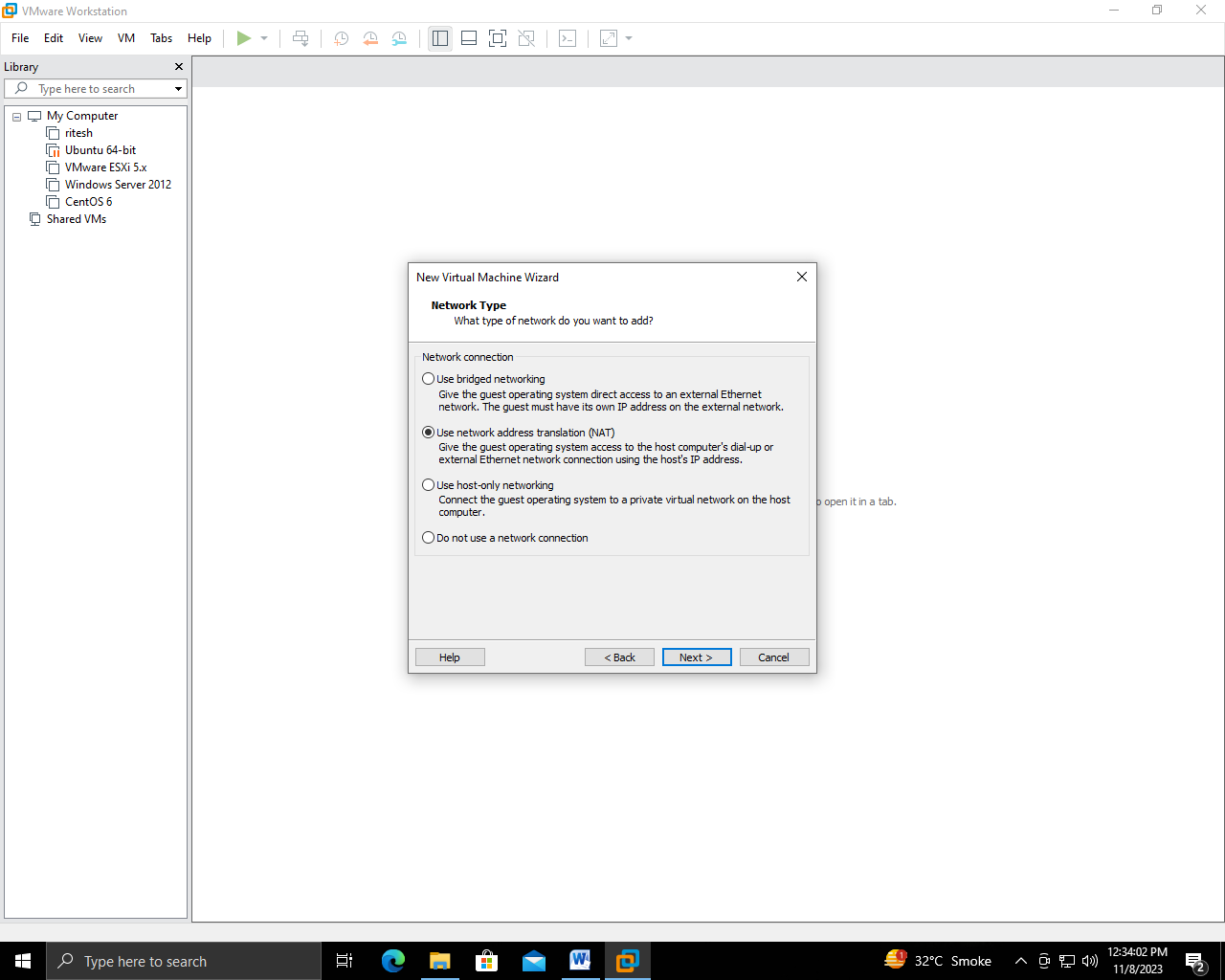
Step 6- select processor count as 2 and core count as 2.



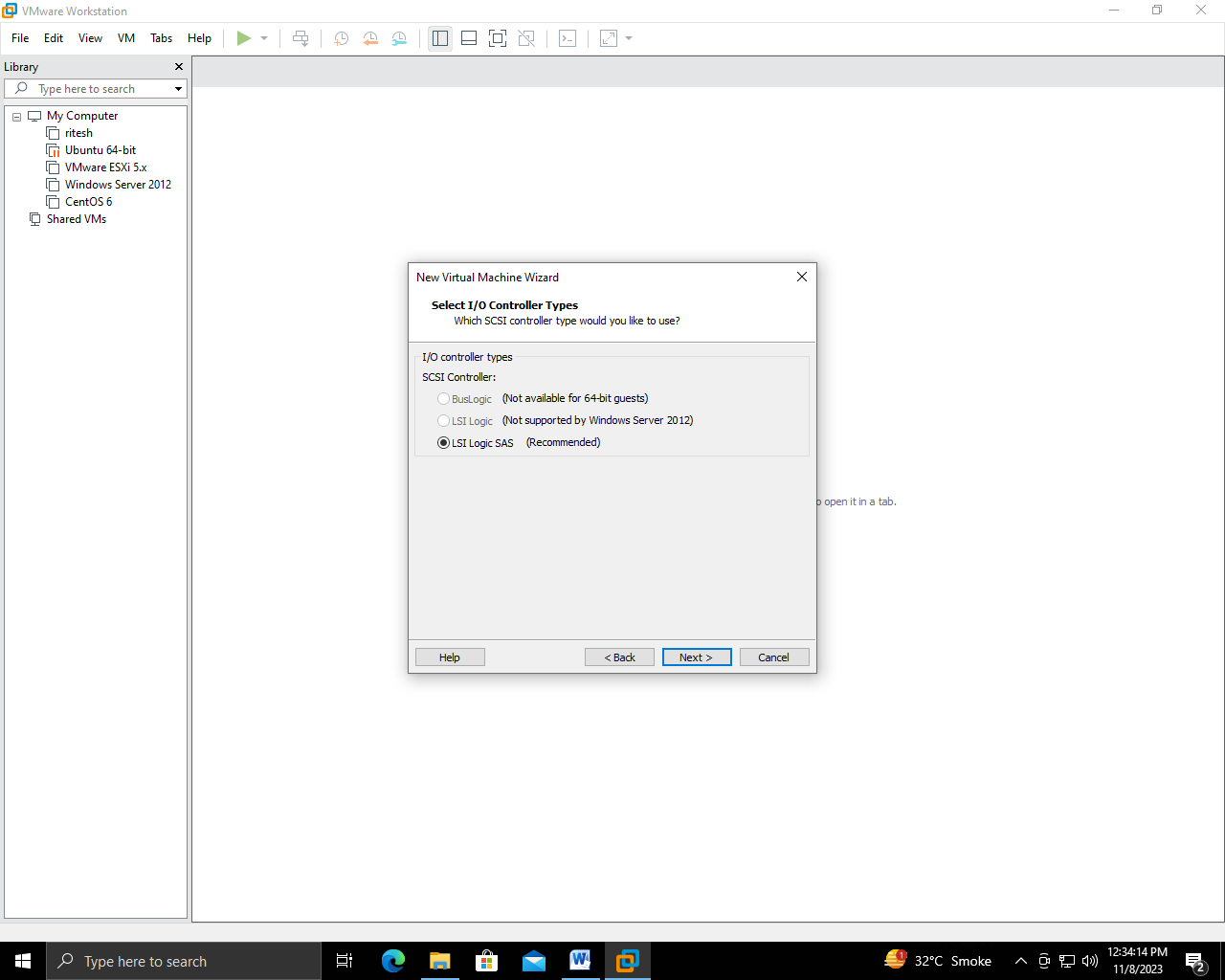
Step 7 – select RAM size as 4096MB.



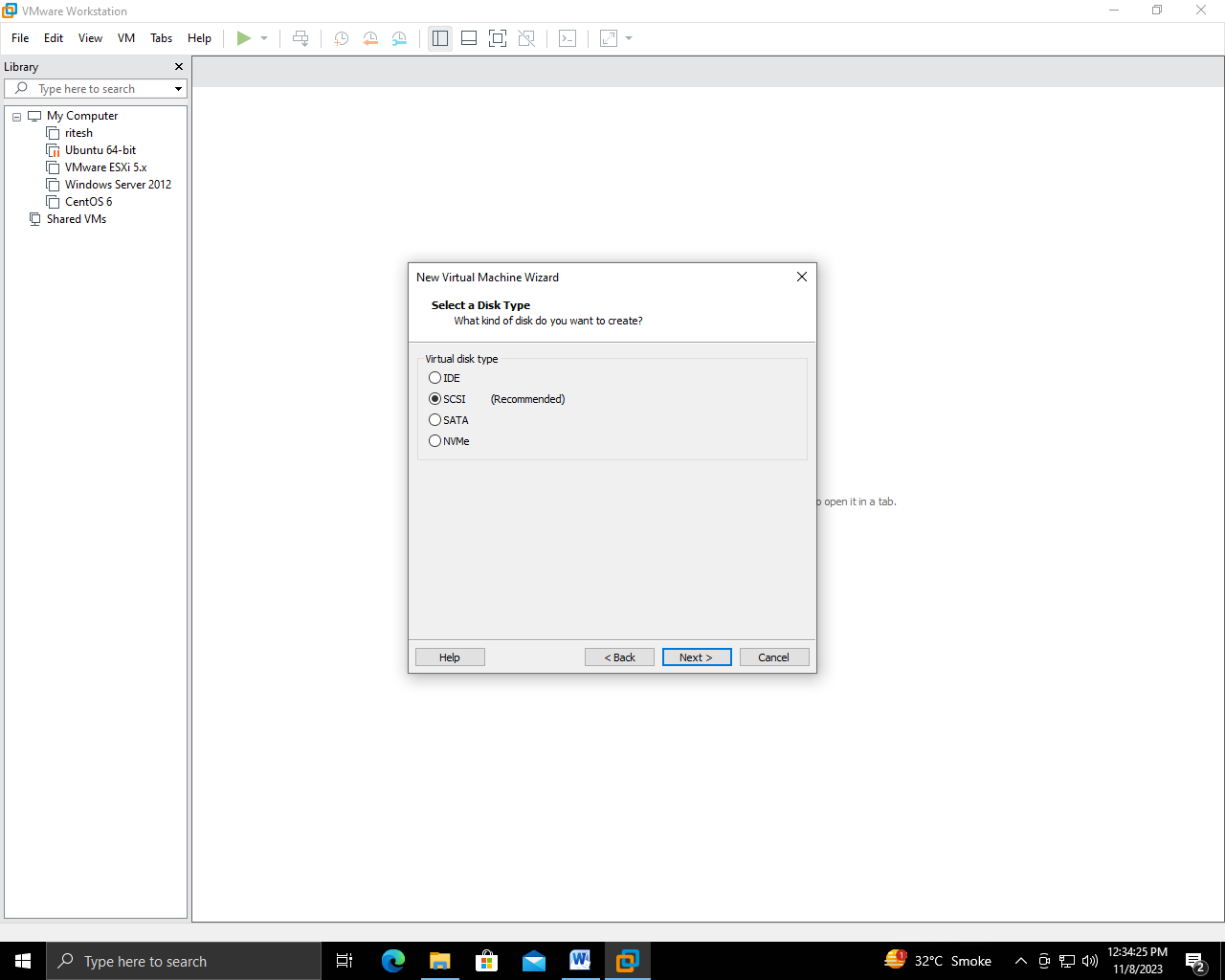
Step 8- select Network Adapter as NAT.



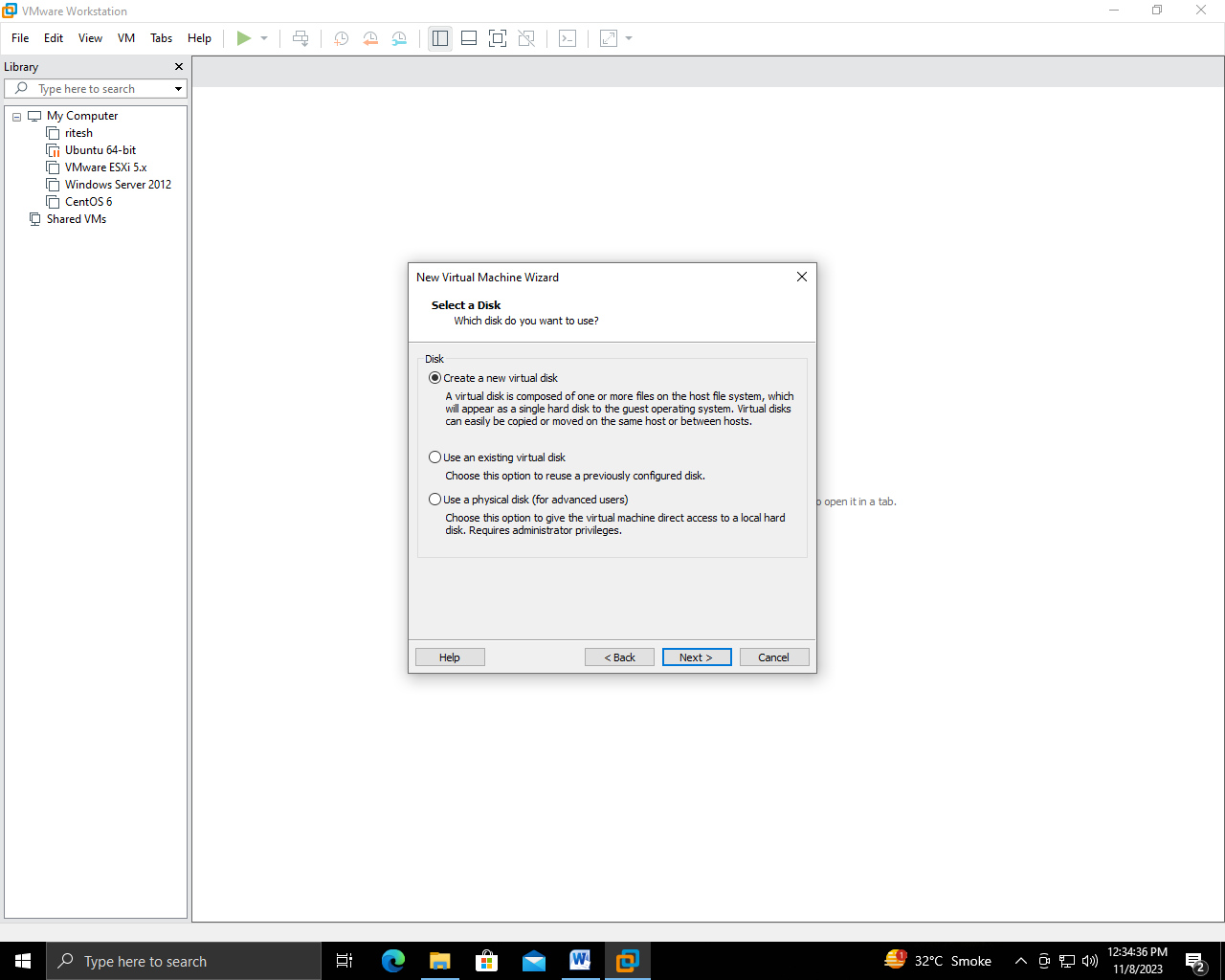
Step 9- select I/O controller type as LSI LOGIC SAS



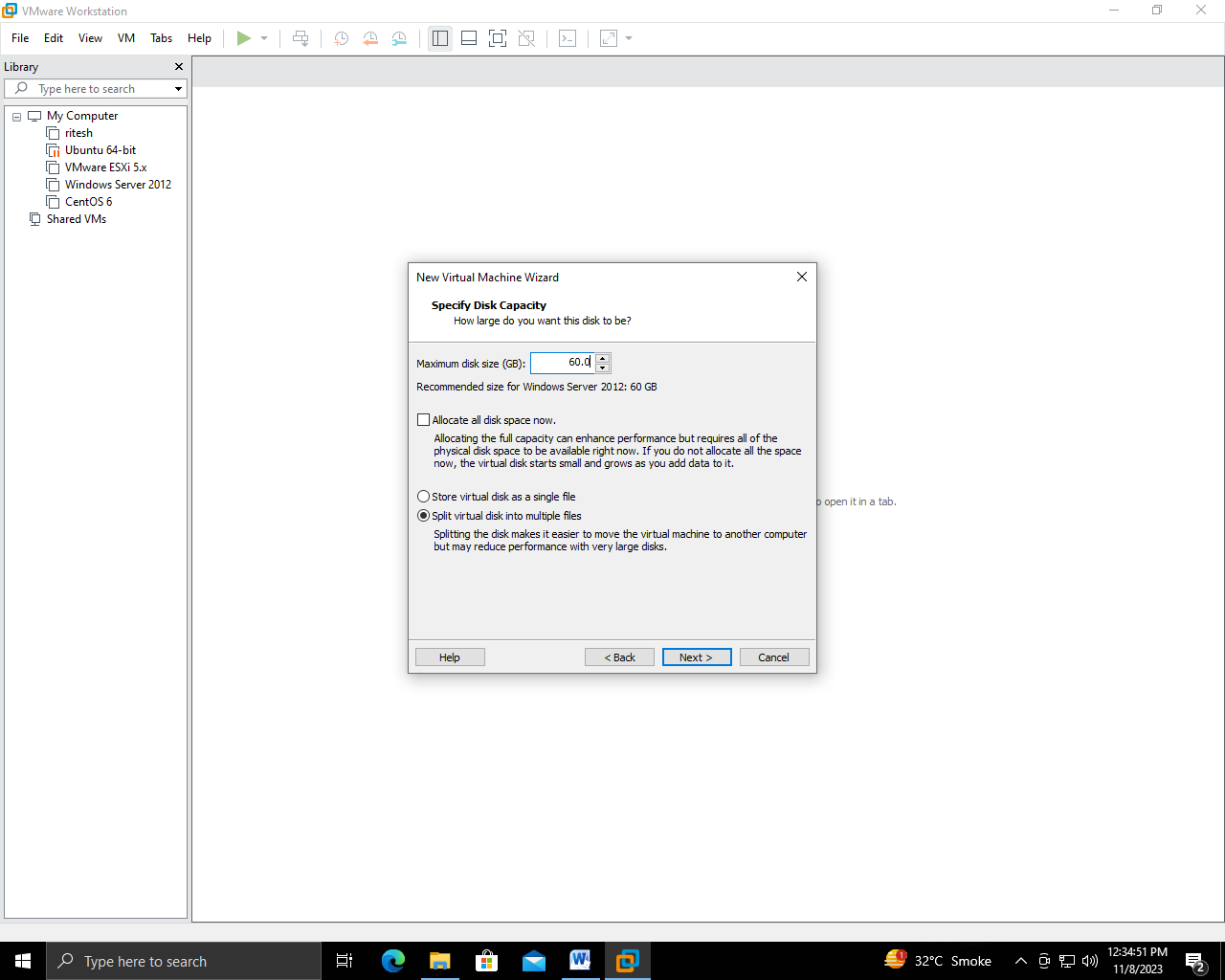
Step 10- Select disk type as SCSI.



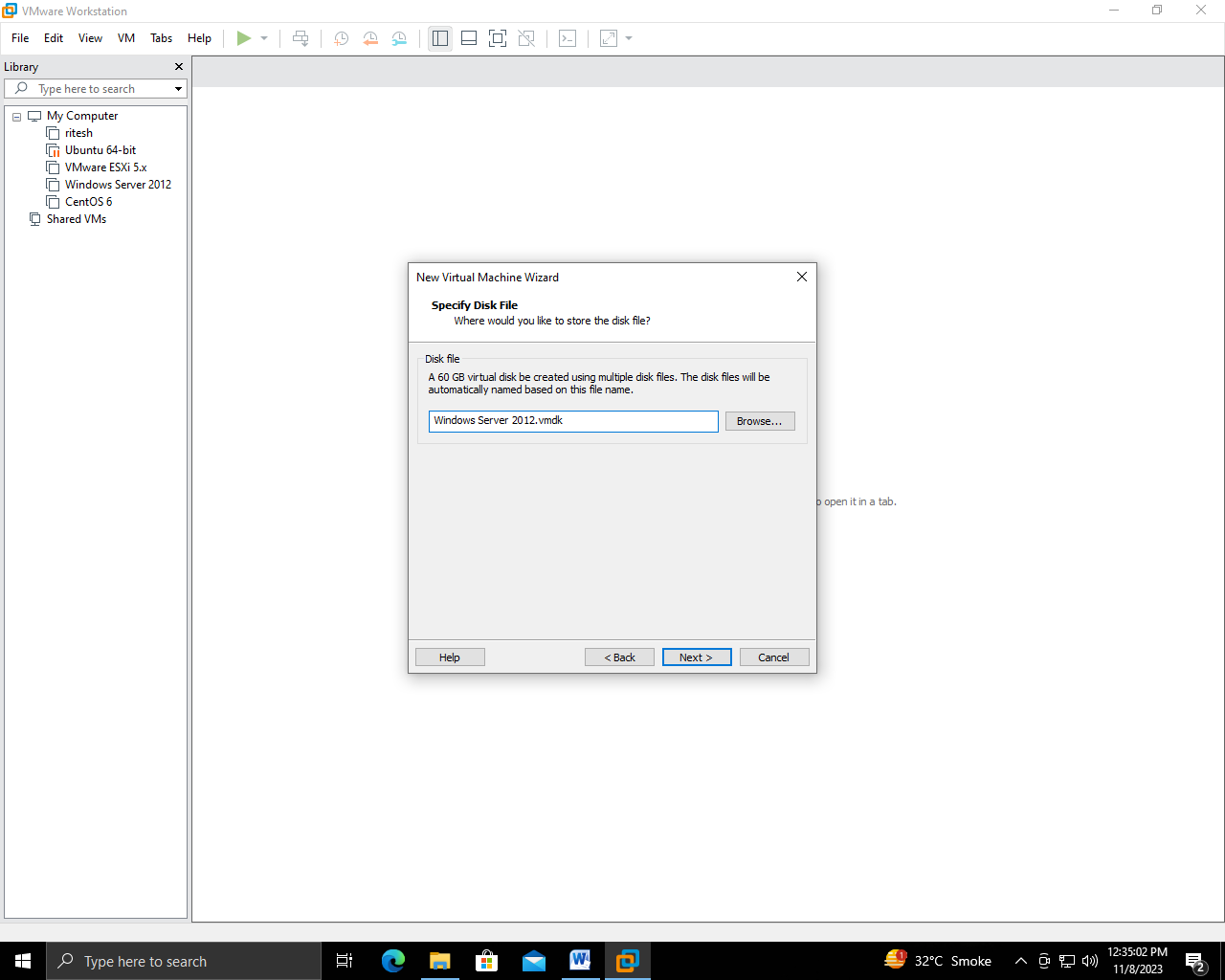
Step 11- Select Create a new virtual disk.



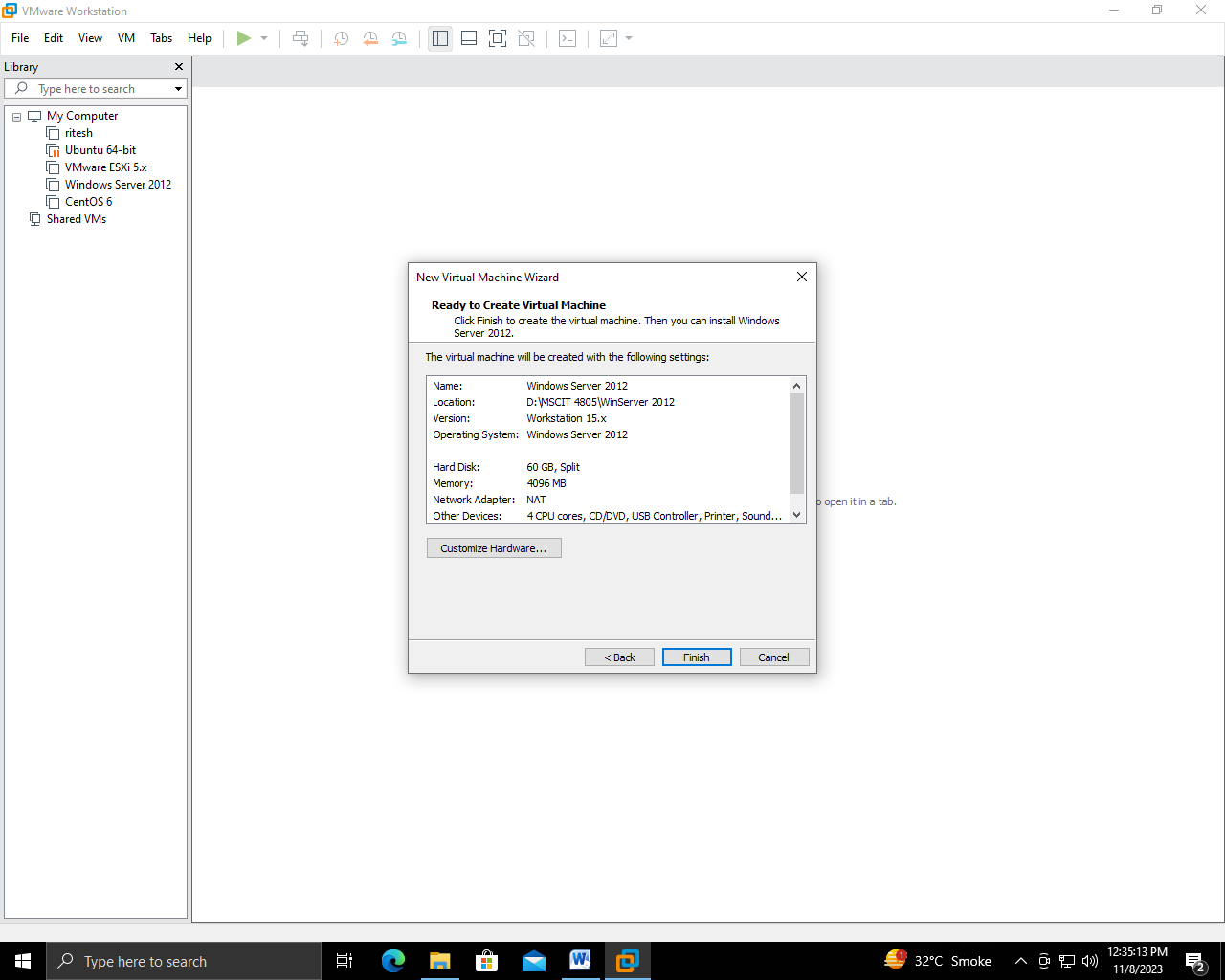
Step 12- Give virtual disk a disk size of 60GB.



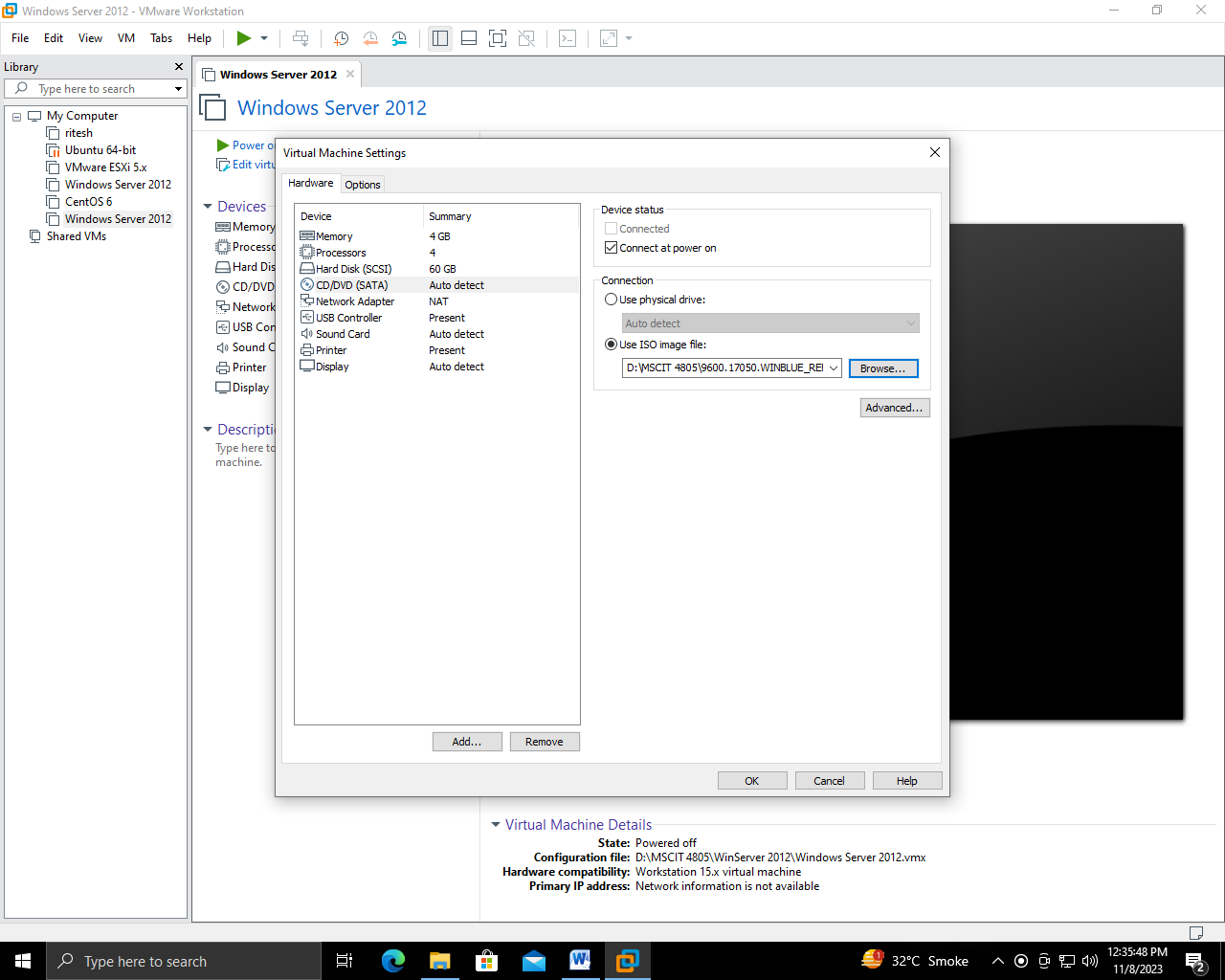
Step 13- select location for disk file.



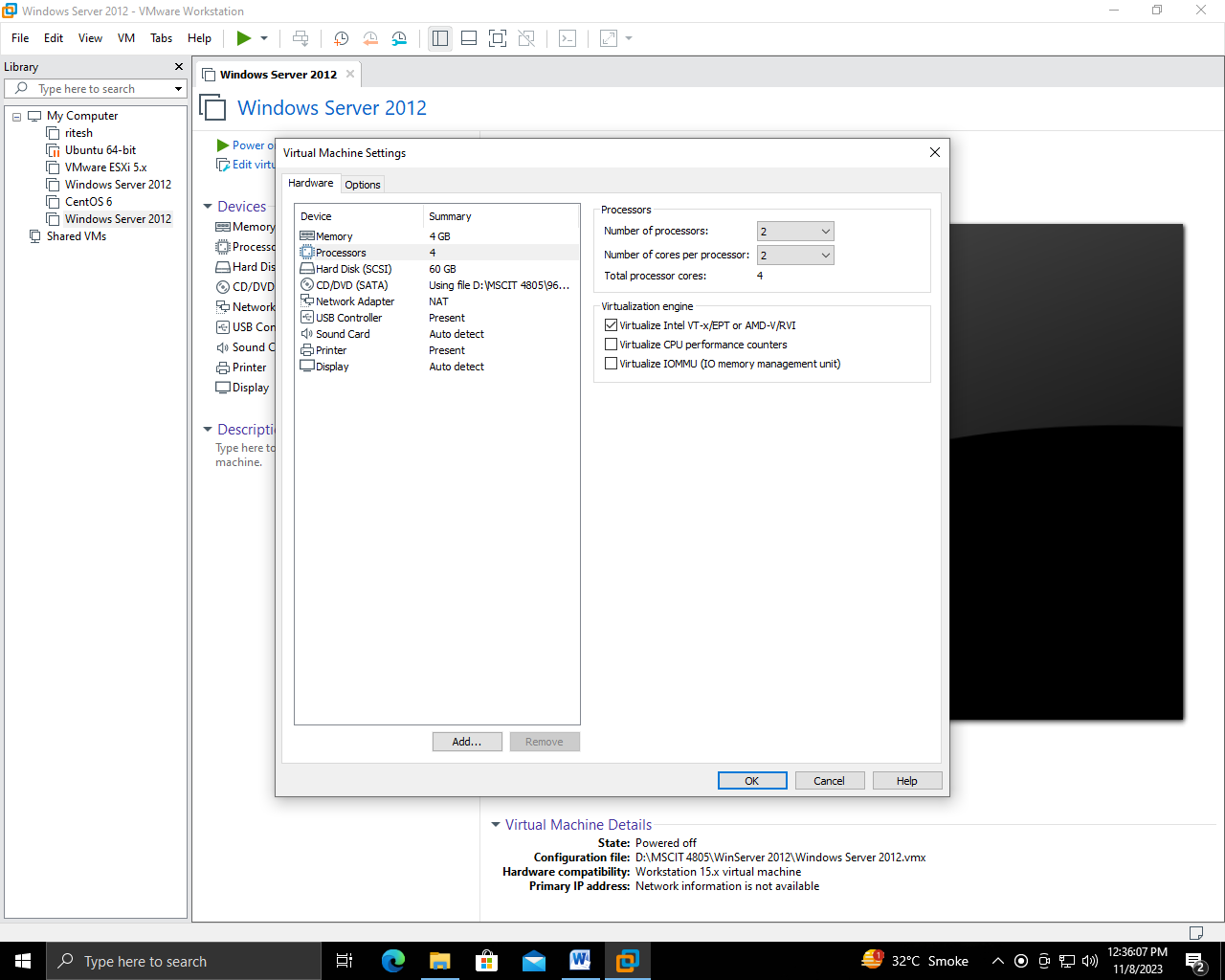
Step 14- A summary will be shown in a new dialog box > then click on finish.



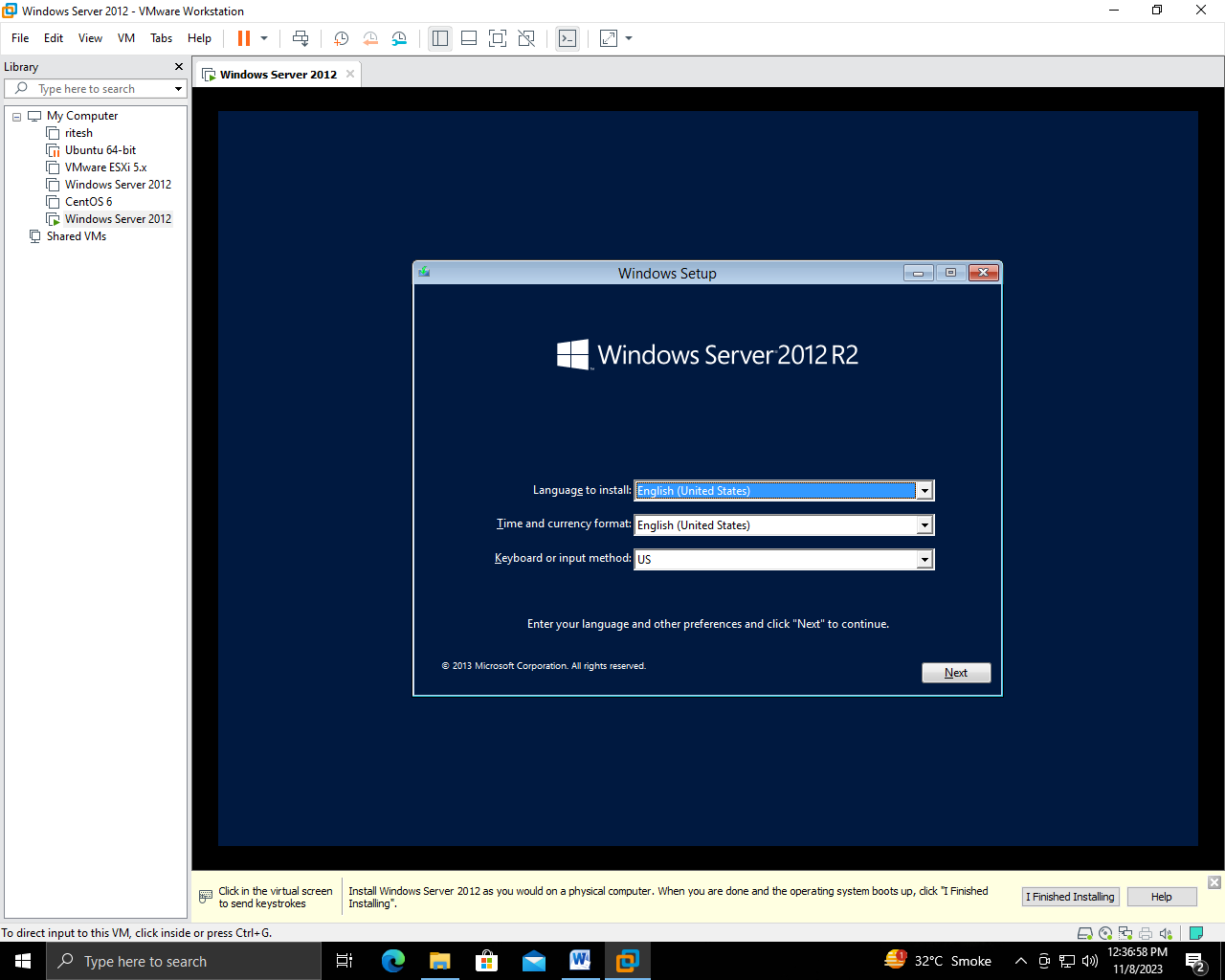
Step 15- click on CD/DVD > select ISO image file (Operating System).



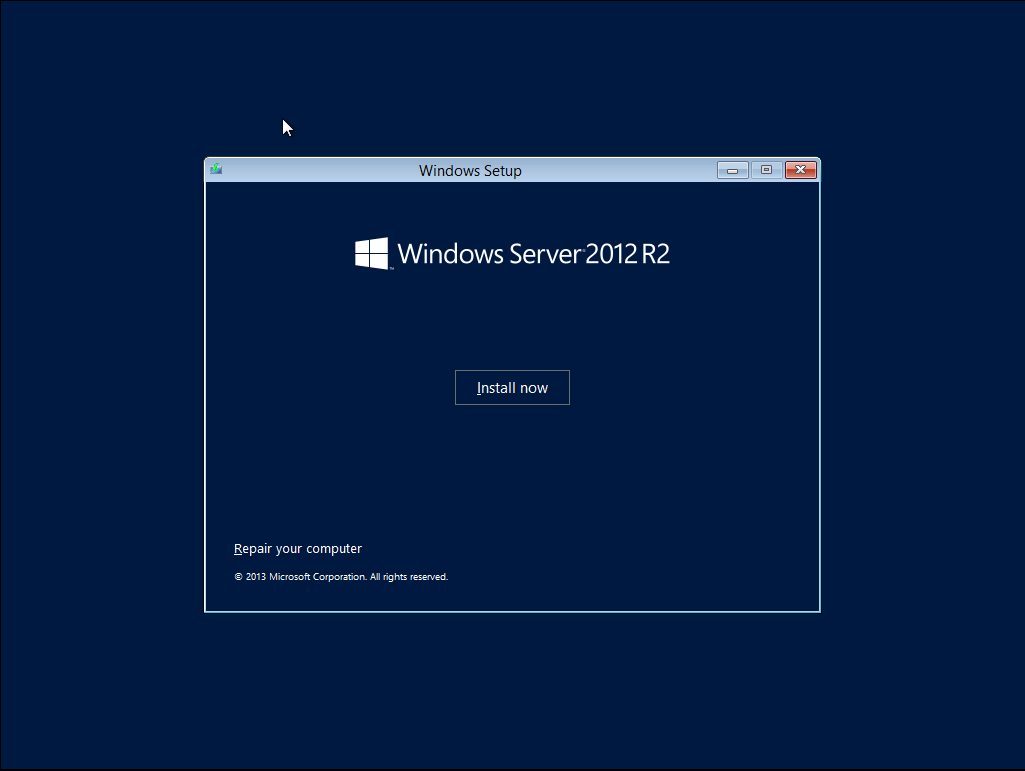
Step 16 – click on Processors >check checkbox with label as Virtualize Intel VT.



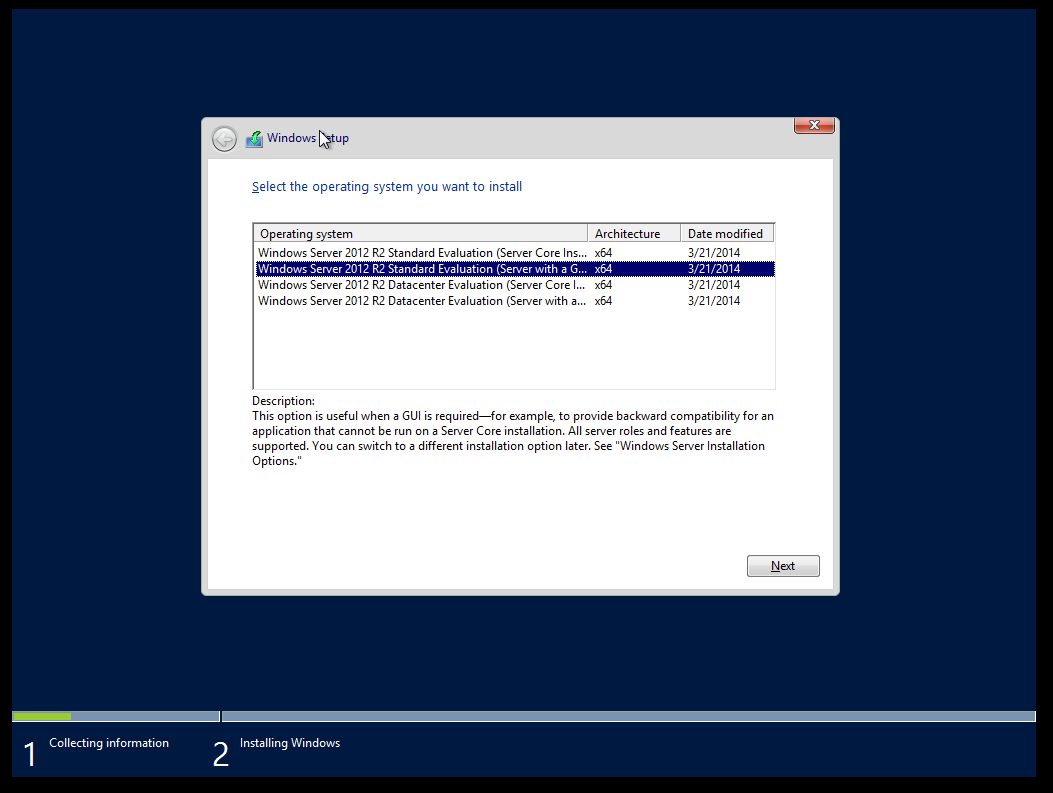
Step 17- start to bring the VM to life.



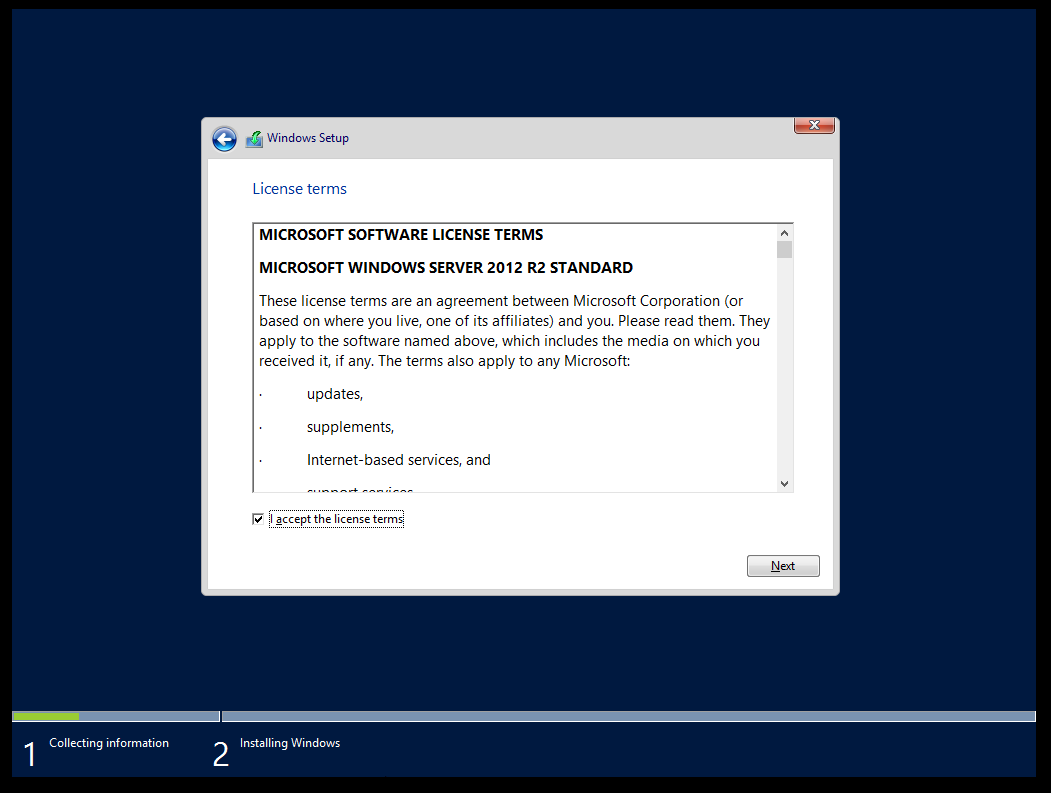
Step 18 - Windows server setup > install now.



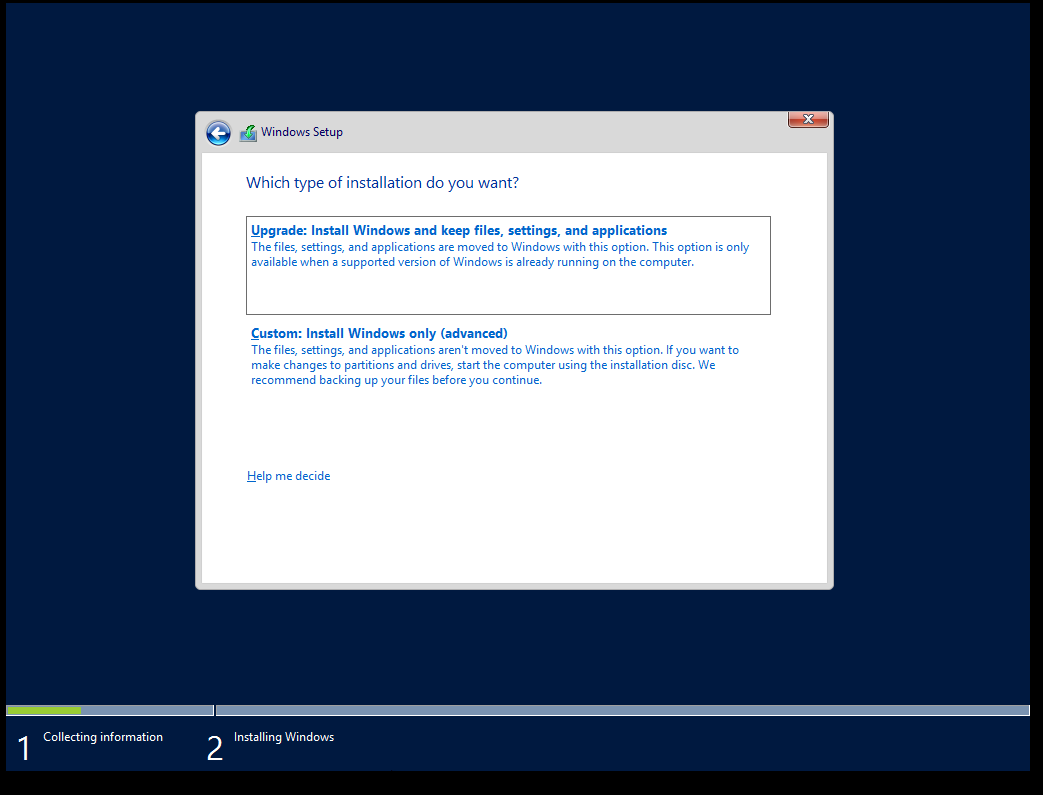
Step 19 – Windows Server 2012 R2 Standard Evaluation (Server with a GUI interface).



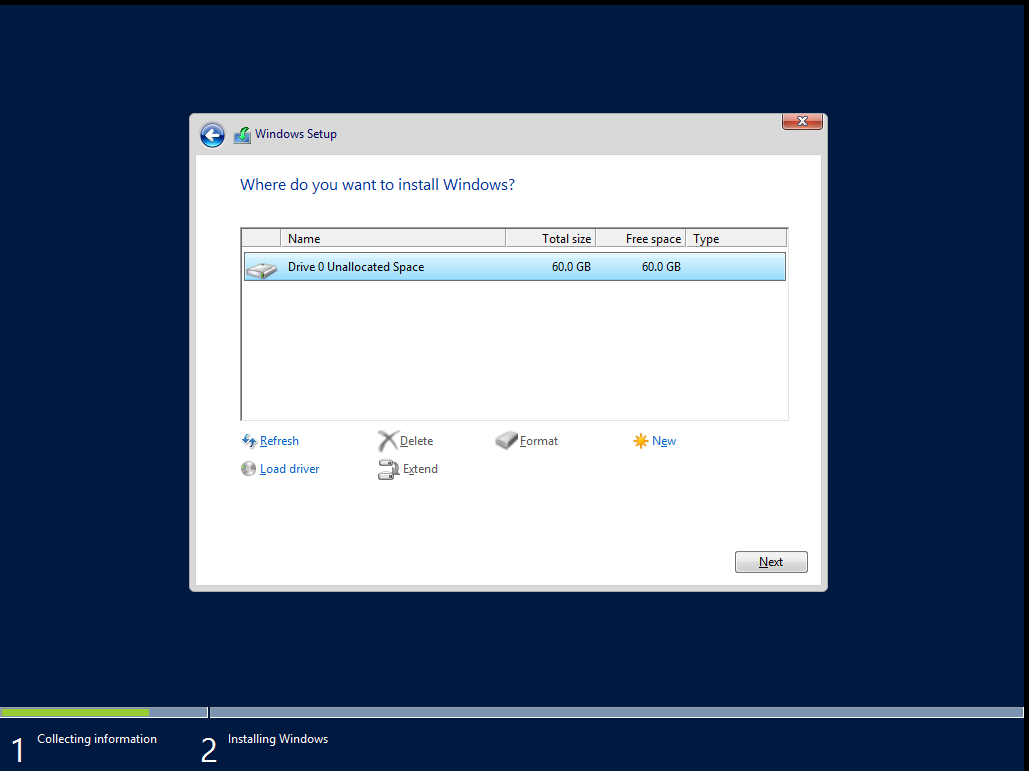
Step 20 – Accept the license > then click on next.



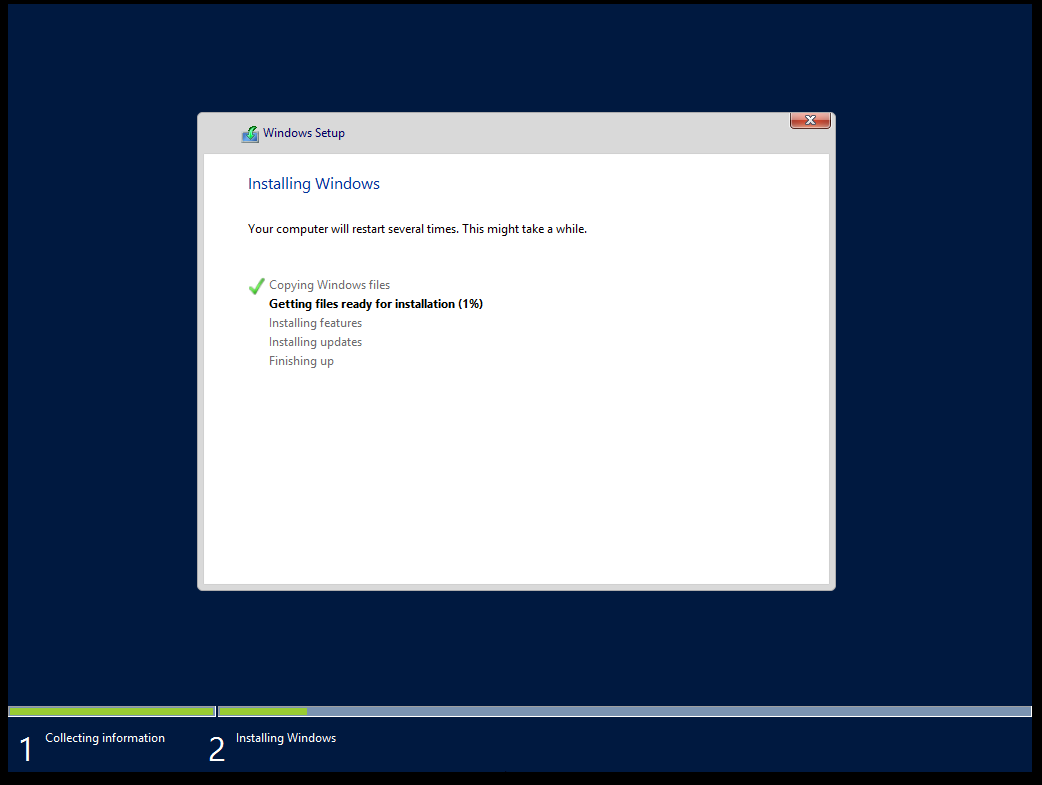
Step 21 – select custom installation.



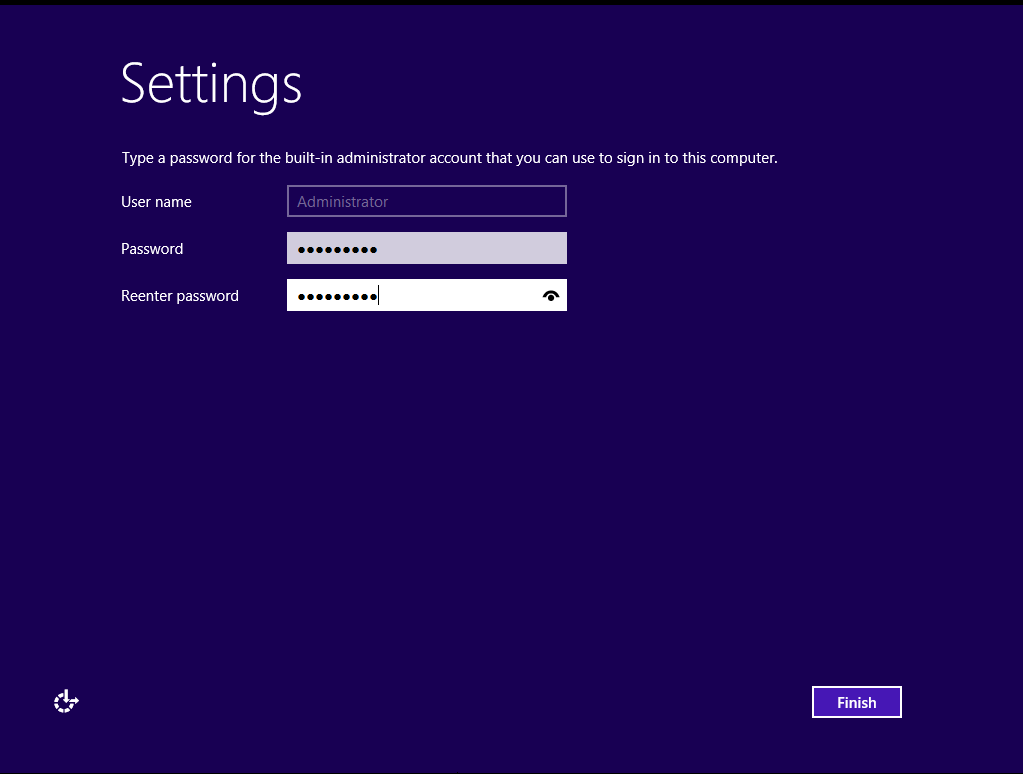
Step 22 – select the ‘Drive 0 unallocated space’ > click on next.



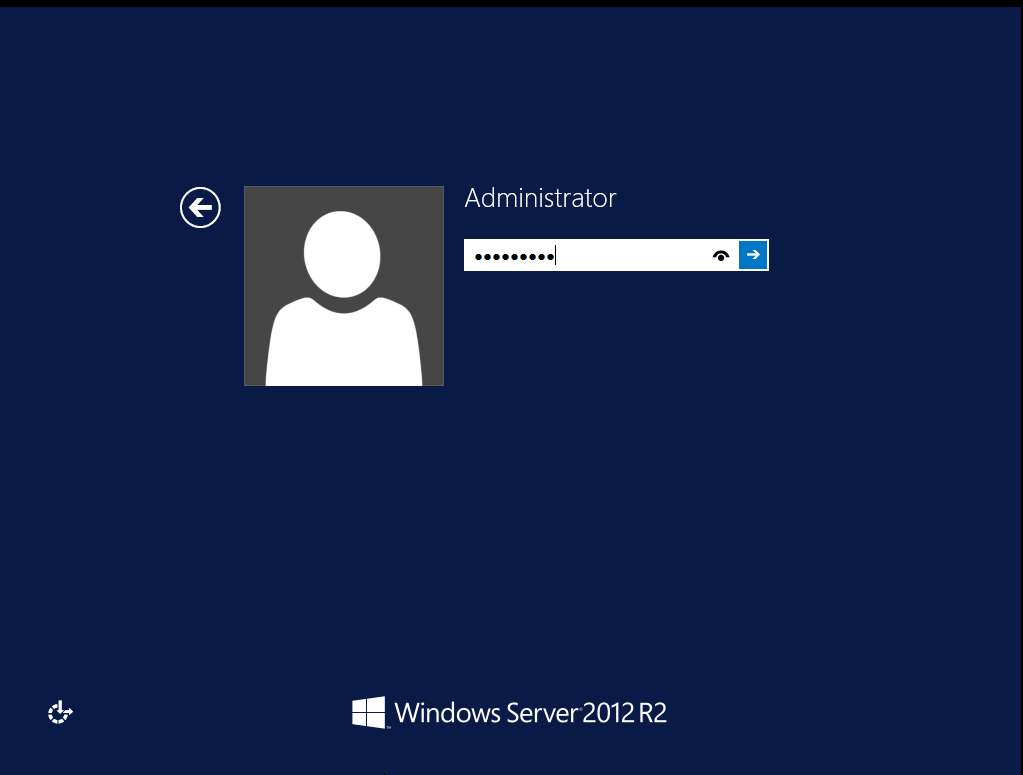
Step 23 – Installation will start



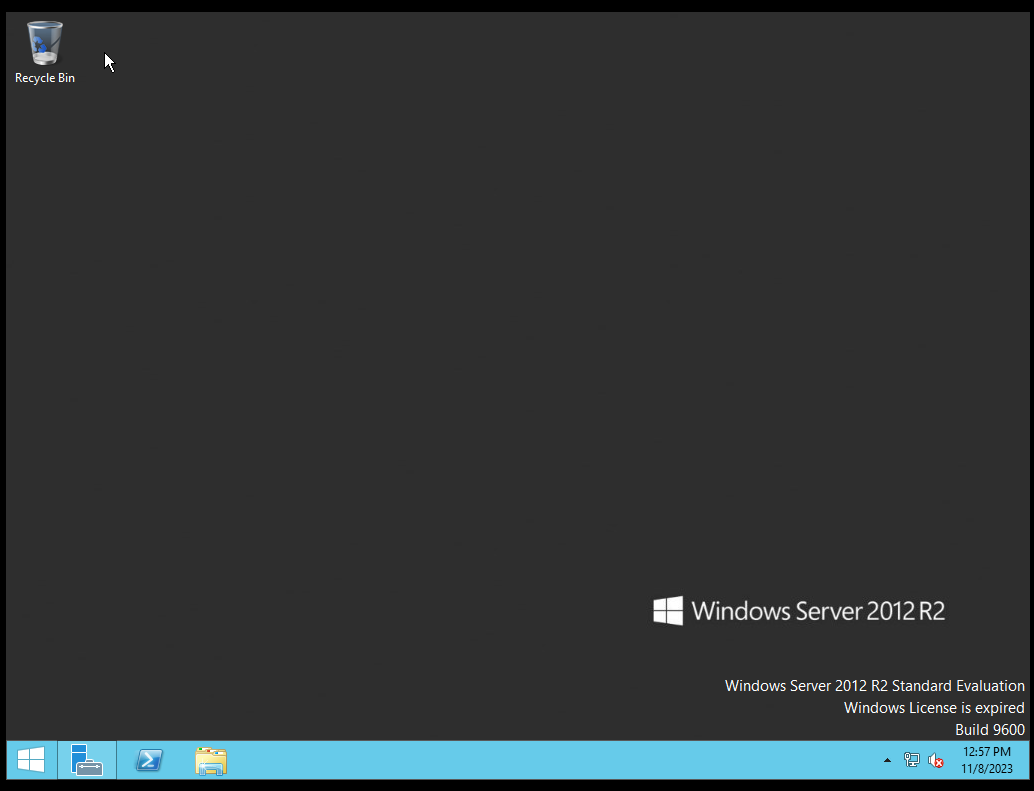
Step 24 – create password : admin123# and again re-enter the password to confirm.



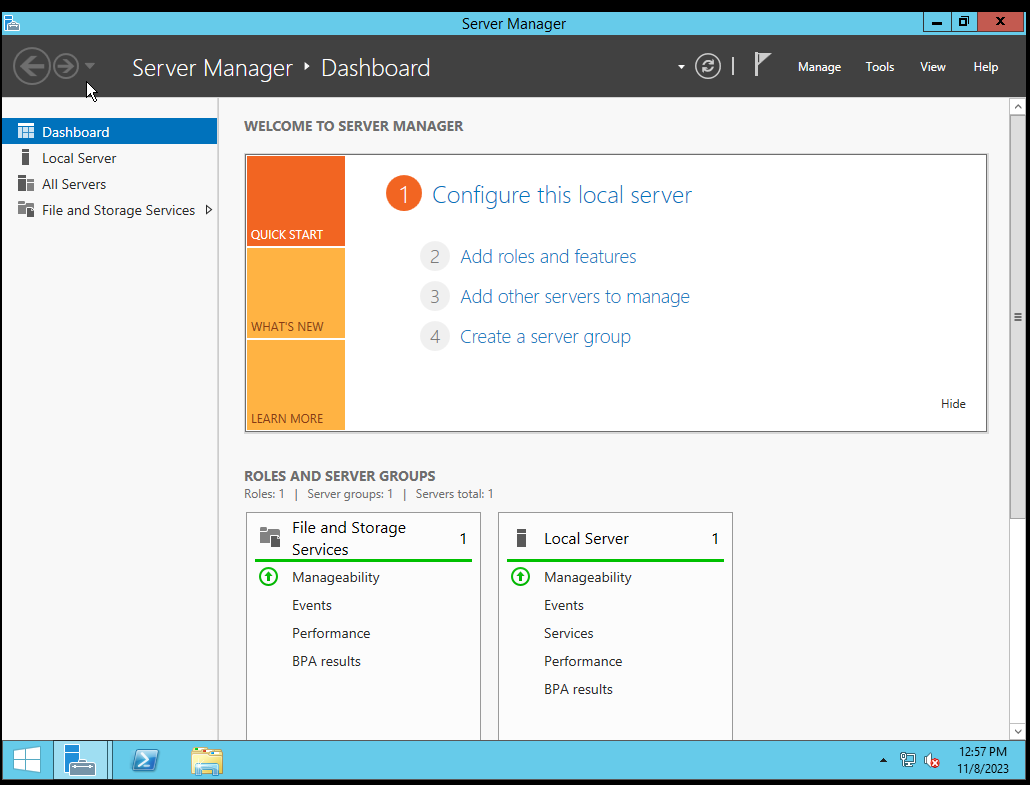
Step 25- Login by entering your passoword.

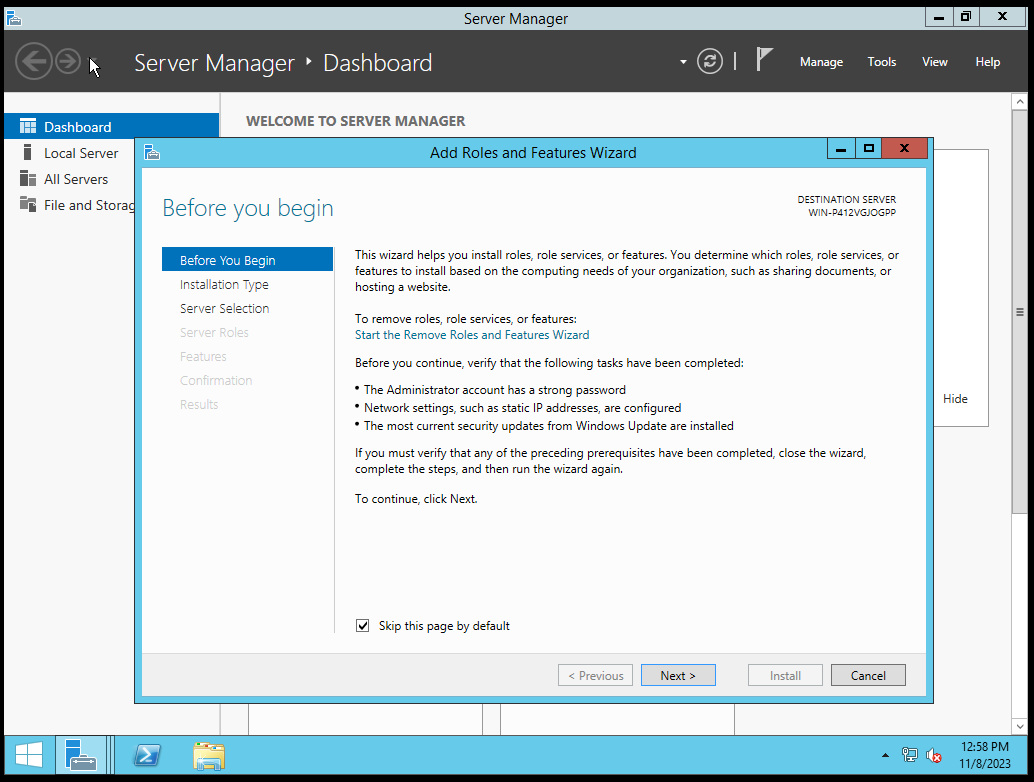


Step 26 – Your windows server is ready to use virtually.

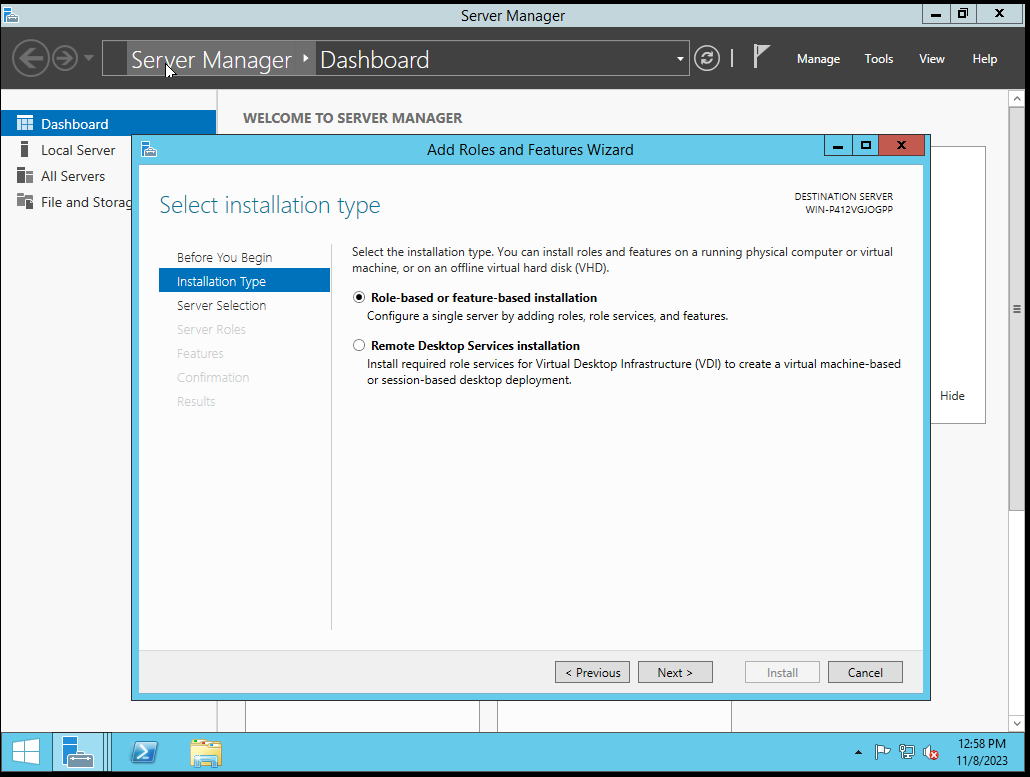


Step 27- Go to server manager > dashboard > Add roles and features.

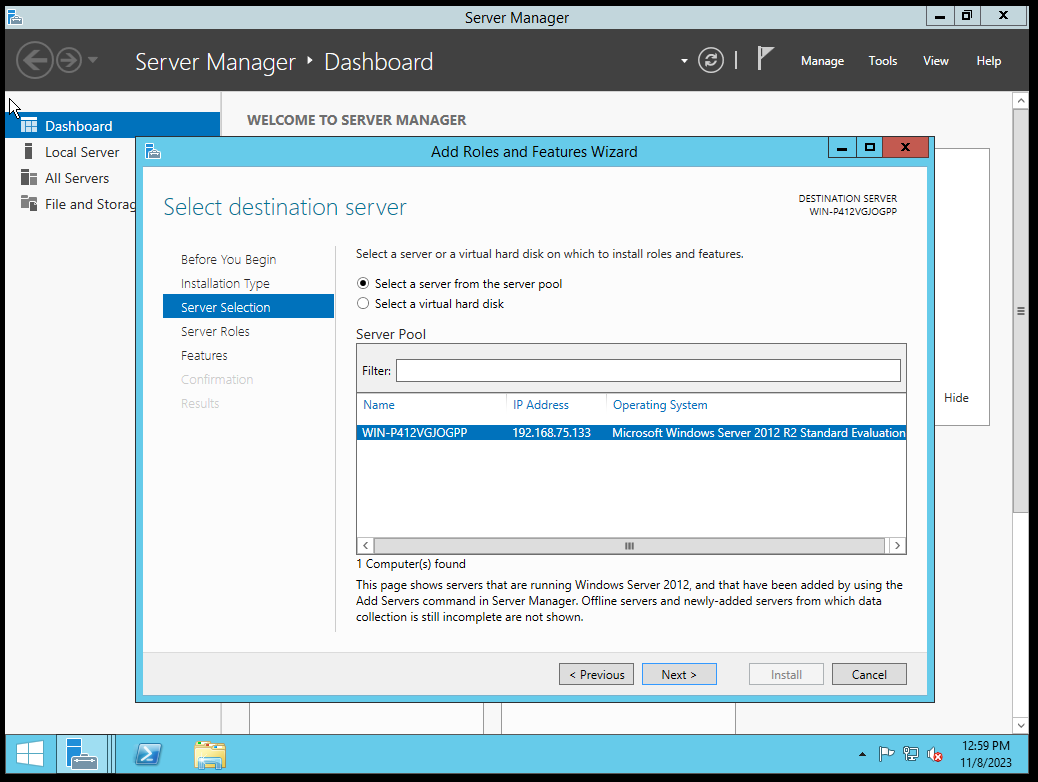




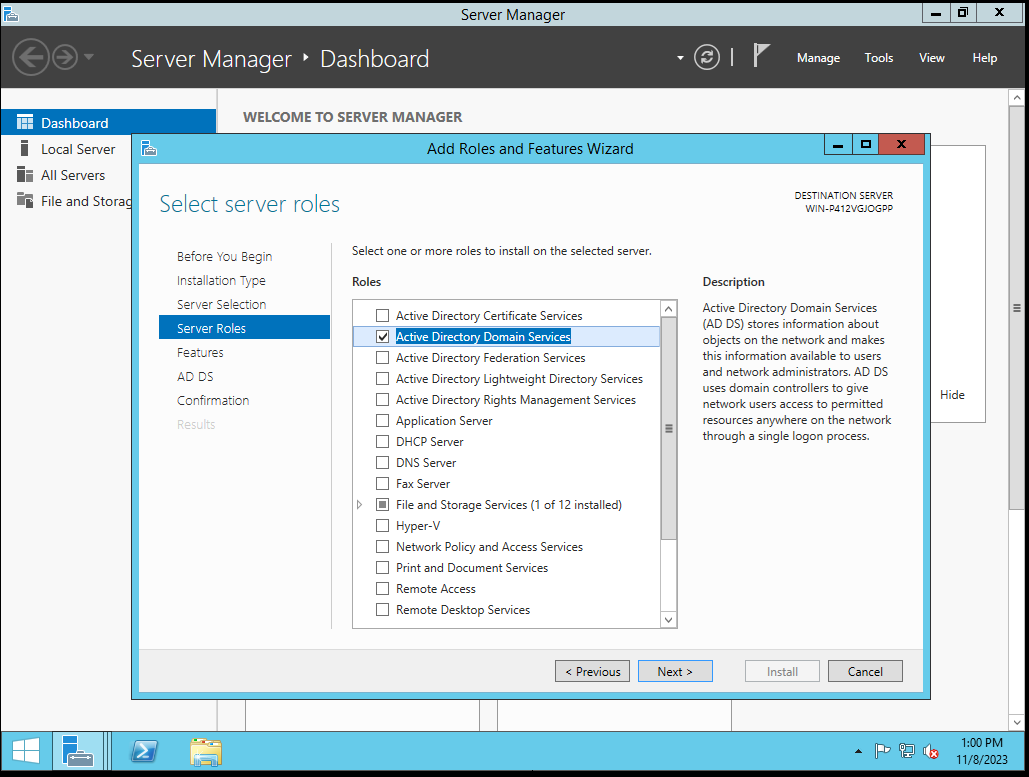
Step 28- click on radio button ‘role based or feature based installation.’



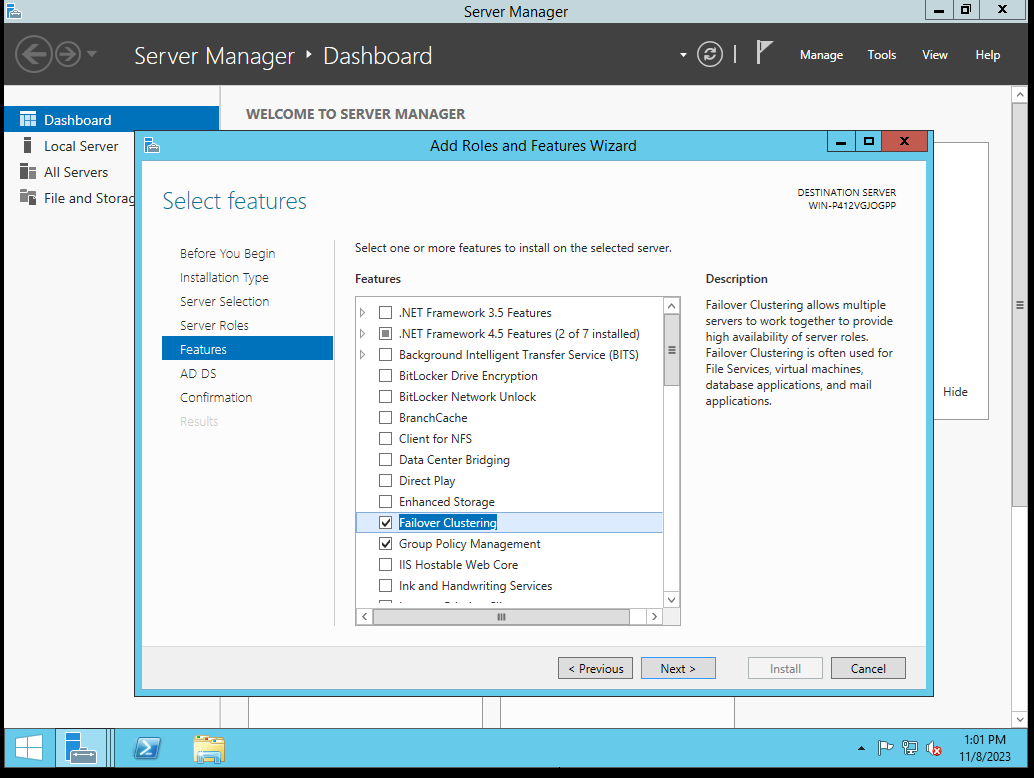
Step 29- Select the default server pool > click next.



Step 30 – check checkbox ‘Active Directory Domain Service.’ > click next.



Step 31 – check checkbox ‘Failover clustering’ > click next.



Step 32- click install.

