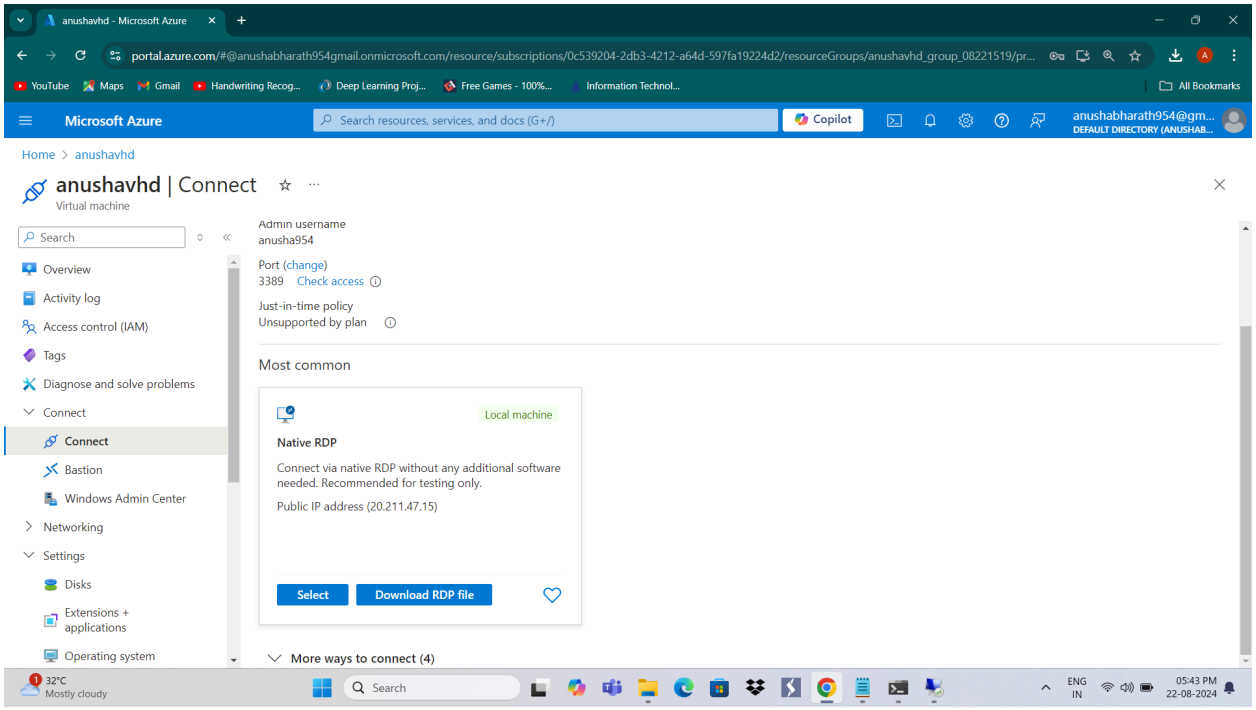
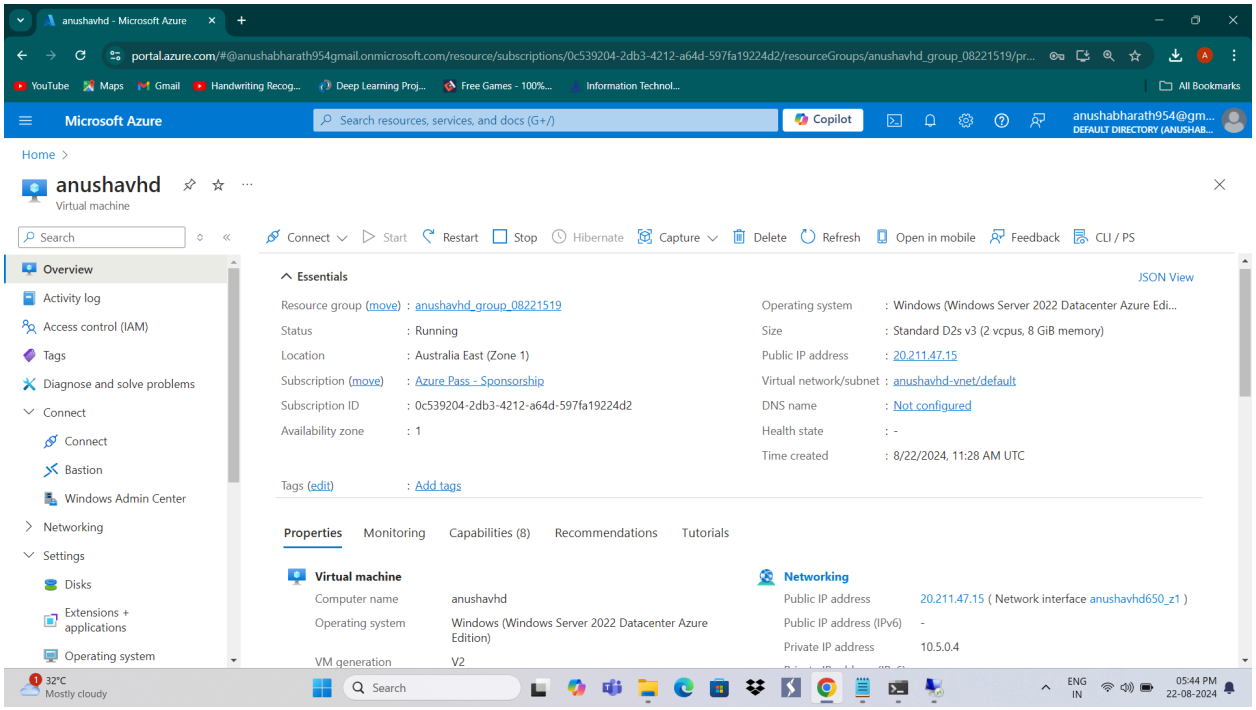
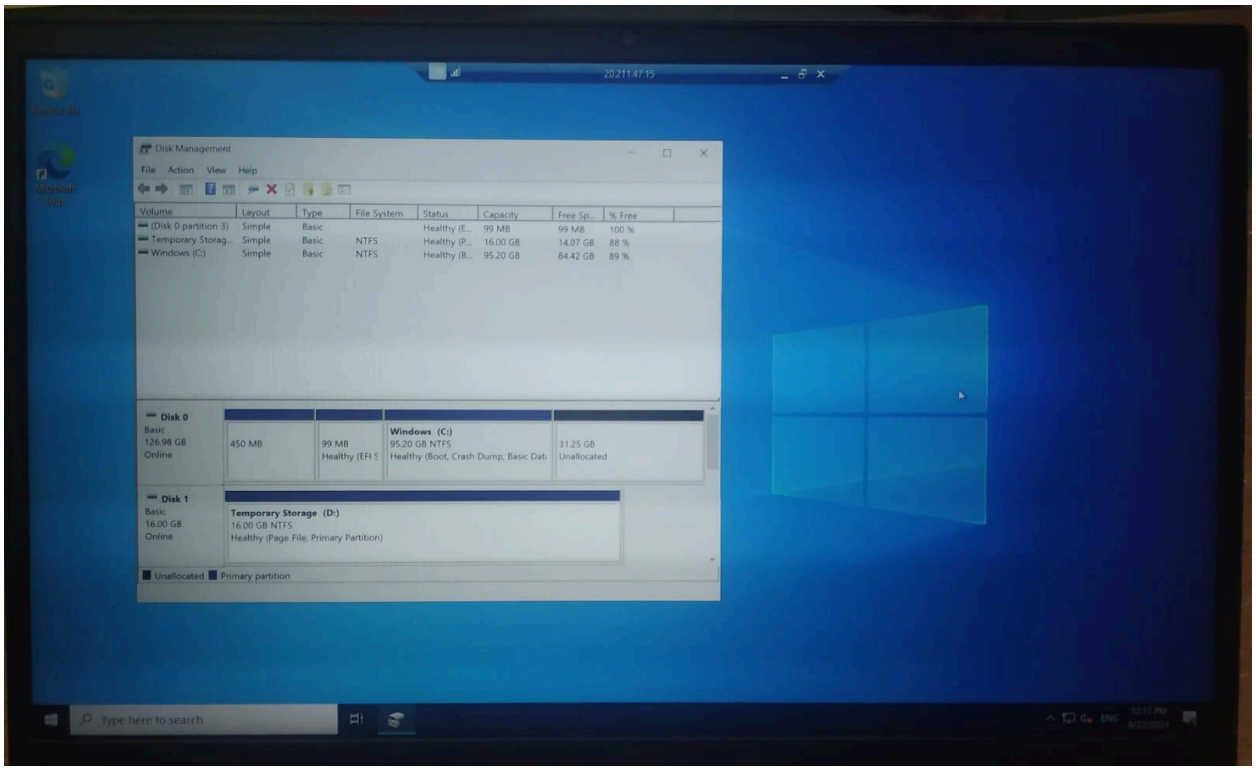
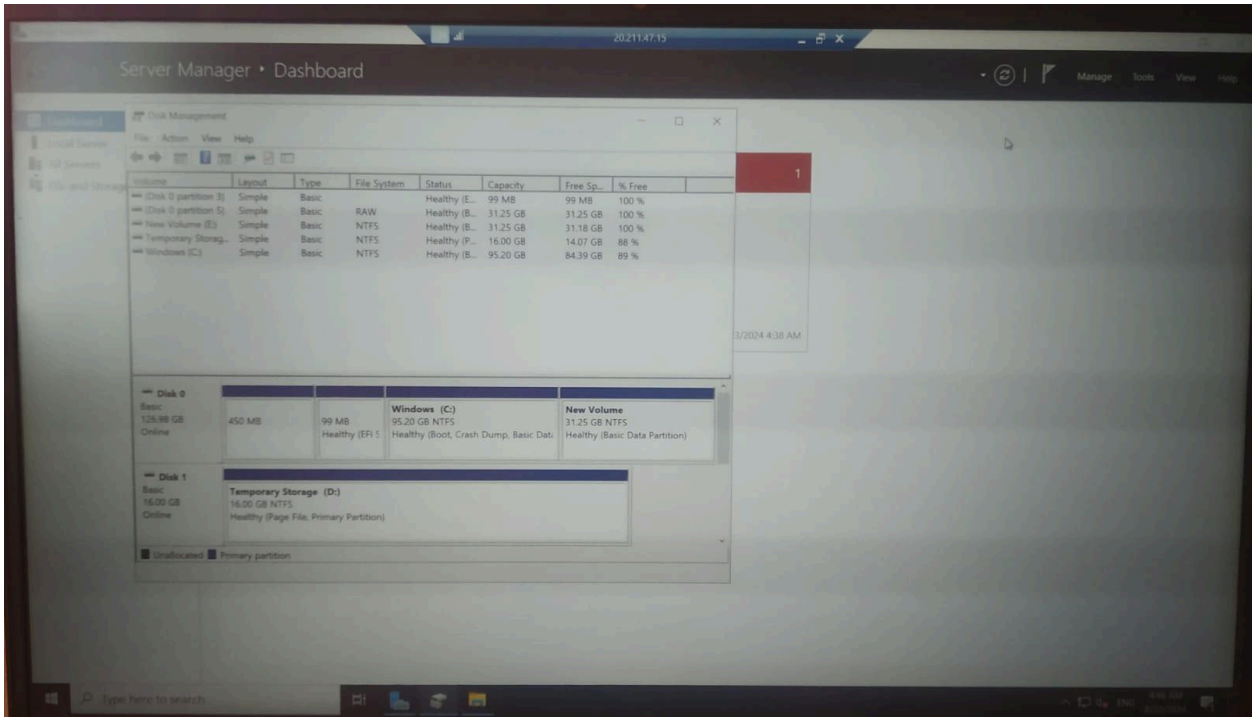
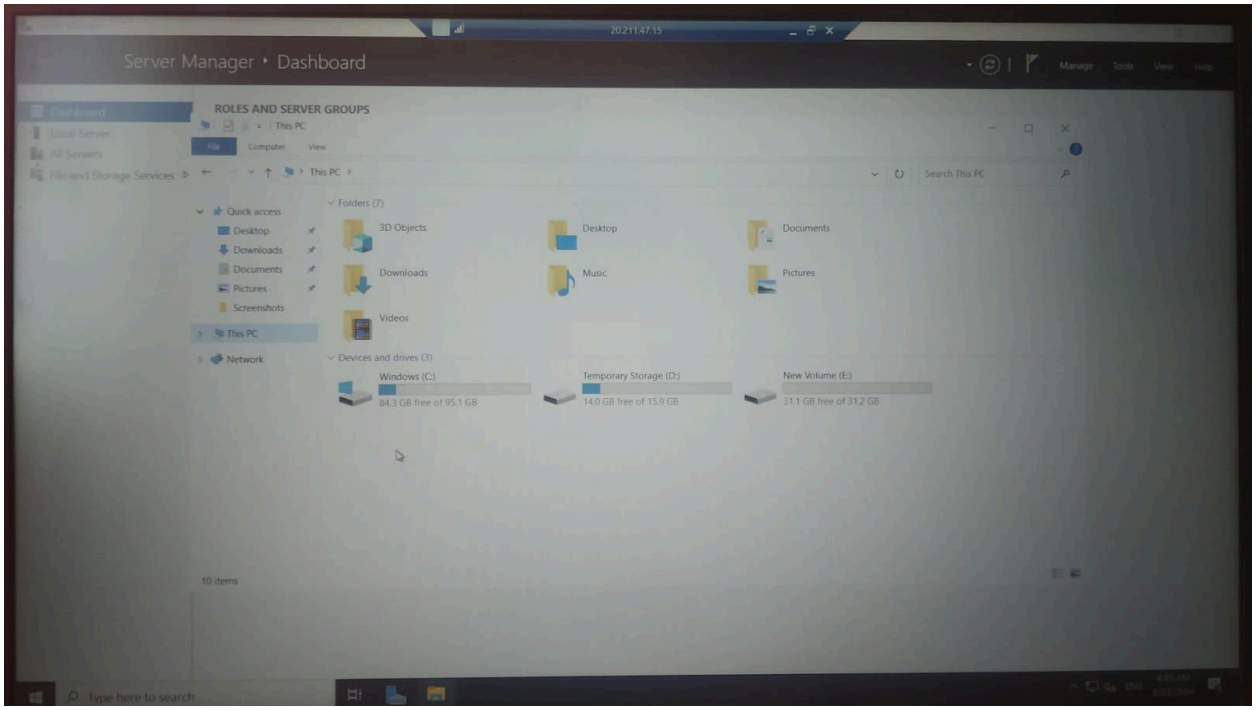
# Attach and Mount Managed Disks to Azure VMs

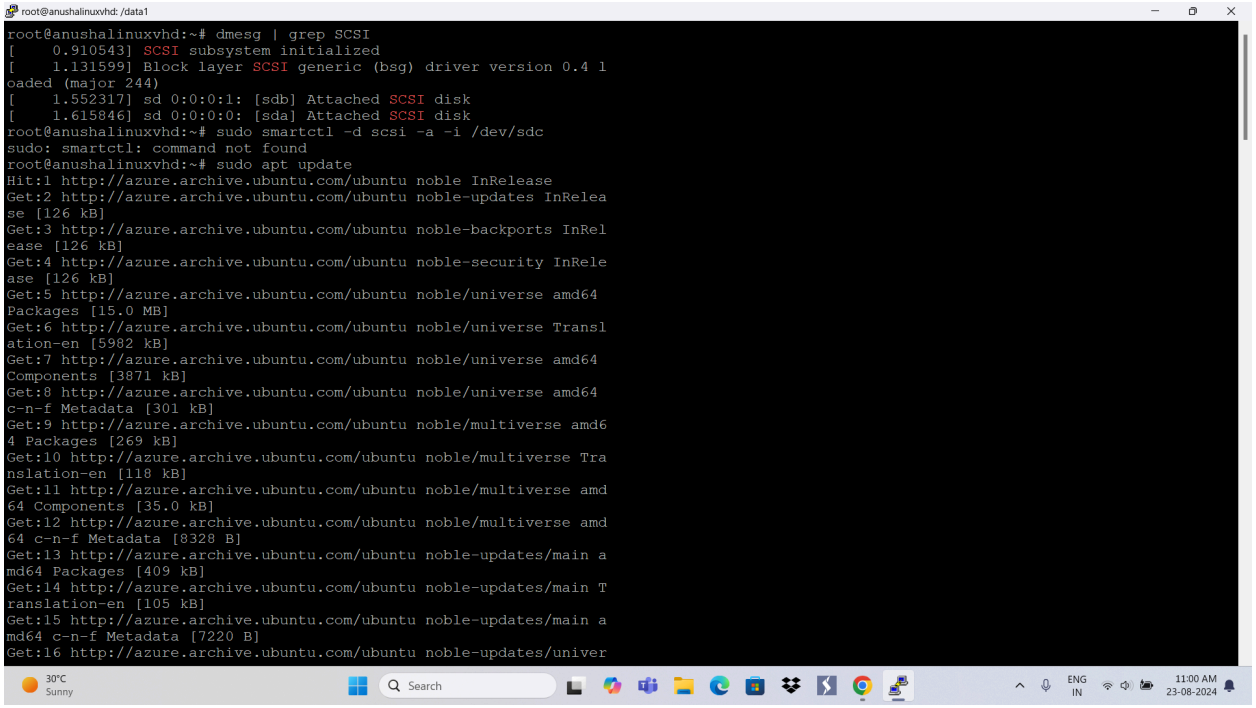



20.211.47.15
Disk Management
File Action View Help
Volume Layout Type File System Status Capacity Free Sp... % Free
(Disk 0 partition 3) Simple Basic Healthy (E... 99 MB 99 MB 100 %
Temporary Storag... Simple Basic NTFS Healthy (P... 16.00 GB 14.07 GB 88 %
Windows (C:) Simple Basic NTFS Healthy (B... 95.20 GB 84.42 GB 89 %
Disk 0
Basic
126.98 GB
Online
450 MB
99 MB
Healthy (EFI S
Windows (C:)
95.20 GB NTFS
Healthy (Boot, Crash Dump, Basic Dati
31.25 GB
Unallocated
Disk 1
Basic
16.00 GB
Online
Temporary Storage (D:)
16.00 GB NTFS
Healthy (Page File, Primary Partition)
Unallocated Primary partition
Type here to search


20.211.47.15
Server Manager • Dashboard
Manage Tools View Help
Disk Management
File Action View Help
Volume Layout Type File System Status Capacity Free Sp... % Free
(Disk 0 partition 3) Simple Basic Healthy (E... 99 MB 99 MB 100 %
(Disk 0 partition 5) Simple Basic RAW Healthy (B... 31.25 GB 31.25 GB 100 %
New Volume (E:) Simple Basic NTFS Healthy (B... 31.25 GB 31.18 GB 100 %
Temporary Storag... Simple Basic NTFS Healthy (P... 16.00 GB 14.07 GB 88 %
Windows (C:) Simple Basic NTFS Healthy (B... 95.20 GB 84.39 GB 89 %
1
3/2024 4:38 AM
Disk 0
Basic
126.98 GB
Online
450 MB
99 MB
Healthy (EFI S
Windows (C:)
95.20 GB NTFS
Healthy (Boot, Crash Dump, Basic Dati
New Volume
31.25 GB NTFS
Healthy (Basic Data Partition)
Disk 1
Basic
16.00 GB
Online
Temporary Storage (D:)
16.00 GB NTFS
Healthy (Page File, Primary Partition)
Unallocated Primary partition
Type here to search


Server Manager • Dashboard
ROLES AND SERVER GROUPS
Quick access
Desktop
Downloads
Documents
Pictures
Screenshots
This PC
Network
Folders (7)
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Devices and drives (3)
Windows (C:)
84.3 GB free of 95.1 GB
Temporary Storage (D:)
14.0 GB free of 15.9 GB
New Volume (E:)
31.1 GB free of 31.2 GB
10 items


root@anushalinuxvhd: /data1
root@anushalinuxvhd:~# dmesg | grep SCSI
[ 0.910543] SCSI subsystem initialized
[ 1.131599] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 244)
[ 1.552317] sd 0:0:0:1: [sdb] Attached SCSI disk
[ 1.615846] sd 0:0:0:0: [sda] Attached SCSI disk
root@anushalinuxvhd:~# sudo smartctl -d scsi -a -i /dev/sdc
sudo: smartctl: command not found
root@anushalinuxvhd:~# sudo apt update
Hit:1 http://azure.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://azure.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://azure.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://azure.archive.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:5 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:6 http://azure.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:7 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:8 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB]
Get:9 http://azure.archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB]
Get:10 http://azure.archive.ubuntu.com/ubuntu noble/multiverse Translation-en [118 kB]
Get:11 http://azure.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:12 http://azure.archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 B]
Get:13 http://azure.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [409 kB]
Get:14 http://azure.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [105 kB]
Get:15 http://azure.archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [7220 B]
Get:16 http://azure.archive.ubuntu.com/ubuntu noble-updates/univer
30°C
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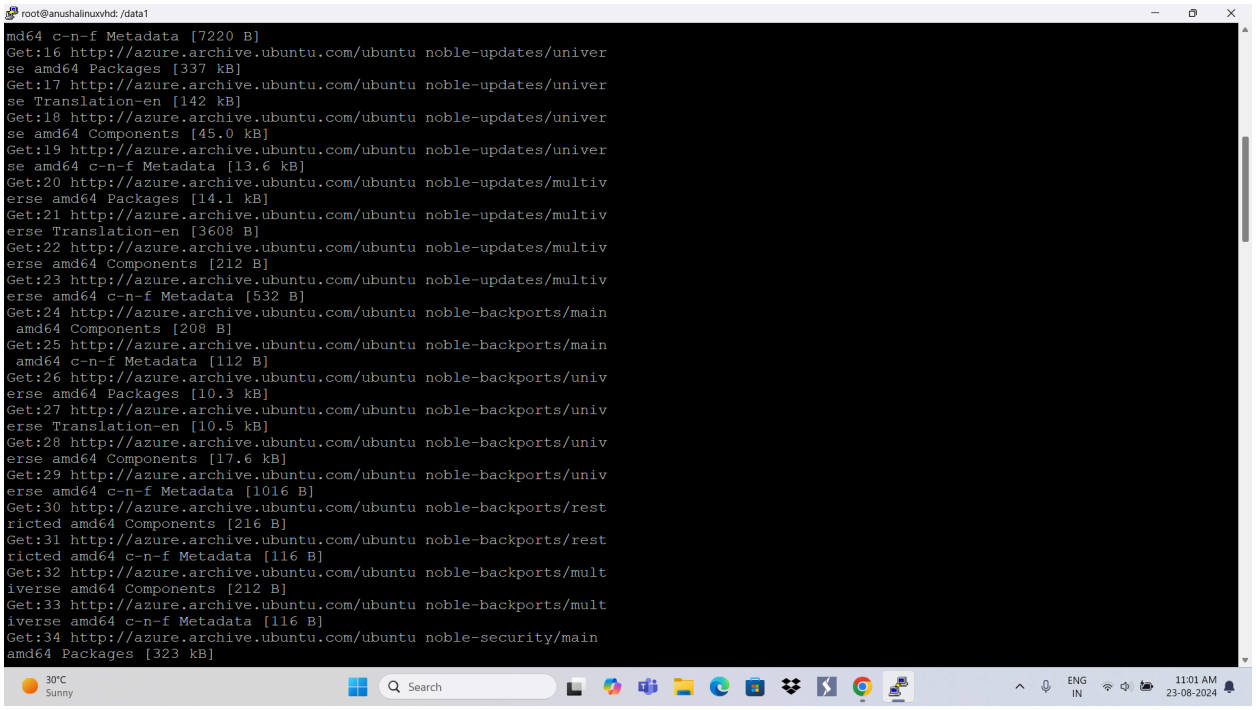
23-08-2024


root@anushalinuxvhd: /data1
md64 c-n-f Metadata [7220 B]
Get:16 http://azure.archive.ubuntu.com/ubuntu noble-updates/univer
se amd64 Packages [337 kB]
Get:17 http://azure.archive.ubuntu.com/ubuntu noble-updates/univer
se Translation-en [142 kB]
Get:18 http://azure.archive.ubuntu.com/ubuntu noble-updates/univer
se amd64 Components [45.0 kB]
Get:19 http://azure.archive.ubuntu.com/ubuntu noble-updates/univer
se amd64 c-n-f Metadata [13.6 kB]
Get:20 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiv
erse amd64 Packages [14.1 kB]
Get:21 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiv
erse Translation-en [3608 B]
Get:22 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiv
erse amd64 Components [212 B]
Get:23 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiv
erse amd64 c-n-f Metadata [532 B]
Get:24 http://azure.archive.ubuntu.com/ubuntu noble-backports/main
amd64 Components [208 B]
Get:25 http://azure.archive.ubuntu.com/ubuntu noble-backports/main
amd64 c-n-f Metadata [112 B]
Get:26 http://azure.archive.ubuntu.com/ubuntu noble-backports/univ
erse amd64 Packages [10.3 kB]
Get:27 http://azure.archive.ubuntu.com/ubuntu noble-backports/univ
erse Translation-en [10.5 kB]
Get:28 http://azure.archive.ubuntu.com/ubuntu noble-backports/univ
erse amd64 Components [17.6 kB]
Get:29 http://azure.archive.ubuntu.com/ubuntu noble-backports/univ
erse amd64 c-n-f Metadata [1016 B]
Get:30 http://azure.archive.ubuntu.com/ubuntu noble-backports/rest
ricted amd64 Components [216 B]
Get:31 http://azure.archive.ubuntu.com/ubuntu noble-backports/rest
ricted amd64 c-n-f Metadata [116 B]
Get:32 http://azure.archive.ubuntu.com/ubuntu noble-backports/mult
iverse amd64 Components [212 B]
Get:33 http://azure.archive.ubuntu.com/ubuntu noble-backports/mult
iverse amd64 c-n-f Metadata [116 B]
Get:34 http://azure.archive.ubuntu.com/ubuntu noble-security/main
amd64 Packages [323 kB]
30°C
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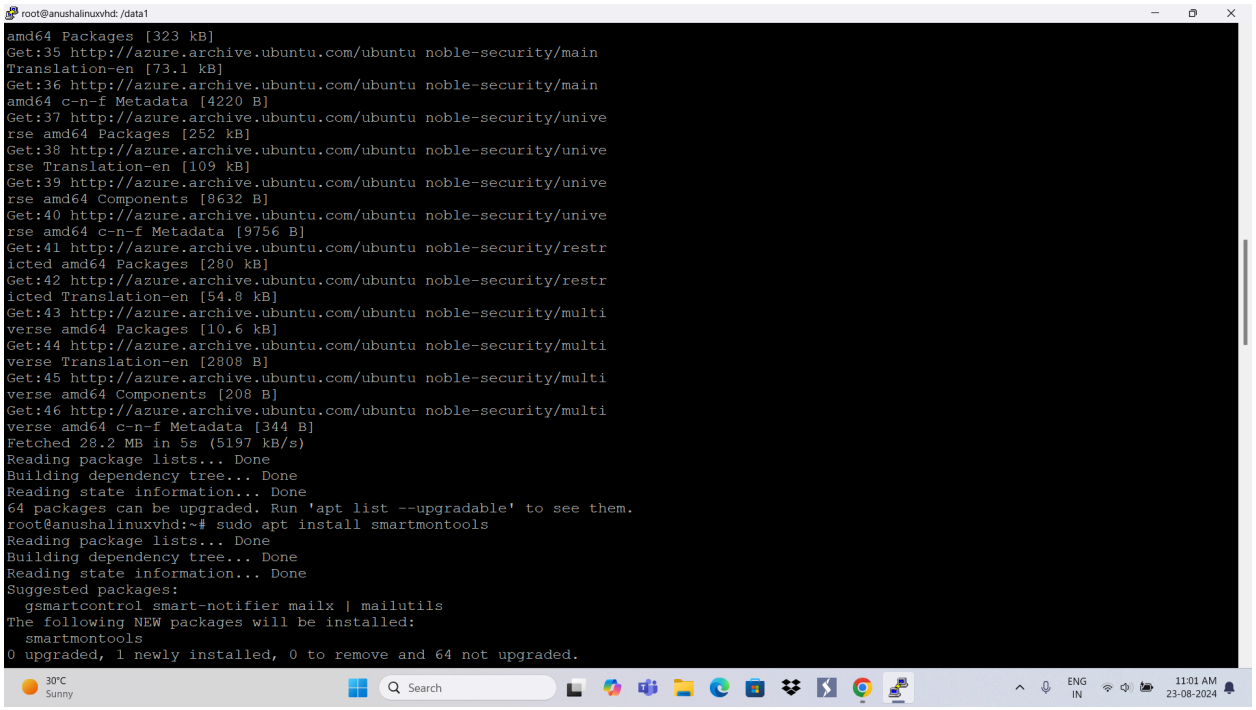
23-08-2024


root@anushalinuxvhd: /data1
amd64 Packages [323 kB]
Get:35 http://azure.archive.ubuntu.com/ubuntu noble-security/main
Translation-en [73.1 kB]
Get:36 http://azure.archive.ubuntu.com/ubuntu noble-security/main
amd64 c-n-f Metadata [4220 B]
Get:37 http://azure.archive.ubuntu.com/ubuntu noble-security/unive
rse amd64 Packages [252 kB]
Get:38 http://azure.archive.ubuntu.com/ubuntu noble-security/unive
rse Translation-en [109 kB]
Get:39 http://azure.archive.ubuntu.com/ubuntu noble-security/unive
rse amd64 Components [8632 B]
Get:40 http://azure.archive.ubuntu.com/ubuntu noble-security/unive
rse amd64 c-n-f Metadata [9756 B]
Get:41 http://azure.archive.ubuntu.com/ubuntu noble-security/restr
icted amd64 Packages [280 kB]
Get:42 http://azure.archive.ubuntu.com/ubuntu noble-security/restr
icted Translation-en [54.8 kB]
Get:43 http://azure.archive.ubuntu.com/ubuntu noble-security/multi
verse amd64 Packages [10.6 kB]
Get:44 http://azure.archive.ubuntu.com/ubuntu noble-security/multi
verse Translation-en [2808 B]
Get:45 http://azure.archive.ubuntu.com/ubuntu noble-security/multi
verse amd64 Components [208 B]
Get:46 http://azure.archive.ubuntu.com/ubuntu noble-security/multi
verse amd64 c-n-f Metadata [344 B]
Fetched 28.2 MB in 5s (5197 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
64 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@anushalinuxvhd:~# sudo apt install smartmontools
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Suggested packages:
gsmartcontrol smart-notifier mailx | mailutils
The following NEW packages will be installed:
smartmontools
0 upgraded, 1 newly installed, 0 to remove and 64 not upgraded.
30°C
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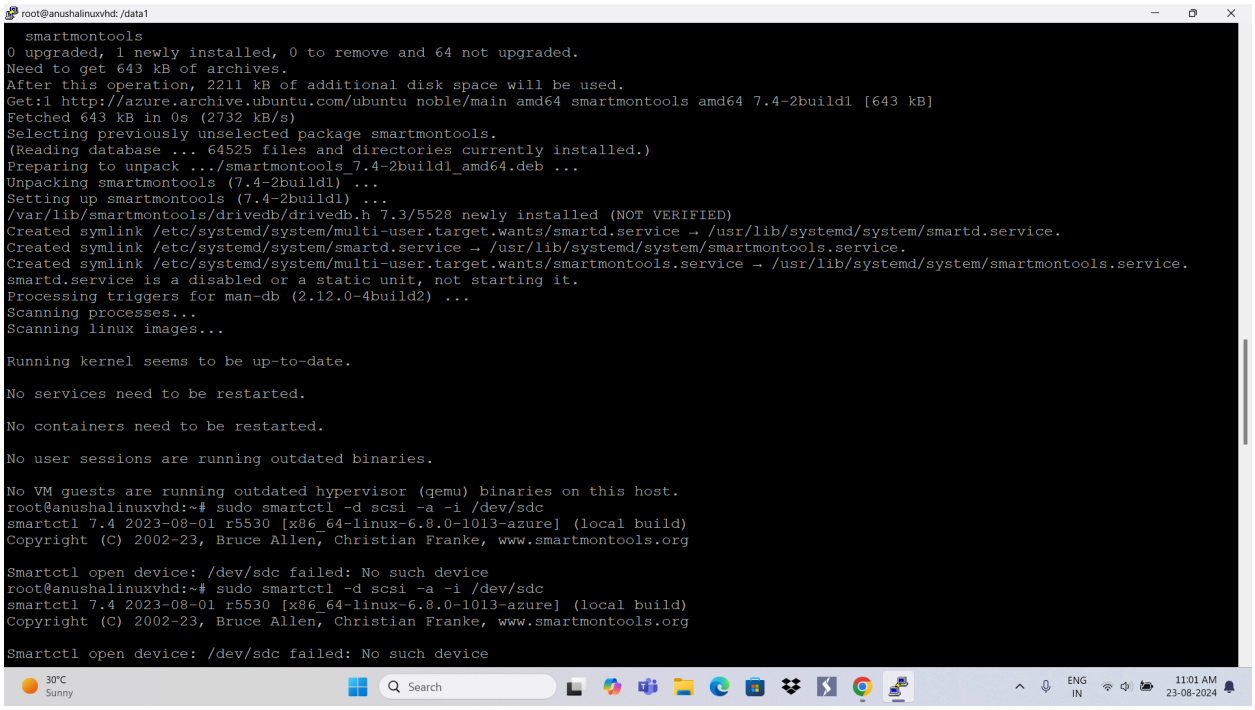
23-08-2024


root@anushalinuxvhd: /data1
smartmontools
0 upgraded, 1 newly installed, 0 to remove and 64 not upgraded.
Need to get 643 kB of archives.
After this operation, 2211 kB of additional disk space will be used.
Get:1 http://azure.archive.ubuntu.com/ubuntu noble/main amd64 smartmontools amd64 7.4-2build1 [643 kB]
Fetched 643 kB in 0s (2732 kB/s)
Selecting previously unselected package smartmontools.
(Reading database ... 64525 files and directories currently installed.)
Preparing to unpack .../smartmontools_7.4-2build1_amd64.deb ...
Unpacking smartmontools (7.4-2build1) ...
Setting up smartmontools (7.4-2build1) ...
/var/lib/smartmontools/drivedb/drivedb.h 7.3/5528 newly installed (NOT VERIFIED)
Created symlink /etc/systemd/system/multi-user.target.wants/smartd.service → /usr/lib/systemd/system/smartd.service.
Created symlink /etc/systemd/system/smartd.service → /usr/lib/systemd/system/smartmontools.service.
Created symlink /etc/systemd/system/multi-user.target.wants/smartmontools.service → /usr/lib/systemd/system/smartmontools.service.
smartd.service is a disabled or a static unit, not starting it.
Processing triggers for man-db (2.12.0-4build2) ...
Scanning processes...
Scanning linux images...
Running kernel seems to be up-to-date.
No services need to be restarted.
No containers need to be restarted.
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (qemu) binaries on this host.
root@anushalinuxvhd:~# sudo smartctl -d scsi -a -i /dev/sdc
smartctl 7.4 2023-08-01 r5530 [x86_64-linux-6.8.0-1013-azure] (local build)
Copyright (C) 2002-23, Bruce Allen, Christian Franke, www.smartmontools.org
Smartctl open device: /dev/sdc failed: No such device
root@anushalinuxvhd:~# sudo smartctl -d scsi -a -i /dev/sdc
smartctl 7.4 2023-08-01 r5530 [x86_64-linux-6.8.0-1013-azure] (local build)
Copyright (C) 2002-23, Bruce Allen, Christian Franke, www.smartmontools.org
Smartctl open device: /dev/sdc failed: No such device
30°C
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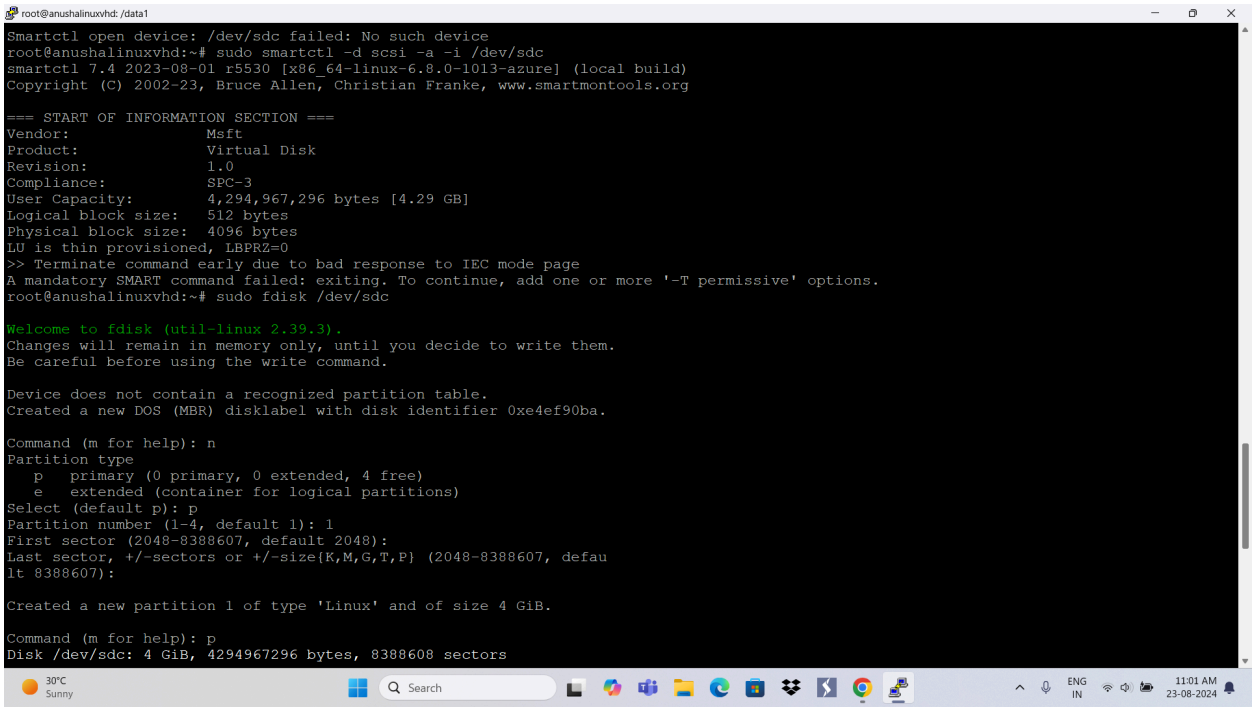
23-08-2024


root@anushalinuxvhd: /data1
Smartctl open device: /dev/sdc failed: No such device
root@anushalinuxvhd:~# sudo smartctl -d scsi -a -i /dev/sdc
smartctl 7.4 2023-08-01 r5530 [x86_64-linux-6.8.0-1013-azure] (local build)
Copyright (C) 2002-23, Bruce Allen, Christian Franke, www.smartmontools.org
=== START OF INFORMATION SECTION ===
Vendor: Msft
Product: Virtual Disk
Revision: 1.0
Compliance: SPC-3
User Capacity: 4,294,967,296 bytes [4.29 GB]
Logical block size: 512 bytes
Physical block size: 4096 bytes
LU is thin provisioned, LBPRZ=0
>> Terminate command early due to bad response to IEC mode page
A mandatory SMART command failed: exiting. To continue, add one or more '-T permissive' options.
root@anushalinuxvhd:~# sudo fdisk /dev/sdc
Welcome to fdisk (util-linux 2.39.3).
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.
Device does not contain a recognized partition table.
Created a new DOS (MBR) disklabel with disk identifier 0xe4ef90ba.
Command (m for help): n
Partition type
p primary (0 primary, 0 extended, 4 free)
e extended (container for logical partitions)
Select (default p): p
Partition number (1-4, default 1): 1
First sector (2048-8388607, default 2048):
Last sector, +/-sectors or +/-size{K,M,G,T,P} (2048-8388607, defau
lt 8388607):
Created a new partition 1 of type 'Linux' and of size 4 GiB.
Command (m for help): p
Disk /dev/sdc: 4 GiB, 4294967296 bytes, 8388608 sectors
30°C
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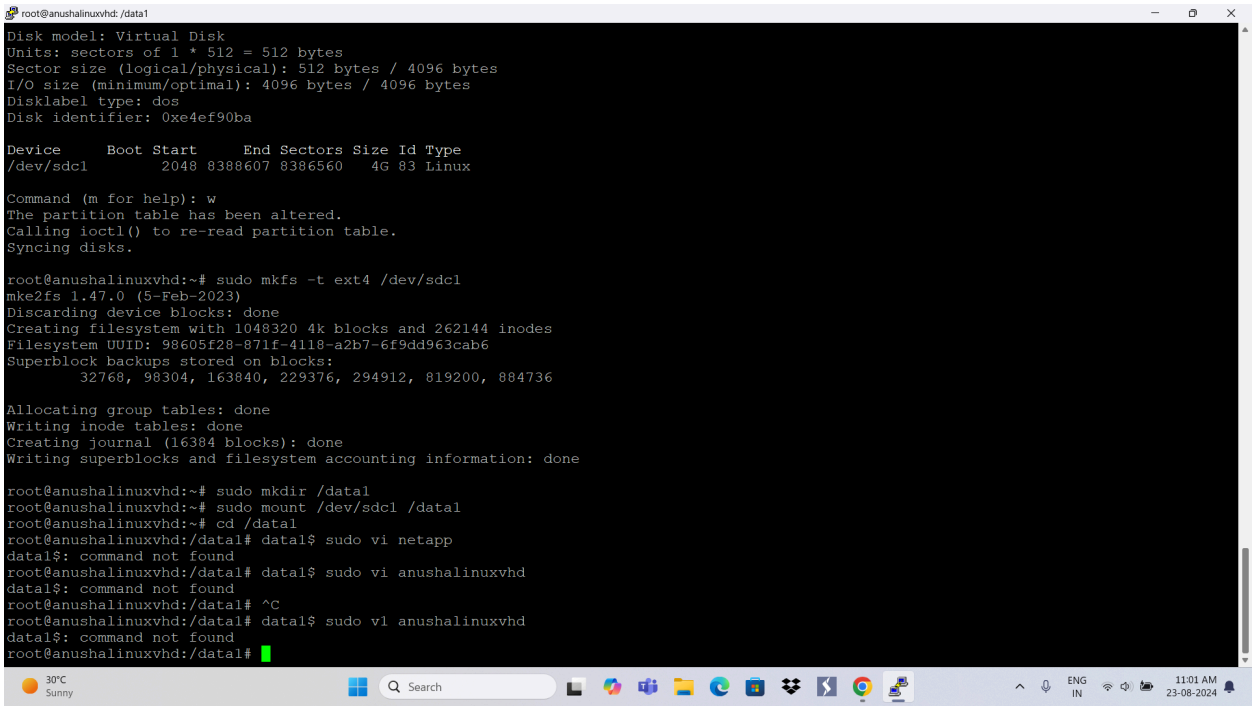
23-08-2024


root@anushalinuxvhd: /data1
Disk model: Virtual Disk
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 4096 bytes
I/O size (minimum/optimal): 4096 bytes / 4096 bytes
Disklabel type: dos
Disk identifier: 0xe4ef90ba
Device Boot Start End Sectors Size Id Type
/dev/sdc1 2048 8388607 8386560 4G 83 Linux
Command (m for help): w
The partition table has been altered.
Calling ioctl() to re-read partition table.
Syncing disks.
root@anushalinuxvhd:~# sudo mkfs -t ext4 /dev/sdc1
mke2fs 1.47.0 (5-Feb-2023)
Discarding device blocks: done
Creating filesystem with 1048320 4k blocks and 262144 inodes
Filesystem UUID: 98605f28-871f-4118-a2b7-6f9dd963cab6
Superblock backups stored on blocks:
32768, 98304, 163840, 229376, 294912, 819200, 884736
Allocating group tables: done
Writing inode tables: done
Creating journal (16384 blocks): done
Writing superblocks and filesystem accounting information: done
root@anushalinuxvhd:~# sudo mkdir /data1
root@anushalinuxvhd:~# sudo mount /dev/sdc1 /data1
root@anushalinuxvhd:~# cd /data1
root@anushalinuxvhd:/data1# data1$ sudo vi netapp
data1$: command not found
root@anushalinuxvhd:/data1# data1$ sudo vi anushalinuxvhd
data1$: command not found
root@anushalinuxvhd:/data1# ^C
root@anushalinuxvhd:/data1# data1$ sudo vl anushalinuxvhd
data1$: command not found
root@anushalinuxvhd:/data1#
30°C
Sunny
Search
ENG
IN
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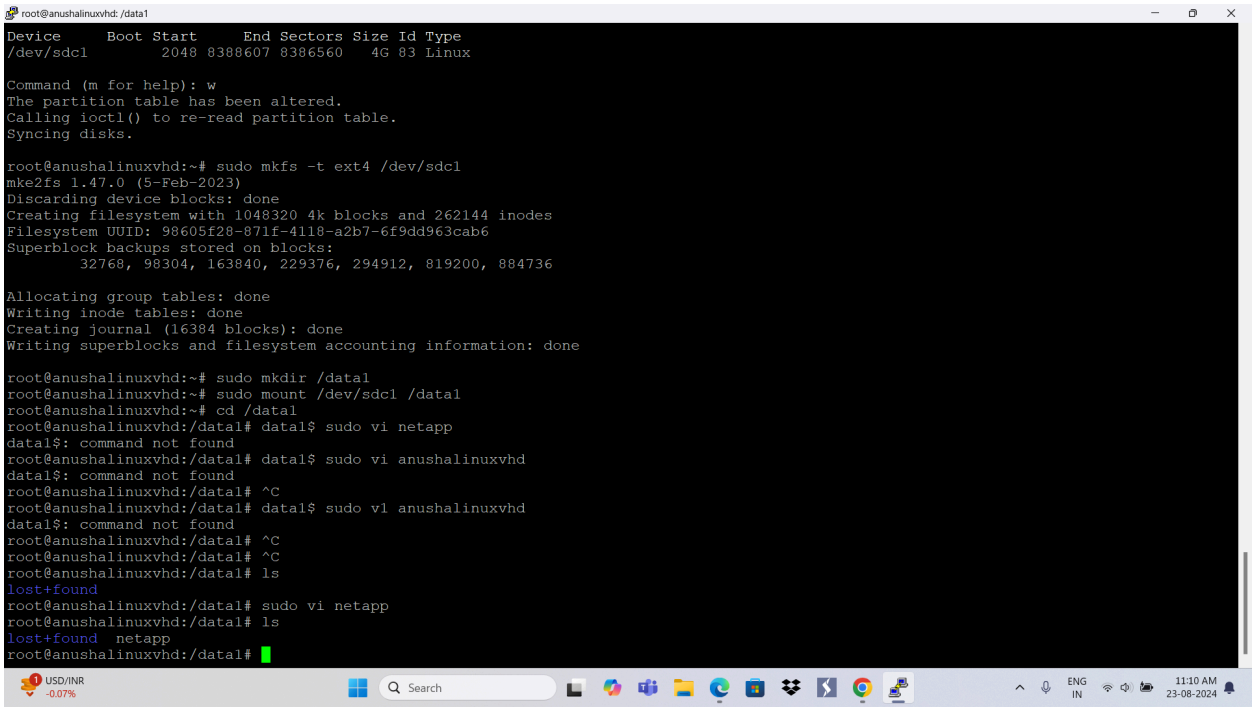
23-08-2024


root@anushalinuxvhd: /data1
Device Boot Start End Sectors Size Id Type
/dev/sdc1 2048 8388607 8386560 4G 83 Linux
Command (m for help): w
The partition table has been altered.
Calling ioctl() to re-read partition table.
Syncing disks.
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Discarding device blocks: done
Creating filesystem with 1048320 4k blocks and 262144 inodes
Filesystem UUID: 98605f28-871f-4118-a2b7-6f9dd963cab6
Superblock backups stored on blocks:
32768, 98304, 163840, 229376, 294912, 819200, 884736
Allocating group tables: done
Writing inode tables: done
Creating journal (16384 blocks): done
Writing superblocks and filesystem accounting information: done
root@anushalinuxvhd:~# sudo mkdir /data1
root@anushalinuxvhd:~# sudo mount /dev/sdc1 /data1
root@anushalinuxvhd:~# cd /data1
root@anushalinuxvhd:/data1# data1$ sudo vi netapp
data1$: command not found
root@anushalinuxvhd:/data1# data1$ sudo vi anushalinuxvhd
data1$: command not found
root@anushalinuxvhd:/data1# ^C
root@anushalinuxvhd:/data1# data1$ sudo vl anushalinuxvhd
data1$: command not found
root@anushalinuxvhd:/data1# ^C
root@anushalinuxvhd:/data1# ^C
root@anushalinuxvhd:/data1# ls
lost+found
root@anushalinuxvhd:/data1# sudo vi netapp
root@anushalinuxvhd:/data1# ls
lost+found netapp
root@anushalinuxvhd:/data1#
USD/INR
-0.07%
Search
ENG
IN
11:10 AM
23-08-2024