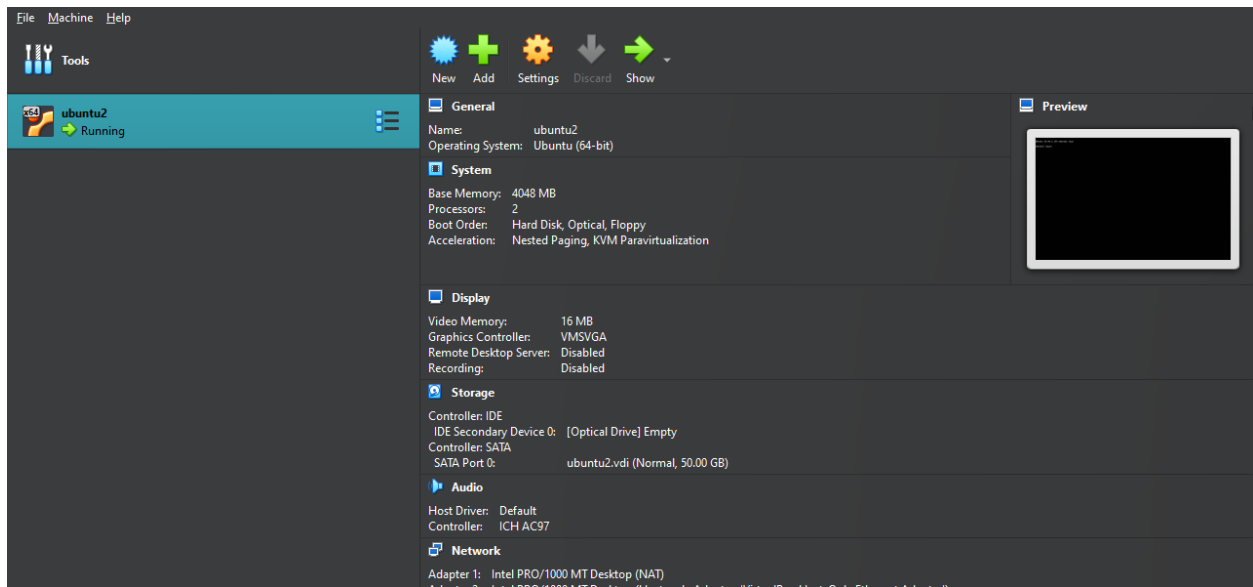
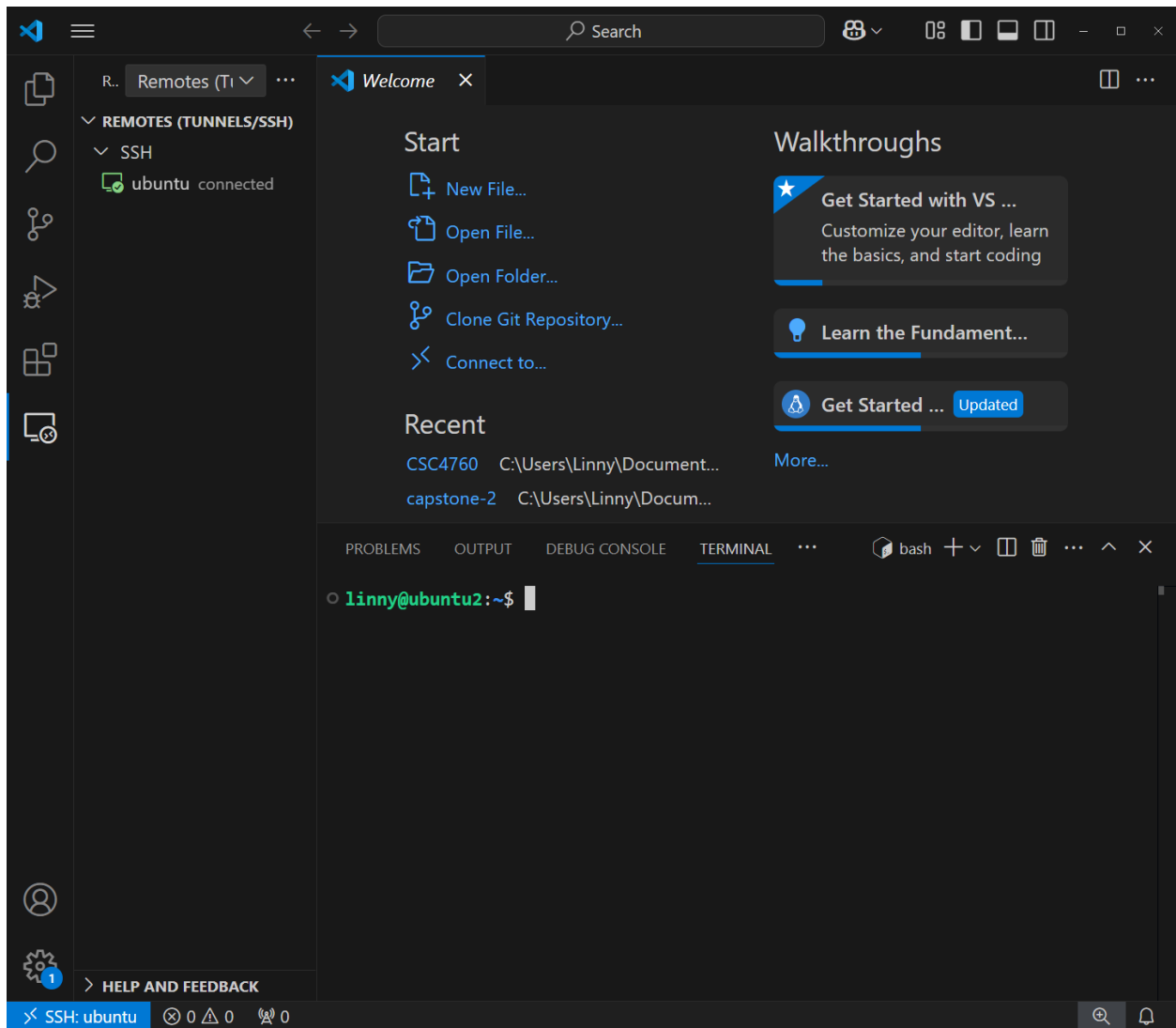


1.

2.



```
linny@ubuntu2: ~  
0 updates can be applied immediately.  
  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
  
Last login: Fri Feb 14 02:18:12 2025 from 192.168.235.1  
linny@ubuntu2:~$ ip a  
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000  
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00  
    inet 127.0.0.1/8 scope host lo  
        valid_lft forever preferred_lft forever  
    inet6 ::1/128 scope host noprefixroute  
        valid_lft forever preferred_lft forever  
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000  
    link/ether 08:00:27:9e:ff:de brd ff:ff:ff:ff:ff:ff  
    inet 10.0.2.15/24 metric 100 brd 10.0.2.255 scope global dynamic enp0s3  
        valid_lft 84986sec preferred_lft 84986sec  
    inet6 fd00::a00:27ff:fe9e:ffde/64 scope global dynamic mngtmpaddr noprefixroute  
        valid_lft 85500sec preferred_lft 13500sec  
    inet6 fe80::a00:27ff:fe9e:ffde/64 scope link  
        valid_lft forever preferred_lft forever  
3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000  
    link/ether 08:00:27:18:cd:e4 brd ff:ff:ff:ff:ff:ff  
    inet 192.168.235.3/24 brd 192.168.235.255 scope global enp0s8  
        valid_lft forever preferred_lft forever  
    inet6 fe80::a00:27ff:fe18:cde4/64 scope link  
        valid_lft forever preferred_lft forever  
linny@ubuntu2:~$
```



3.

Instances | Oracle Cloud Infrastr: X

https://cloud.oracle.com/compute/instances?region=us-ashburn-1

ResponsibilitiesaiNetworkSocalsGSUMailsStreamingsMathShoppingListsWikiOthersToolslivesportPredicting Hall of Fam...

Cloud

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US East (Ashburn)

Compute

Overview

Instances

Instance Maintenance

Dedicated Virtual Machine Hosts

Instance Configurations

Instance Pools

Cluster Networks

Compute Clusters

Autoscaling Configurations

Capacity Reservations

Custom Images

List scope

Instances in lpham34 (root) compartment

An **instance** is a compute host. Choose between virtual machines (VMs) and bare metal instances. The image that you use to launch an instance determines its operating system and other software.

Create instance

Actions

<input type="checkbox"/>	Name	State	Public IP	Private IP	Shape	OCPU count	Memory (GB)	Av
<input type="checkbox"/>	amd2 <small>Always Free</small>	Running	129.153.129.62	10.0.0.130	VM.Standard.E2.1.Micro	1	1	AC
<input type="checkbox"/>	amd1 <small>Always Free</small>	Running	129.213.125.39	10.0.0.181	VM.Standard.E2.1.Micro	1	1	AC

0 selected

Showing 2 items < 1 of 1 >

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ubuntu@amd1 - X + -

C:\Users\lpham34> ssh -i C:\Users\lpham34\Documents\ssh\amd1-ssh-key-2025-01-27-key ubuntu@129.213.125.39

Welcome to Ubuntu 24.04.1 LTS (GNU/Linux 6.8.0-1019-oracle x86_64)

• Documentation: <https://help.ubuntu.com>
• Management: <https://landscape.canonical.com>
• Support: <https://ubuntu.com/pro>

System information as of Fri Feb 14 06:23:59 UTC 2025

System load: 0.0 Processes: 119
Usage of /: 12.1% of 47.39GB Users logged in: 0
Memory usage: 20% IPV4 address for ens3: 10.0.0.181
Swap usage: 0%

• Strictly confined MicroK8s makes edge and IoT secure. Learn how MicroK8s
just raised the bar for easy, resilient and secure K8s cluster deployment.
<https://ubuntu.com/engage/secure-kubernetes-at-the-edge>

Expanded Security Maintenance for Applications is not enabled.

131 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See <https://ubuntu.com/esm> or run: sudo pro status

Last login: Fri Feb 14 06:18:32 2025 from 75.15.178.242

ubuntu@amd1:~\$ sudo fallocate -l 4G /swapfile

ubuntu@amd1:~\$ ls -lh /swapfile

-rw-r--r-- 1 root root 4.0G Feb 14 06:26 /swapfile

ubuntu@amd1:~\$ sudo chmod 060 /swapfile

ubuntu@amd1:~\$ ls -lh /swapfile

-rw-r--r-- 1 root root 4.0G Feb 14 06:26 /swapfile

ubuntu@amd1:~\$ sudo mkswap /swapfile

Setting up swapspace version 1, size = 4 GiB (4294963200 bytes)

no label, UUID=3a0d0f19-10ee-4a6b-821f-9978c0d0735e

ubuntu@amd1:~\$ sudo swapon /swapfile

ubuntu@amd1:~\$ sudo swapon --show

NAME Type SIZE USED SWID

/swapfile file _G _G _2

ubuntu@amd1:~\$ free -h

total used free shared buff/cache available

Mem: 9GB 350M 8.6GB 1.1M 601M 600M

Swap: 4.0GB 0 4.0GB

ubuntu@amd1:~\$

ubuntu@amd2 - X + -

Welcome to Ubuntu 24.04.1 LTS (GNU/Linux 6.8.0-1019-oracle x86_64)

• Documentation: <https://help.ubuntu.com>
• Management: <https://landscape.canonical.com>
• Support: <https://ubuntu.com/pro>

System information as of Fri Feb 14 06:25:04 UTC 2025

System load: 0.0 Processes: 122
Usage of /: 12.1% of 47.39GB Users logged in: 0
Memory usage: 20% IPV4 address for ens3: 10.0.0.130
Swap usage: 0%

• Strictly confined MicroK8s makes edge and IoT secure. Learn how MicroK8s
just raised the bar for easy, resilient and secure K8s cluster deployment.
<https://ubuntu.com/engage/secure-kubernetes-at-the-edge>

Expanded Security Maintenance for Applications is not enabled.

131 updates can be applied immediately.
5 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See <https://ubuntu.com/esm> or run: sudo pro status

Last login: Fri Feb 14 06:18:43 2025 from 75.15.178.242

ubuntu@amd1:~\$ sudo fallocate -l 4G /swapfile

ubuntu@amd1:~\$ ls -lh /swapfile

-rw-r--r-- 1 root root 4.0G Feb 14 06:26 /swapfile

ubuntu@amd1:~\$ sudo chmod 060 /swapfile

ubuntu@amd1:~\$ ls -lh /swapfile

-rw-r--r-- 1 root root 4.0G Feb 14 06:26 /swapfile

ubuntu@amd1:~\$ sudo mkswap /swapfile

Setting up swapspace version 1, size = 4 GiB (4294963200 bytes)

no label, UUID=0d791130-1c0e-4acc-8779-9d6d233fcd

ubuntu@amd1:~\$ sudo swapon /swapfile

ubuntu@amd1:~\$ sudo swapon --show

NAME Type SIZE USED SWID

/swapfile file _G _G _2

ubuntu@amd1:~\$ free -h

total used free shared buff/cache available

Mem: 9GB 350M 8.6GB 1.1M 601M 600M

Swap: 4.0GB 0 4.0GB

ubuntu@amd1:~\$

Virtual cloud networks | Oracle

https://cloud.oracle.com/networking/vcns/ocid1.vcn.oc1.iad.amaaaaaan5smrtqa44y4rcjs6czvahi567wynpnqgozeesfyjehtsf7b5q/secure

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Cloud

Search resources, services, documentation, and Marketplace

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					Protocol	
<input type="checkbox"/>	No	0.0.0.0/0	ICMP		3, 4	ICMP traffic for: 3, 4 Destination Unreachable: Fragmentation Needed and Don't Fragment was Set
<input type="checkbox"/>	No	10.0.0.0/16	ICMP		3	ICMP traffic for: 3 Destination Unreachable
<input type="checkbox"/>	No	10.0.0.0/16	All Protocols			All traffic for all ports

0 selected

Showing 4 items < 1 of 1 >

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