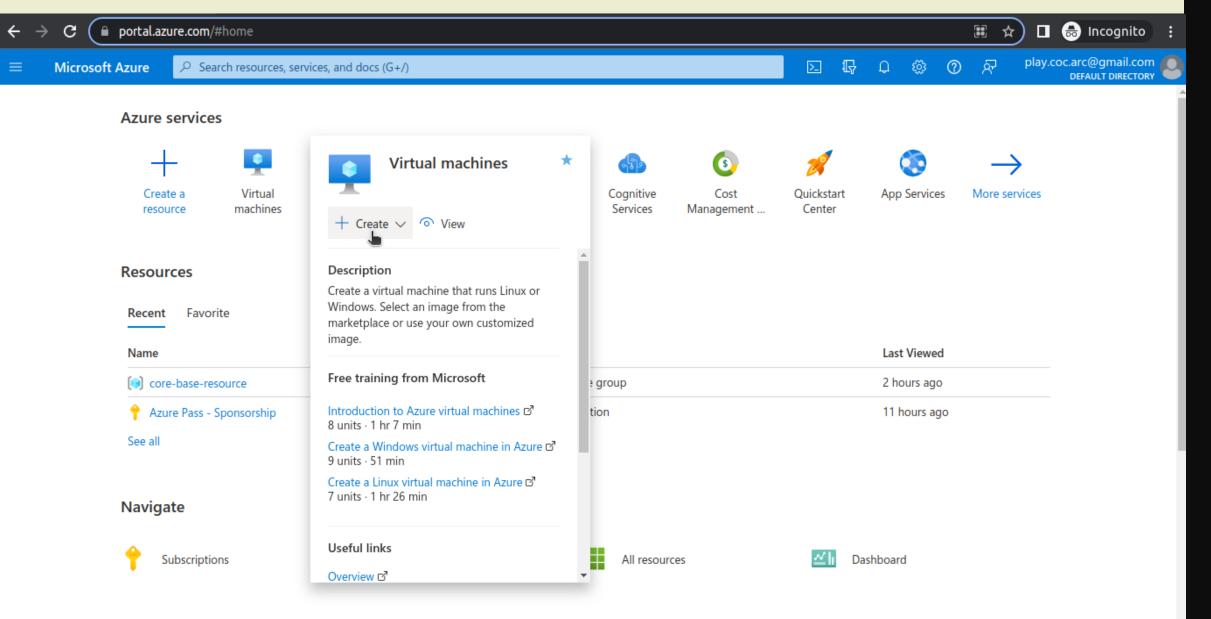# Server – Virtual Machine

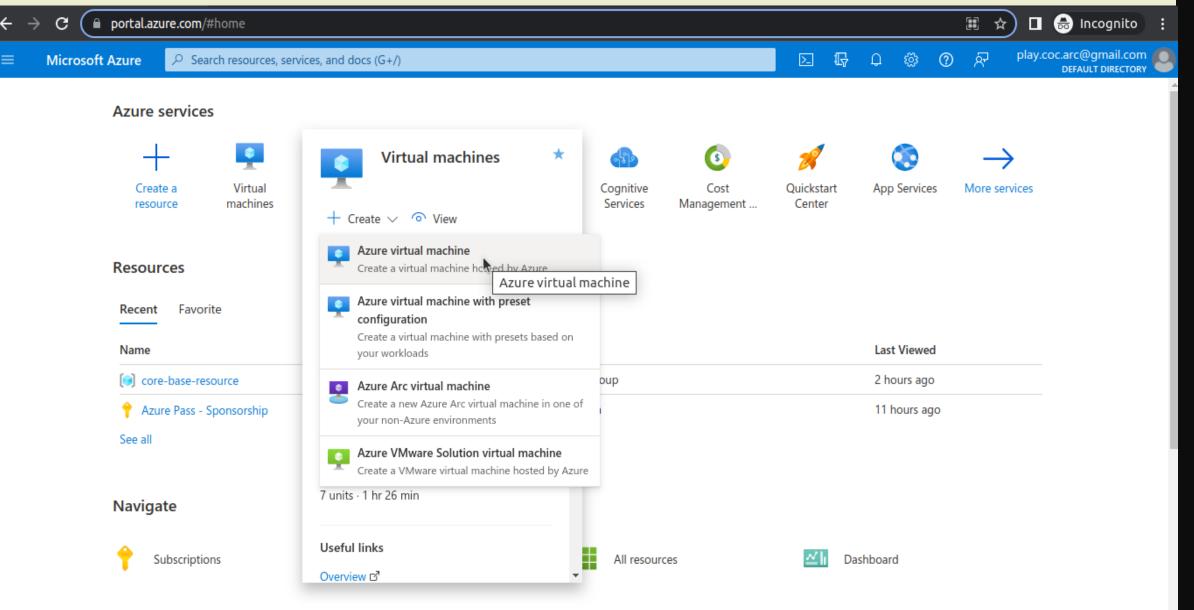With Apache and Azure Virtual Machine (Ubuntu 20.04 Server)

Disclosure: I AM NOT REPOSIBLE FOR YOUR ANY KIND OF LOSS/PROFIT/DEDUCTION DONE FROM YOUR BANK ACCOUN/CREDIT CARD/DEBIT CARD WHILE SIGN IN TO ANY WEBSITE (OR AZURE PLATFORMS) AS TOLD IN THIS PRESENTATION/COURSE. Please read the site policies / documents carefully before sign-in. Azure Machine Learning may require your card for your address or identity verification, so please read the site polices / privacy documents before sign-in.
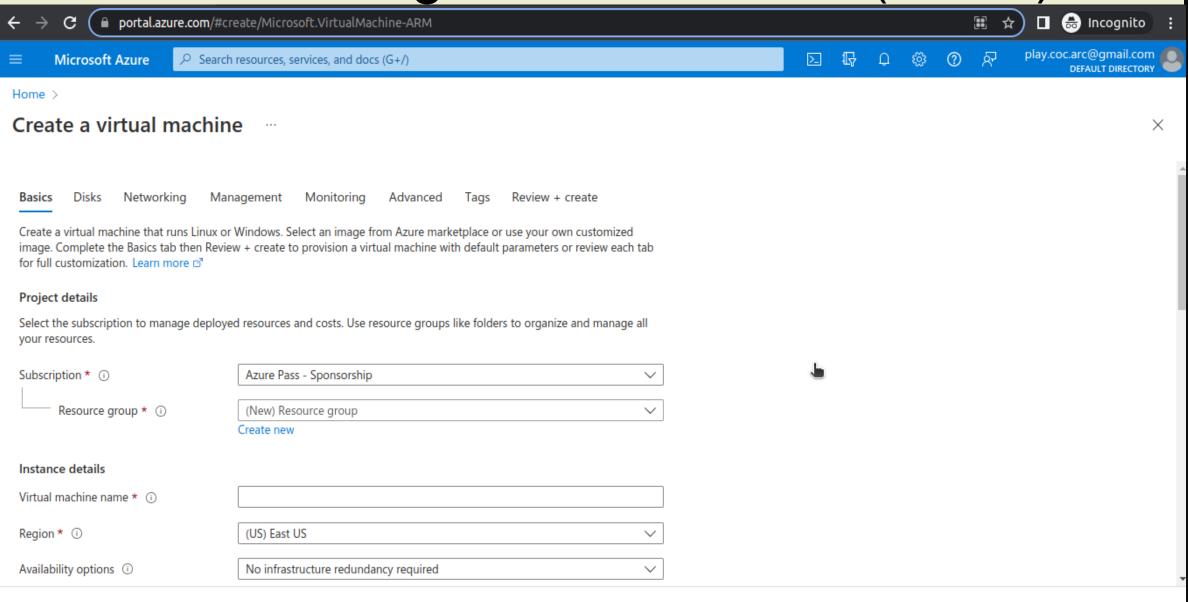
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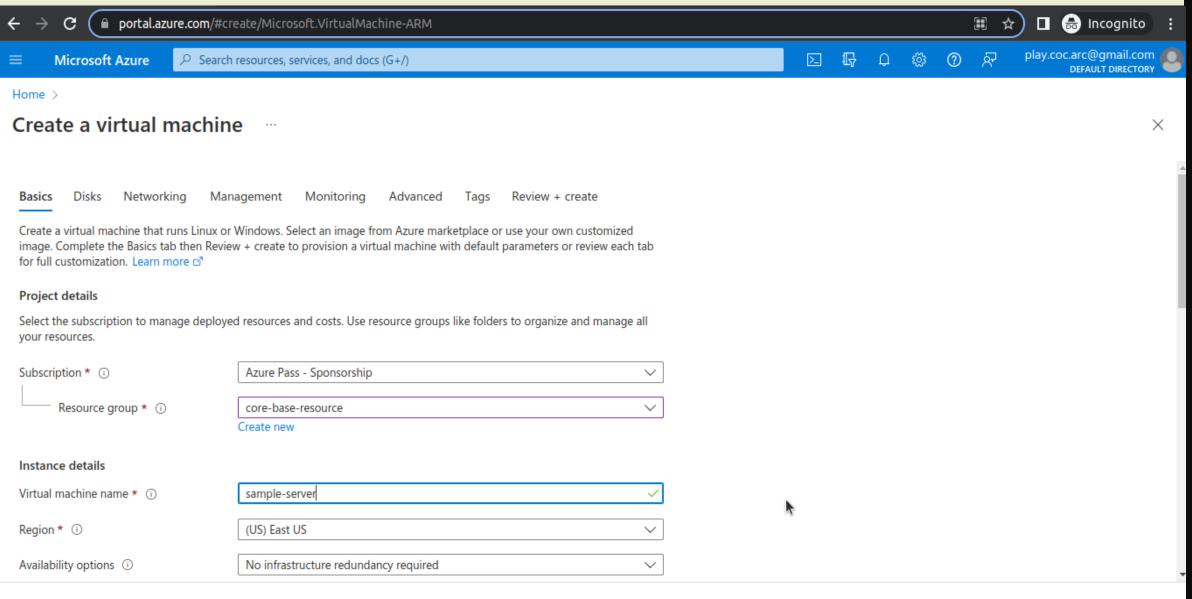
Creating Virtual Machine

Creating Virtual Machine (Conti.)

Creating Virtual Machine (Conti.)

portal.azure.com/#create/Microsoft.VirtualMachine-ARM

Incognito

Microsoft Azure

Search resources, services, and docs (G+/)

play.coc.arc@gmail.com
DEFAULT DIRECTORY

Home >

Create a virtual machine

Basics   Disks   Networking   Management   Monitoring   Advanced   Tags   Review + create

Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. Learn more ⧉

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ | Azure Pass - Sponsorship   ⌄ |

    Resource group * ⓘ | (New) Resource group   ⌄ |
                                Create new

Instance details

Virtual machine name * ⓘ | |

Region * ⓘ | (US) East US   ⌄ |

Availability options ⓘ | No infrastructure redundancy required   ⌄ |

Review + create   < Previous   Next : Disks >   Give feedback

Creating Virtual Machine (Conti.)

Creating Virtual Machine (Conti.)

Creating Virtual Machine (Conti.)

Creating Virtual Machine (Conti.)

Creating Virtual Machine (Conti.)

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Create a virtual machine ⋯

Basics   **Disks**   Networking   Management   Monitoring   Advanced   Tags   Review + create

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks.
The size of the VM determines the type of storage you can use and the number of data disks allowed. Learn more ⬈

VM disk encryption

Azure disk storage encryption automatically encrypts your data stored on Azure managed disks (OS and data disks) at rest by
default when persisting it to the cloud.

Encryption at host ⓘ   ☐

ⓘ Encryption at host is not registered for the selected subscription. Learn more about enabling this feature ⬈

OS disk

OS disk type * ⓘ   Standard HDD (locally-redundant storage)   ⌄

The selected VM size supports premium disks. We recommend Premium SSD for
high IOPS workloads. Virtual machines with Premium SSD disks qualify for the 99.9%
connectivity SLA.

Delete with VM ⓘ   ☑

Review + create   Review + create   us   Next : Networking >   Give feedback

Creating Virtual Machine (Conti.)

portal.azure.com/#create/Microsoft.VirtualMachine-ARM

Incognito

Microsoft Azure   Search resources, services, and docs (G+/)

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Create a virtual machine   ...

✓ Validation passed

| Basics | Disks | Networking | Management | Monitoring | Advanced | Tags | **Review + create** |

ℹ Cost given below is an estimate and not the final price. Please use Pricing calculator for all your pricing needs.

PRODUCT DETAILS

1 X Standard B1ls   Subscription credits apply ℹ
by Microsoft
Terms of use | Privacy policy   **0.3746 INR/hr**
                                 Pricing for other VM sizes

TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed
above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same
billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional
information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not

Create   Create   < Previous   Next >   Download a template for automation   Give feedback

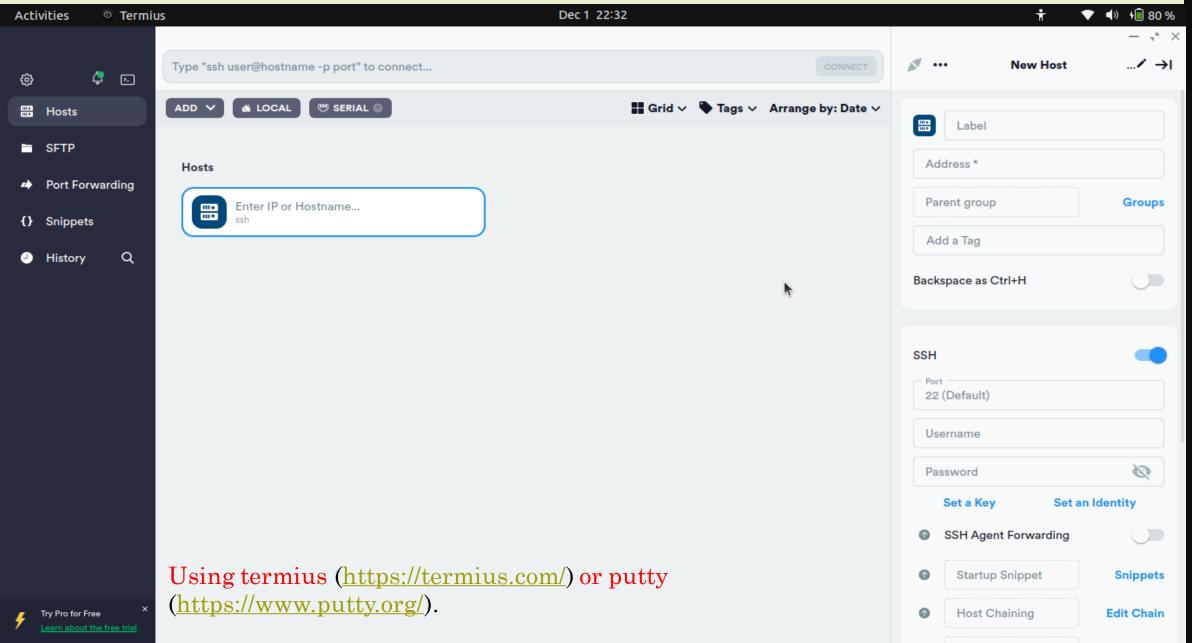# Creating Virtual Machine (Conti.)

Creating Virtual Machine (Conti.)

Creating Virtual Machine (Conti.)

Connecting to Virtual Machine (SSH)

Using termius (https://termius.com/) or putty (https://www.putty.org/).

Connecting to Virtual Machine (SSH) (Conti.)

Using termius (https://termius.com/) or putty (https://www.putty.org/).

Connecting to Virtual Machine (SSH) (Conti.)

Using termius (https://termius.com/) or putty (https://www.putty.org/).

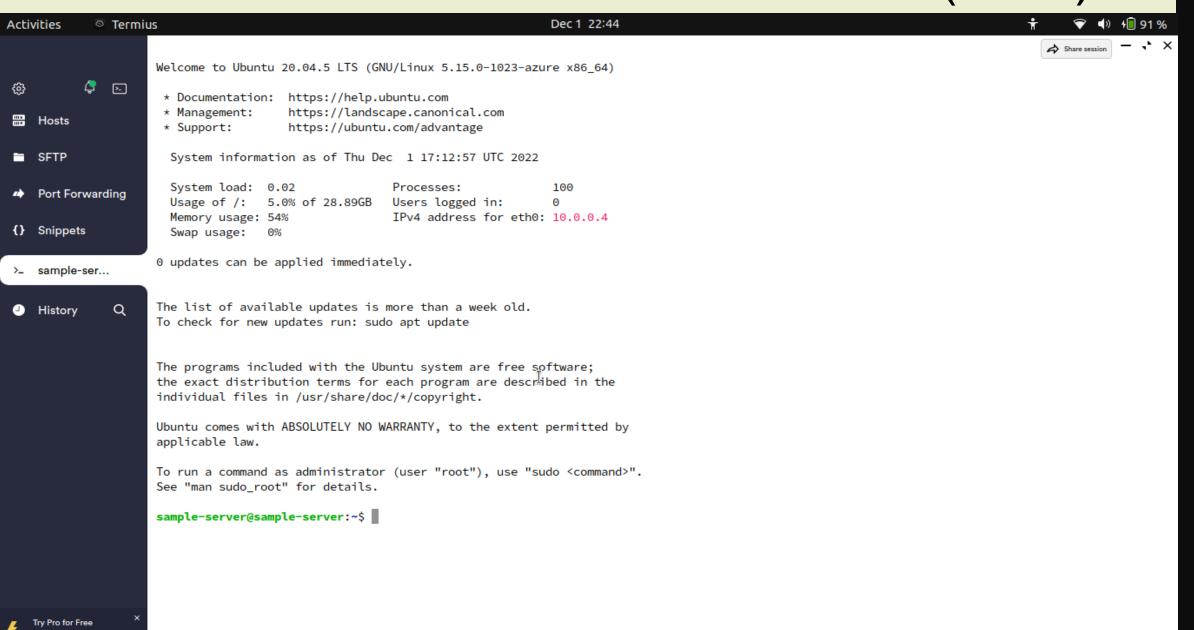# Connecting to Virtual Machine (SSH) (Conti.)

Connecting to Virtual Machine (SSH) (Conti.)

Connected to Virtual Machine (SSH)

References

- https://learn.microsoft.com/en-us/training/modules/describe-cloud-compute/

- https://en.wikipedia.org/wiki/Server_(computing)

- https://learn.microsoft.com/en-us/training/modules/describe-benefits-use-cloud-services/

- Install termius for windows - https://termius.com/windows

- Install termius for ubuntu - https://termius.com/linux

- Install termius for MacOS - https://termius.com/mac-os

- https://ubuntu.com/tutorials/install-and-configure-apache#3-creating-your-own-website

- https://www.wikihow.com/Create-a-Simple-Web-Page-with-HTML