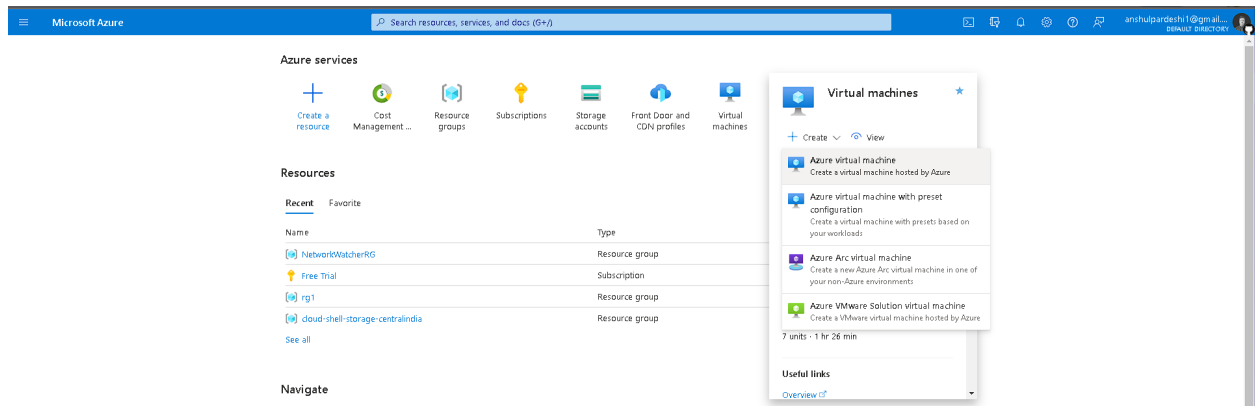


Azure Virtual Machines:1

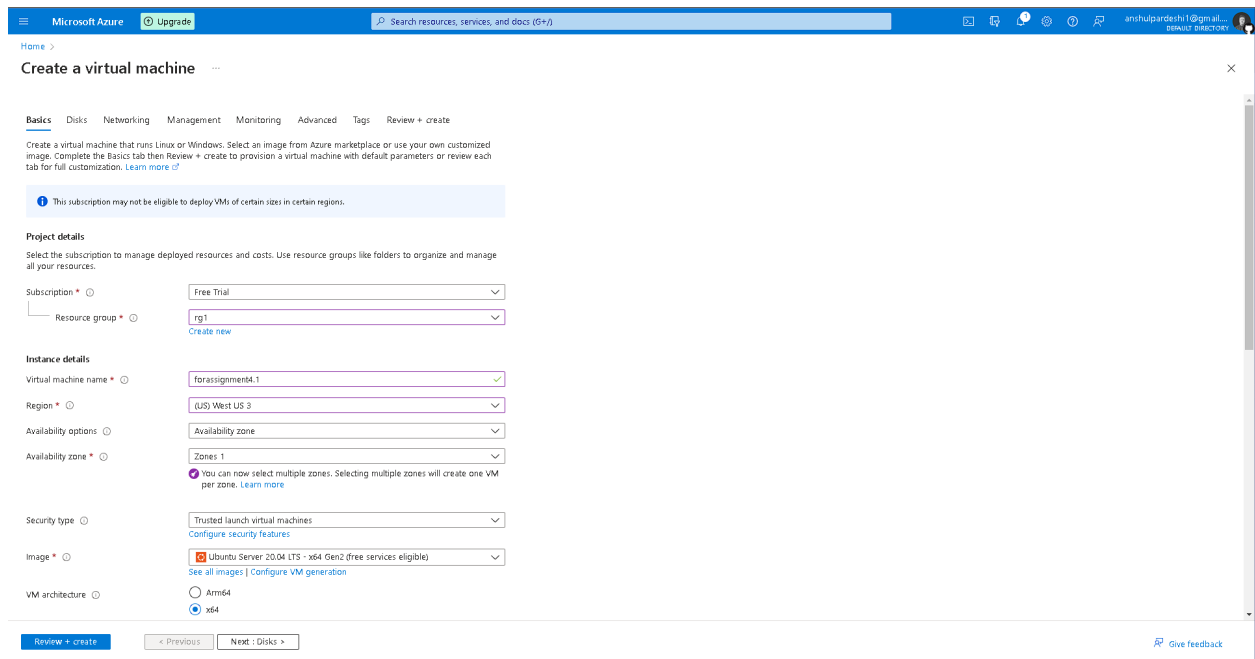
Do the following tasks:

1. Create a VM in the West US region
2. Select the Ubuntu image for creating the VM
3. Open the SSH port
4. Connect to the linux VM using the terminal

Let us create a VM. We can find VM in recent services. Hover on it and click on create and choose Azure virtual Machine.



Choose a resource group in which you want to create and name it according to your choice. While selecting the region we choose WEST US and we choose Image:Ubuntu.



We can go with any authentication methods. We are going with password for now as it is fastest one. Also allow ssh(22) port in inbound rules. Review and create.

Microsoft Azure Upgrade Search resources, services, and docs (5+)

Home > Create a virtual machine

x64

Run with Azure Spot discount

You are in the free trial period. Costs associated with this VM can be covered by any remaining credits on your subscription. [Learn more](#)

Size * Standard_B1s - 1 vcpu, 1 GiB memory (€596.23/month) (free services eligib... [See all sizes](#)

Administrator account

Authentication type ☐ SSH public key ☒ Password

Username * MyUser ✓

Password * ✓

Confirm password * ✓

Inbound port rules

Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

Public inbound ports * ☐ None ☒ Allow selected ports

Select inbound ports * SSH (22)

This will allow all IP addresses to access your virtual machine. This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

Review + create < Previous Next: Disks > Give feedback

Click on go to resource after deployment is successful.

Microsoft Azure Upgrade Search resources, services, and docs (5+)

Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-20230405173924 | Overview

Deployment

Search

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name: CreateVm-canonical.0001-com-ubuntu-server-f... Start time: 4/5/2023, 5:42:00 PM

Subscription: Free Trial Correlation ID: 9a9cc0be-0ab5-4e79-a971-e52a1923624d

Resource group: forassignment4.1_group

Deployment details

Next steps

Setup auto-shutdown Recommended

Monitor VM health, performance and network dependencies Recommended

Run a script inside the virtual machine Recommended

Go to resource Create another VM

Give feedback

Tell us about your experience with deployment

Cost Management

Get notified to stay within your budget and prevent unexpected charges on your bill. [Set up cost alerts >](#)

Microsoft Defender for Cloud

Secure your apps and infrastructure [Go to Microsoft Defender for Cloud >](#)

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Copy the public ip to ssh through PUTTY.

The screenshot shows the Azure portal interface for a virtual machine named 'forassignment4.1'. The left sidebar contains navigation options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Settings, Networking, Connect, Disks, Size, Microsoft Defender for Cloud, Advisor recommendations, Extensions + applications, Continuous delivery, Availability + scaling, Configuration, Identity, Properties, and Locks. The main area displays the VM's properties, including its resource group, status (Running), location (West US 3), subscription ID, and tags. A 'Properties' tab is selected, showing details like the computer name 'forassignment4', operating system 'Linux (ubuntu 20.04)', publisher 'canonical', offer '0001-com-ubuntu-server-focal', plan '20.04-lts-gen2', VM generation 'V2', VM architecture 'x64', agent status 'Ready', agent version '2.9.0.4', host group 'None', and host '-'. A 'Networking' tab is also visible, showing the public IP address '20.150.142.130' and the virtual network/subnet 'forassignment4.1-vnet/default'.

Open PUTTY and paste the ip and click on connect.

The screenshot shows the PuTTY Configuration dialog box. The 'Session' category is selected on the left. In the 'Basic options for your PuTTY session' section, the 'Host Name (or IP address)' field is filled with '20.150.142.130' and the 'Port' is '22'. The 'Connection type' is set to 'SSH'. The 'Load, save or delete a stored session' section shows 'Default Settings' as the selected session. The 'Close window on exit' section has 'Only on clean exit' selected. The 'Open' button is highlighted at the bottom right.

Enter the username and pwd that you chose while creating the VM.

The screenshot shows the PuTTY terminal window. The title bar indicates the session is '20.150.142.130 - PuTTY'. The terminal displays the login prompt 'login as:'. The background of the terminal is black with green text. The Azure portal interface is visible in the background, showing the VM details.

You are sshed into VM.

The screenshot shows the PuTTY terminal window after a successful SSH connection. The terminal displays the Ubuntu login prompt 'MyUser@forassignment4:~\$'. The background of the terminal is black with green text. The Azure portal interface is visible in the background, showing the VM details.