

Module 7: Assignment – 5

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Create a virtual machine ...

✓ Validation passed



Help me create a low cost VM

Help me create a VM optimized for high availability

Help me choose the right VM size for my workload

Basics Disks Networking Management Monitoring Advanced Tags Review + create

Price

1 X Standard B1s

by Microsoft

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Subscription credits apply ⓘ

0.8652 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 provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

Name

rabeeh thadiyam purath

Preferred e-mail address

1996sr1997@gmail.com

Preferred phone number



You have set SSH port(s) open to the internet. This is only recommended for testing. If you want to change this setting, go back to Basics tab.

Basics

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Create

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[vm-bash-rabi](#) | Subnets ☆ ...

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Create subnets to segment the virtual network address space into smaller ranges for use by your applications. When you deploy resources into a subnet, Azure assigns the resource an IP address from the subnet.

Search subnets

<input type="checkbox"/>	Name ↑	IPv4	IPv6	Available IPs	Delegated to	Security group	Route table		
<input type="checkbox"/>	a	10.0.3.0/26	-	58	-	-	-		
<input type="checkbox"/>	AzureBastionSubnet	10.0.2.192/26	-	59	-	-	-		

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Create a Bastion ...

Project details

Subscription *	Free Trial	▼
Resource group *	vm-us	▼

[Create new](#)

Instance details

Name *	vm-bash	✓
Region *	East US	▼
Availability zone ⓘ	None	▼
Tier * ⓘ	Standard	▼
Instance count * ⓘ	<input type="range" value="2"/>	2

Configure virtual networks

Virtual network * ⓘ	vm-bash-rabi	▼
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[Create new](#)

Subnet *	AzureBastionSubnet (10.0.2.192/26)	▼
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[Manage subnet configuration](#)

Configure IP Address

IP Address ⓘ	<input checked="" type="radio"/> Public IP address
	<input type="radio"/> Private IP address

Public IP address

Public IP address * ⓘ	<input checked="" type="radio"/> Create new <input type="radio"/> Use existing	
Public IP address name *	vm-bash-rabi-ip	✓

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Virtual machines

Default Directory

+ Create Switch to classic

Filter for any field...

Name ↑

vm

vm | Bastion

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Azure Bastion protects your virtual machines by secure and seamless RDP & SSH connectivity without the need to expose them through public IP addresses. [Learn more](#)

Using Bastion: [vm-bash](#)

Provisioning State: **Succeeded**

Please enter username and password to your virtual machine to connect using Bastion.

Connection Settings

Protocol ☐ RDP ☒ SSH

Port

Authentication Type

Username

Local File

Advanced

SSH Passphrase

☒ Open in new browser tab

Connect

Tell us what you think of the Bastion experience

```
bst-d7434d83-fc45-4209-ae00-b16d97fae287.bastion.azure.com/#/client/dm0AYwBiaWZyb3N0?trustedAuthority=https%2F%2Fhybridnetworki...
Google Translate WebDriver Selenium DeepAI ChatGPT FREE English to Mal... Claude Ikonate - fully custo... gambling game mac repair AI Leo AI
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-1021-azure x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Sat Mar 15 18:53:11 UTC 2025

System load:  0.0               Processes:    107
Usage of /:   5.4% of 28.02GB   Users logged in:  0
Memory usage: 27%              IPv4 address for eth0: 10.0.3.4
Swap usage:   0%

Expanded Security Maintenance for Applications is not enabled.

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

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

vm@vm:~$ hostname -i
10.0.3.4
vm@vm:~$ hostname -I
10.0.3.4
vm@vm:~$
```