

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

Home > Virtual machines > Create a virtual machine ...

Resource group * myResourceGroup Create new

Instance details

Virtual machine name * Inxvm01

Region * (US) West US 3

Availability options Availability zone

Availability zone * Zones 1

You can now select multiple zones. Selecting multiple zones will create one VM per zone. [Learn more](#)

Security type Standard

Image * Ubuntu Server 20.04 LTS - Gen2 (free services eligible)

See all images | Configure VM generation

Run with Azure Spot discount

Size * Standard_B1s - 1 vcpu, 1 GiB memory (US\$7.59/month) (free services eligible)

See all sizes

Administrator account

Authentication type SSH public key

SSH public key

Password

Review + create < Previous Next : Disks > Give feedback

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

Home > Virtual machines > Create a virtual machine ...

Image * Ubuntu Server 20.04 LTS - Gen2 (free services eligible)

See all images | Configure VM generation

Run with Azure Spot discount

Size * Standard_B1s - 1 vcpu, 1 GiB memory (US\$7.59/month) (free services eligible)

See all sizes

Administrator account

Authentication type SSH public key

SSH public key

Password

Azure now automatically generates an SSH key pair for you and allows you to store it for future use. It is a fast, simple, and secure way to connect to your virtual machine.

Username * mahsan

SSH public key source Generate new key pair

Key pair name * Inxvm01_key

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 * Allow selected ports

None

Allow selected ports

Review + create < Previous Next : Disks >

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

Home > Virtual machines > Create a virtual machine

Image * ⓘ Ubuntu Server 20.04 LTS - Gen2 (free services eligible) See all images | Configure VM generation

Run with Azure Spot discount (ⓘ)

Size * ⓘ Standard_B1s - 1 vcpu, 1 GiB memory (US\$7.59/month) (free services eligible) See all sizes

Administrator account

Authentication type (ⓘ) SSH public key Password

i Azure now automatically generates an SSH key pair for you and allows you to store it for future use. It is a fast, simple, and secure way to connect to your virtual machine.

Username * ⓘ mahsan

SSH public key source Generate new key pair

Key pair name * Inxvm01_key

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

Review + create < Previous Next : Disks >



Microsoft Azure

[Upgrade](#)

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

[Home > Virtual machines >](#)

Create a virtual machine

...

[Basics](#) [Disks](#) [Networking](#) [Management](#) [Advanced](#) [Tags](#) [Review + create](#)

Configure monitoring and management options for your VM.

Microsoft Defender for Cloud

Microsoft Defender for Cloud provides unified security management and advanced threat protection across hybrid cloud workloads. [Learn more](#)

Your subscription is protected by Microsoft Defender for Cloud basic plan.

Monitoring

Boot diagnostics (i)

- Enable with managed storage account (recommended)
- Enable with custom storage account
- Disable

Enable OS guest diagnostics (i)

Identity

Enable system assigned managed identity (i)

Azure AD

Login with Azure AD (i)

RBAC role assignment of Virtual Machine Administrator Login or Virtual Machine User Login is required to use Azure AD login. [Learn more](#)

[Review + create](#)< PreviousNext : Advanced >



Microsoft Azure

[Upgrade](#) Search resources, services, and docs (G+)[Home](#) > [Virtual machines](#) >

Create a virtual machine

...



Validation passed

PRODUCT DETAILS

1 X Standard B1s

by Microsoft

[Terms of use](#) | [Privacy policy](#)Subscription credits apply (i)**0.0104 USD/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

ahsan saima

Preferred e-mail address

ahsansaima7849@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.

[Create](#)[< Previous](#)[Next >](#)[Download a template for automation](#)

Microsoft Azure [Upgrade](#) Search resources, services, and docs (G+/)

Home > Virtual machines >

Create a virtual machine

Validation passed

PRODUCT DETAILS

1 X Standard B1s by Microsoft

Subscription credits apply ⓘ
0.0104 USD/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: ahsan salma
Preferred e-mail address: ahsansaima7849@gmail.com
Preferred phone number:

Generate new key pair

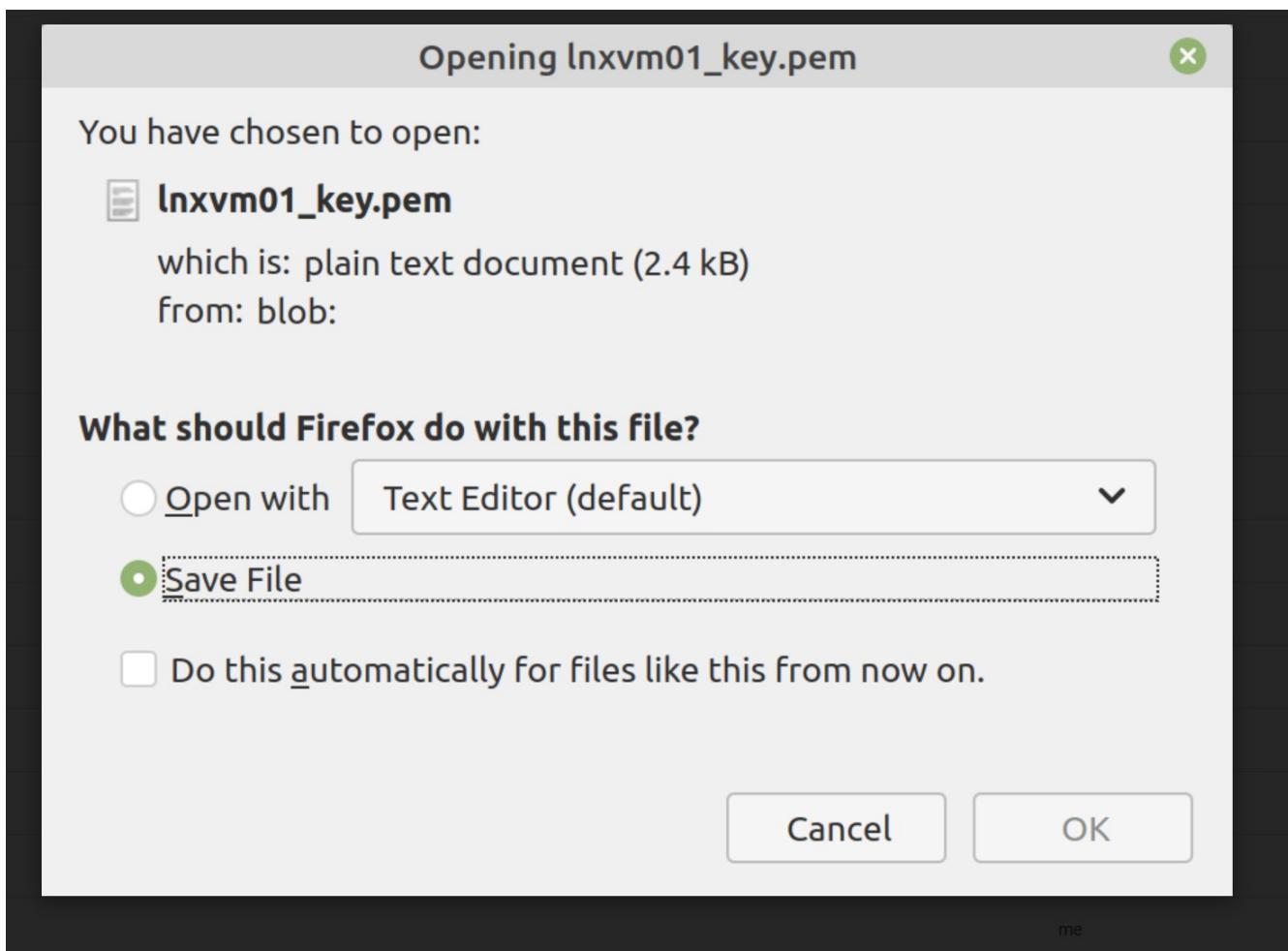
An SSH key pair contains both a public key and a private key. **Azure doesn't store the private key.**
After the SSH key resource is created, you won't be able to download the private key again. [Learn more](#) ⓘ

[Download private key and create resource](#)
[Return to create a virtual machine](#)

⚠ 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.

[Create](#) [< Previous](#) [Next >](#) [Download a template for automation](#)

on microsoft.com/fwlink/?LinkId=2102401



Microsoft Azure

Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-20220801111334 | Overview

Deployment

Search (Ctrl+/

Overview

Inputs

Outputs

Template

Deployment is in progress

Deployment name: CreateVm-canonical.0001-com-ubuntu-server-focal-2-20220801111334 Start time: 8/1/2022, 11:17:08 AM
Subscription: Azure subscription 1 Correlation ID: 3c3126ce-032f-4ef4-b2bf-500b9e8abc13

Resource group: myResourceGroup

Deployment details ([Download](#))

Resource	Type	Status	Operation details
lnxvm01-nsg	Microsoft.Network/networkSecurityGroups	OK	Operation details
lnxvm01-ip	Microsoft.Network/publicIPAddresses	OK	Operation details

mahsan@lnxmint: ~/Downloads

File Edit View Search Terminal Tabs Help

mahsan@lnxmint: ~/Downloads

```
mahsan@lnxmint:~/Downloads$ ll
total 3608
drwxr-xr-x 2 mahsan mahsan 4096 Aug  1 11:17 .
drwxr-xr-x 22 mahsan mahsan 4096 Jul 27 15:38 ../
-rw----- 1 mahsan mahsan 12288 Jul 27 14:22 .asd.swp
-rw-rw-r-- 1 mahsan mahsan 1449 Jul 23 10:28 AzureLinux-Cli-Notes.txt
-rw-rw-r-- 1 mahsan mahsan 30599 Jul 23 12:23 'Create virtual machine using cli.txt'
-rw-rw-r-- 1 mahsan mahsan 2498 Aug  1 11:17 lnxvm01_key.pem
-rw-rw-r-- 1 mahsan mahsan 3184910 Jul 24 12:58 pexels-mike-b-892522.jpg
-rw-rw-r-- 1 mahsan mahsan 442431 Jul 24 12:58 pexels-photo-892522.jpeg
mahsan@lnxmint:~/Downloads$ 
```

Microsoft Azure Upgrade

Search resources, services, and docs (G+)

Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-202208011111334 | Overview

Inxvm01

Virtual machine

Search (Ctrl+ /) Connect Start Restart Stop Capture Delete Refresh Open in mobile CLI / PS

Essentials

Inxvm01 virtual machine agent status is not ready. Troubleshoot the issue →

Resource group (move)	: myResourceGroup	Operating system	: Linux
Status	: Running	Size	: Standard
Location	: West US 3 (Zone 1)	Public IP address	: 20.14.82.194
Subscription (move)	: Azure subscription 1	Virtual network/subnet	: MyAzureVNet/default
Subscription ID	: 2f1c5134-8ec1-4472-a3cc-8c30fc0372c8	DNS name	: Not configured
Availability zone	: 1		
Tags (edit)	: Click here to add tags		

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine

Computer name	Inxvm01
Health state	-
Operating system	Linux
Publisher	canonical
Offer	0001-com-ubuntu-server-focal
Plan	20.04-lts-gen2
VM generation	V2

Networking

Public IP address	20.14.82.194
Public IP address (IPv6)	-
Private IP address	10.0.0.4
Private IP address (IPv6)	-
Virtual network/subnet	MyAzureVNet/default
DNS name	Configure

```
mahsan@lnxvm01:~  
-rw-rw-r-- 1 mahsan mahsan 3184910 Jul 24 12:58 pexels-mike-b-892522.jpg  
-rw-rw-r-- 1 mahsan mahsan 442431 Jul 24 12:58 pexels-photo-892522.jpeg  
mahsan@lnxmint:~/Downloads$ chmod 400 lnxvm01_key.pem  
mahsan@lnxmint:~/Downloads$ ssh -i lnxvm01_key.pem mahsan@20.14.82.194  
The authenticity of host '20.14.82.194 (20.14.82.194)' can't be established.  
ECDSA key fingerprint is SHA256:mZU2BhJWuXJdfN4+UJwyuAA3F667dFWy0+I7yUxa+fI.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added '20.14.82.194' (ECDSA) to the list of known hosts.  
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.15.0-1014-azure x86_64)  
  
* Documentation: https://help.ubuntu.com  
* Management: https://landscape.canonical.com  
* Support: https://ubuntu.com/advantage  
  
System information as of Mon Aug 1 18:18:46 UTC 2022  
  
System load: 0.79 Processes: 109  
Usage of /: 4.9% of 28.89GB Users logged in: 0
```

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

```
mahsan@lnxvm01:~$  
mahsan@lnxvm01:~$ ip addr  
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  
            valid_lft forever preferred_lft forever  
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000  
    link/ether 60:45:bd:c0:fd:f8 brd ff:ff:ff:ff:ff:ff  
        inet 10.0.0.4/24 brd 10.0.0.255 scope global eth0  
            valid_lft forever preferred_lft forever  
        inet6 fe80::6245:bdff:fed0:fdf8/64 scope link  
            valid_lft forever preferred_lft forever  
mahsan@lnxvm01:~$
```

Inxvm01 | Networking

Network Interface: Inxvm01207_z1

Effective security rules Troubleshoot VM connection issues Topology

Virtual network/subnet: MyAzureVNet/default NIC Public IP: 20.14.82.194 NIC Private IP: 10.0.0.4 Accelerated networking: Disabled

Inbound port rules	Outbound port rules	Application security groups	Load balancing	
Network security group Inxvm01-nsg (attached to network interface: Inxvm01207_z1) Impacts 0 subnets, 1 network interfaces				
Priority	Name	Port	Protocol	Source
300	SSH	22	TCP	Any
65000	AllowVnetInBound	Any	Any	VirtualNetwork
65001	AllowAzureLoadBalancerInBound	Any	Any	AzureLoadBalancer
65500	DenyAllInBound	Any	Any	Any

Need help?
[Understand Azure load balancing](#) [Quickstart: Create a public load balancer to load balance Virtual Machines](#) [Quickstart: Direct web traffic with Azure Application Gateway](#)

Add Cancel

Inxvm01 | Networking

Network Interface: Inxvm01207_z1

Effective security rules Troubleshoot VM connection issues Topology

Virtual network/subnet: MyAzureVNet/default NIC Public IP: 20.14.82.194 NIC Private IP: 10.0.0.4 Accelerated networking: Disabled

Inbound port rules	Outbound port rules	Application security groups	Load balancing				
Network security group Inxvm01-nsg (attached to network interface: Inxvm01207_z1) Impacts 0 subnets, 1 network interfaces							
Priority	Name	Port	Protocol	Source	Destination	Action	
300	SSH	22	TCP	Any	Any	Allow	...
310	Port_80	80	TCP	Any	Any	Allow	...
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow	...
65001	AllowAzureLoadBalancerInBound	Any	Any	AzureLoadBalancer	Any	Allow	...
65500	DenyAllInBound	Any	Any	Any	Any	Deny	...

Checking for additional rules...

```
link/ether 60:45:bd:c0:fd:f8 brd ff:ff:ff:ff:ff:ff
inet 10.0.0.4 brd 10.0.0.255 scope global eth0
  valid_lft forever preferred_lft forever
inet6 fe80::5245:bfff:fe00:ffff/64 scope link
  valid_lft forever preferred_lft forever
mhsand@Inxvm01:~$ sudo -i
<@Inxvm01:~# apt-get install nginx
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  fontconfig-config fonts-dejavu-core libfontconfig1 libgd3 libjbig0 libjpeg-turbo0 libjpeg8 libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream libtiff5 libwebp6
  libxml4 nginx-common nginx-core
Suggested packages:
  libgd-tools fcgiwrap nginx-doc ssl-cert
The following NEW packages will be installed:
  fontconfig-config fonts-dejavu-core libfontconfig1 libgd3 libjbig0 libjpeg-turbo0 libjpeg8 libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream libtiff5 libwebp6
  libxml4 nginx nginx-common nginx-core
```

Microsoft Azure Upgrade

Home > Private DNS zones >

Private DNS zones

private.contoso.com ...

[Create](#) [Manage view](#) ...

Filter for any field... Name ↑

private.contoso.com ...

[Overview](#) [Activity log](#) [Access control \(IAM\)](#) [Tags](#) [Diagnose and solve problems](#)

[Settings](#) [Virtual network links](#) [Properties](#) [Locks](#)

[Monitoring](#) [Alerts](#) [Metrics](#)

[Automation](#) [Tasks \(preview\)](#) [Export template](#)

[Support + troubleshooting](#) [New Support Request](#)

Search record sets

Name	Type	TTL	Value	Auto registered
@	SOA	3600	Email: azureprivatedns-host.microsoft.com Host: azureprivatedns.net Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 10 Serial number: 1	False
Inxvm01	A	10	10.0.0.4	True

Microsoft Azure Upgrade

Home > Virtual machines >

Create a virtual machine

Security type ① Standard

Image * ① Ubuntu Server 20.04 LTS - Gen2 (free services eligible)

Run with Azure Spot discount ①

Size * ① Standard_B1s - 1 vcpu, 1 GiB memory (US\$7.59/month) (free services eligible)

Administrator account

Authentication type ① SSH public key Password

Azure now automatically generates an SSH key pair for you and allows you to store it for future use. It is a fast, simple, and secure way to connect to your virtual machine.

Username * ① azureuser

SSH public key source ① Use existing key stored in Azure

Stored Keys ① Inxvm01_key

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 * ① None

[Review + create](#) [< Previous](#) [Next : Disks >](#)

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

Home > Virtual machines >

Create a virtual machine

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

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution.

[Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network * ① ▼
[Create new](#)

Subnet * ① ▼
[Manage subnet configuration](#)

Public IP ① ▼
[Create new](#)

NIC network security group ① Basic None Advanced

Public inbound ports * ① Allow selected ports None

Select inbound ports * ▼

⚠ This will allow all IP addresses to access your virtual machine. This is only

[Review + create](#) [< Previous](#) [Next : Management >](#)

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

Home > Virtual machines >

Create a virtual machine

Basics Disks Networking Management Advanced Tags Review + create

Configure monitoring and management options for your VM.

Microsoft Defender for Cloud

Microsoft Defender for Cloud provides unified security management and advanced threat protection across hybrid cloud workloads. [Learn more](#)

Your subscription is protected by Microsoft Defender for Cloud basic plan.

Monitoring

Boot diagnostics ① Enable with managed storage account (recommended) Enable with custom storage account Disable

Enable OS guest diagnostics ①

Identity

Enable system assigned managed identity ①

Azure AD

Login with Azure AD ①

RBAC role assignment of Virtual Machine Administrator Login or Virtual Machine

[Review + create](#) [< Previous](#) [Next : Advanced >](#)

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

Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-20220801112239 | Overview

Deployment

Search (Ctrl+F) >Delete Cancel Redeploy Refresh

We'd love your feedback! [→](#)

Your deployment is complete

Deployment name: CreateVm-canonical.0001-com-ubuntu-server-f... Start time: 8/1/2022, 11:24:40 AM
Subscription: Azure subscription 1 Correlation ID: 1c1d8152-5a23-40b0-9b42-fdf66e871048 [Download](#)

Resource group: myResourceGroup

Deployment details (Download) 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](#)

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 >](#)

[Free Microsoft tutorials](#) [Start learning today >](#)

Microsoft Azure Upgrade

Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-20220801112239 | Overview >

Inxvm02

Virtual machine

Search (Ctrl+F)

Connect Start Restart Stop Capture Delete Refresh Open in mobile CLI / PS

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 Locks

Essentials

Resource group (move) : myResourceGroup Status : Running Location : West US 3 (Zone 1) Subscription (move) : Azure subscription 1 Subscription ID : 2fc5134-8ec1-4472-a3cc-8c30fe0372c8 Availability zone : 1 Tags (edit) : Click here to add tags

Operating system : Linux (Ubuntu 20.04) Size : Standard_B1s (1 GB memory) Public IP address : 20.163.17.96 Virtual network/subnet : MyAzureVNet/default DNS name : Not configured

Properties **Monitoring** **Capabilities (7)** **Recommendations** **Tutorials**

Virtual machine

Computer name	Inxvm02	Public IP address	20.163.17.96
Health state	-	Public IP address (IPv6)	-
Operating system	Linux (Ubuntu 20.04)	Private IP address	10.0.0.5
Publisher	canonical	Private IP address (IPv6)	-
Offer	0001-com-ubuntu-server-focal	Virtual network/subnet	MyAzureVNet/default
Plan	20_04-its-gen2	DNS name	Configure
VM generation	V2	Size	Standard_B1s
Agent status	Ready		
Assess connection	2/2/20		

Networking

Size

```
</body>
</html>
root@lvmmss02:~# Connection to 20.163.17.1 closed by remote host.
Connection to 20.163.17.1 closed.
mahsan@lnxmint:~/Downloads$ ll
total 3608
drwxr-xr-x  2 mahsan mahsan    4096 Aug  1 11:17  .
drwxr-xr-x 22 mahsan mahsan    4096 Jul 27 15:38  ../
-rw-----  1 mahsan mahsan 12288 Jul 27 14:22 .asd.swp
-rw-rw-r--  1 mahsan mahsan 1449 Jul 23 10:28 AzureLinux-Cli-Notes.txt
-rw-rw-r--  1 mahsan mahsan 30599 Jul 23 12:23 'Create virtual machine using cli.txt'
-r-----  1 mahsan mahsan 2498 Aug  1 11:17 lnxvm01_key.pem
-rw-rw-r--  1 mahsan mahsan 3184910 Jul 24 12:58 pexels-mike-b-892522.jpg
-rw-rw-r--  1 mahsan mahsan 442431 Jul 24 12:58 pexels-photo-892522.jpeg
mahsan@lnxmint:~/Downloads$ ssh -i lnxvm01_key.pem mahsan@20.163.17.96
The authenticity of host '20.163.17.96 (20.163.17.96)' can't be established.
ECDSA key fingerprint is SHA256:/d/Xj93NQhfIv50guZNQKl1xOrlla2cyh5t+6CUEi0Y.
Are you sure you want to continue connecting (yes/no/[fingerprint])? 
```

Microsoft Azure Upgrade

Home > Private DNS zones >

Private DNS zones

Default Directory

Create Manage view ...

Filter for any field...

Name ↑

private.contoso.com ...

Activity log Access control (IAM) Tags Diagnose and solve problems

Settings

Virtual network links Properties Locks

Monitoring Alerts Metrics Tasks (preview) Export template

Support + troubleshooting New Support Request

Search (Ctrl+F)

+ Record set Move Delete zone Refresh

Essentials

Resource group (move) : myresourcegroup Subscription (move) : Azure subscription 1 Subscription ID : 2fc5134-8ec1-4472-a3cc-8c30fe0372c8 Tags (edit) : Click here to add tags

You can search for record sets that have been loaded on this page. If you don't see what you're looking for, you can try scrolling to allow more record sets to load.

Search record sets

Name	Type	TTL	Value	Auto registered
@	SOA	3600	Email: azureprivatedns-host.microsoft.com Host: azureprivatedns.net Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 10 Serial number: 1	False
Inxvm01	A	10	10.0.0.4	True
Inxvm02	A	10	10.0.0.5	True
Inxvm03	A	10	10.0.0.6	True

```

valid_lft forever preferred_lft forever
root@lnxvm03:~# ping lnxvm01
PING lnxvm01.gx0k1pkwfg5urhqcchuiuz4qqf.phxx.internal.cloudapp.net (10.0.0.4) 56(84) bytes of data.
64 bytes from lnxvm01.internal.cloudapp.net (10.0.0.4): icmp_seq=1 ttl=64 time=1.69 ms
64 bytes from lnxvm01.internal.cloudapp.net (10.0.0.4): icmp_seq=2 ttl=64 time=1.04 ms
^C
-< lnxvm01.gx0k1pkwfg5urhqcchuiuz4qqf.phxx.internal.cloudapp.net ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1002ms
rtt min/avg/max/mdev = 1.038/1.364/1.691/0.326 ms
root@lnxvm03:~# ping lnxvm02
PING lnxvm02.gx0k1pkwfg5urhqcchuiuz4qqf.phxx.internal.cloudapp.net (10.0.0.5) 56(84) bytes of data.
64 bytes from lnxvm02.internal.cloudapp.net (10.0.0.5): icmp_seq=1 ttl=64 time=2.36 ms
64 bytes from lnxvm02.internal.cloudapp.net (10.0.0.5): icmp_seq=2 ttl=64 time=1.33 ms
^C
--- lnxvm02.gx0k1pkwfg5urhqcchuiuz4qqf.phxx.internal.cloudapp.net ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 1.334/1.846/2.359/0.512 ms
root@lnxvm03:~# 

```

The screenshot shows the Microsoft Azure Private DNS zones interface for the 'private.contoso.com' zone. The left sidebar lists navigation options like Home, Private DNS zones, Create, Manage view, etc. The main area displays the zone's properties, including its resource group (myresourcegroup), subscription (Azure subscription 1), and various settings like Virtual network links, Properties, Locks, Monitoring, Alerts, Metrics, Automation, Tasks (preview), Export template, and Support + troubleshooting.

Record Sets:

Name	Type	TTL	Value
@	SOA	3600	Email: azureprivatedns-host.microsoft.com Host: azureprivatedns.net Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 10 Serial number: 1
lnxvm01	A	10	10.0.0.4
lnxvm02	A	10	10.0.0.5
lnxvm03	A	10	10.0.0.6

Add record set:

Name: db
Type: A – Alias record to IPv4 address
TTL: 1 Hours
IP address: 10.0.0.4

This screenshot is identical to the one above, but it includes the 'JSON View' button at the top right of the record set table. This button allows users to view the record sets in a structured JSON format.

Record Sets (JSON View):

Name	Type	TTL	Value	Auto registered
@	SOA	3600	Email: azureprivatedns-host.microsoft.com Host: azureprivatedns.net Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 10 Serial number: 1	False
db	A	3600	10.0.0.4	False
lnxvm01	A	10	10.0.0.4	True
lnxvm02	A	10	10.0.0.5	True
lnxvm03	A	10	10.0.0.6	True

```

root@lnxvm03:~# ping lnxvm01.private.contoso.com
PING lnxvm01.private.contoso.com (10.0.0.4) 56(84) bytes of data.
64 bytes from lnxvm01.internal.cloudapp.net (10.0.0.4): icmp_seq=1 ttl=64 time=0.715 ms
64 bytes from lnxvm01.internal.cloudapp.net (10.0.0.4): icmp_seq=2 ttl=64 time=1.04 ms
64 bytes from lnxvm01.internal.cloudapp.net (10.0.0.4): icmp_seq=3 ttl=64 time=1.14 ms
^C
-< lnxvm01.private.contoso.com ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2003ms
rtt min/avg/max/mdev = 0.715/0.963/1.136/0.179 ms
root@lnxvm03:~# ping lnxvm03.private.contoso.com
PING lnxvm03.private.contoso.com (10.0.0.6) 56(84) bytes of data.
64 bytes from lnxvm03.internal.cloudapp.net (10.0.0.6): icmp_seq=1 ttl=64 time=0.012 ms
64 bytes from lnxvm03.internal.cloudapp.net (10.0.0.6): icmp_seq=2 ttl=64 time=0.045 ms
^C
--- lnxvm03.private.contoso.com ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1000ms
rtt min/avg/max/mdev = 0.012/0.028/0.045/0.016 ms
root@lnxvm03:~#

```

Microsoft Azure Upgrade

Search resources, services, and docs (G+)

Home > payroll Resource group

Overview

Subscription (move) : Azure subscription 1

Subscription ID : 2f1c5134-8ec1-4472-a3cc-8c30fc0372c8

Tags (edit) : Click here to add tags

Deployments : 5 Succeeded

Location : West US 3

Resources **Recommendations**

Filter for any field... Type equals all Location equals all Add filter

Showing 0 to 0 of 0 records. Show hidden types

Name ↑ Type ↑

No resources match your filters

Try changing or clearing your filters.

Create resources Clear filters

Notifications

More events in the activity log → Dismiss all

- Deleted resource group payroll (Running X) Deleting resource group payroll a few seconds ago
- Deleted resource group ahsan (Running X) Deleted resource group ahsan a few seconds ago
- Executed delete command on 20 selected items (Running X) Succeeded: 20, Failed: 0, Canceled: 0. a minute ago
- Executed delete command on 15 selected items (Running X) Succeeded: 15, Failed: 0, Canceled: 0. a minute ago
- Create record set (Running X) Successfully created record set 'd1' 22 minutes ago
- Deployment succeeded (Running X) Deployment 'CreateVm-canonical.0001-com-ubuntu-server-focal-2-20220801113323' to resource group 'myResourceGroup' was successful. Go to resource Pin to dashboard 29 minutes ago
- Deployment succeeded (Running X)

Microsoft Azure Upgrade

Search resources, services, and docs (G+)

Home > DNS zones Default Directory

DNS zones

Subscription equals all **Resource group equals all** **Location equals all** Add filter

Filter for any field...

Name ↑	Numb... ↑	Resource group ↑	Location ↑
contoso.xyz	2 / 10000	msaResourceGroup	Global

No grouping List view

Subscription ↑ Azure subscription 1

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

Home > contoso.xyz DNS zone

Overview Record set Child zone Move Delete zone Refresh

Essentials

Resource group (move) : msaresourcegroup
Subscription (move) : Azure subscription 1
Subscription ID : 2ffc5134-8ec1-4472-a3cc-8c30fc0372c8

Name server 1 : ns1-38.azure-dns.com.
Name server 2 : ns2-38.azure-dns.net.
Name server 3 : ns3-38.azure-dns.org.
Name server 4 : ns4-38.azure-dns.info.

Tags (edit) Click here to add tags

You can search for record sets that have been loaded on this page. If you don't see what you're looking for, you can try scrolling to allow more record sets to load.

Search record sets

Name	Type	TTL	Value	Alias resource type	Alias target
@	NS	172800	ns1-38.azure-dns.com. ns2-38.azure-dns.net. ns3-38.azure-dns.org. ns4-38.azure-dns.info		...
@	SOA	3600	Email: azuredns-hostmaster.microsoft... Host: ns1-38.azure-dns.com. Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 300 Serial number: 1		...
www	A	3600	10.10.10.10		...

Activity log Access control (IAM) Tags Diagnose and solve problems

Monitoring

Alerts Metrics

Automation

Tasks (preview) Export template

Support + troubleshooting Resource health

JSON View

CA\$257.60 credit remaining Subscription 'Azure subscription 1' has a remaining credit of CA\$257.60. Upgrade to a Pay-As-You-Go subscription.