


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](#)

 This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

Project details

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

Subscription *	Free Trial
Resource group *	(New) virtualmachine

[Create new](#)

Instance details

Virtual machine name *	vm1
Region *	(US) East US

Review + create

< Previous

Next : Disks >



- Click create vm
- Need to select subscription
- Create Resource group
- Name vm
- Select region

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 * ⓘ

 Windows 10 Pro, version 22H2 - x64 Gen2 (free services eligible) ▾

[See all images](#) | [Configure VM generation](#)

 This image is compatible with additional security features. [Click here to swap to the Trusted launch security type.](#)

VM architecture ⓘ

☐ Arm64


☒ x64


 Arm64 is not supported with the selected image.



Run with Azure Spot discount ⓘ


☐

 Select
availability
zone

 Select
security
type


 Select
iso

 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 eligible) 


[See all sizes](#)


Enable Hibernation (preview) 


☐


 To enable Hibernation, you must register your subscription. [Learn more](#) 


Administrator account


Username * 

azureuser 

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

 Select
size of
machine
 Give
username
and
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 *



RDP (3389) ▼

i All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

Licensing

☒ I confirm I have an eligible Windows 10/11 license with multi-tenant hosting rights. *

[Review multi-tenant hosting rights for Windows 10/11 compliance](#) ↗

 Select
inbound
port
 For
RDP

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 size

Image default (127 GiB)

OS disk type *

Premium SSD (locally-redundant storage)

Delete with VM

☒

Key management

Platform-managed key

Enable Ultra Disk compatibility

☐

Data disks for vm1

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

LUN	Name	Size (GiB)	Disk type	Host caching	Delete with VM
<div>Create and attach a new disk</div> <div>Attach an existing disk</div>					

Advanced

select 3389

Click on check box and click next

Basics Disks **Networking** Management Monitoring 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 * ⓘ

(new) vm1-vnet 

[Create new](#)

Subnet * ⓘ

(new) default (10.0.0.0/24) 

Public IP ⓘ

(new) vm1-ip 

[Create new](#)

NIC network security group ⓘ

☐ None

☒ Basic

☐ Advanced



In disk
tab leave
as it is
because
of it is a
sample
VM



Click
next

Public inbound ports * ⓘ

☐

None

☒

Allow selected ports

Select inbound ports *

RDP (3389)



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.

Delete public IP and NIC when VM is deleted ⓘ

☐

Enable accelerated networking ⓘ

☐

The selected VM size does not support accelerated networking.

Load balancing

You can place this virtual machine in the backend pool of an existing Azure load balancing solution. [Learn more](#) ↗

Load balancing options ⓘ

☒

None





In
networkin
g tab
leave as it
is and
click next

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


Configure 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.


Identity

Enable system assigned managed identity 



☐

 To enable system-assigned managed identity, change your orchestration mode to Uniform on the Basics tab

Azure AD

Login with Azure AD 

☐

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



Click
next

Azure AD

Login with Azure AD ⓘ

☐

i RBAC role assignment of Virtual Machine Administrator Login or Virtual Machine User Login is required when using Azure AD login. [Learn more](#) ↗

Auto-shutdown

Enable auto-shutdown ⓘ

☐

Backup

Enable backup ⓘ

☐

Guest OS updates

Enable hotpatch ⓘ

☐

i Hotpatch is not available for this image. [Learn more](#) ↗

Patch orchestration options ⓘ

i Some patch orchestration options are not available for this image. [Learn more](#) ↗



In
managem
ent is also
click next
as it is

Configure monitoring options for your VM.

Alerts

Enable recommended alert rules ⓘ

☒

Alert rules

Alert me if

- Percentage CPU is greater than 20%
- Available Memory Bytes is less than 1GB
- Data Disk IOPS Consumed Percentage is greater than 95%
- OS Disk IOPS Consumed Percentage is greater than 95%
- Network In Total is greater than 500GB
- Network Out Total is greater than 200GB
- VmAvailabilityMetric is less than 1

Notify me by

- Email: sasikumarvasu@hotmail.com

Edit

Diagnostics



Diagnostics

Boot diagnostics ⓘ

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

Enable OS guest diagnostics ⓘ

☐

Health

Enable application health monitoring ⓘ

☐

In
monitorin
g click on
enable
recomme
nded alert
rules.

Basics Disks Networking Management Monitoring Advanced Tags Review + create

Add additional configuration, agents, scripts or applications via virtual machine extensions or cloud-init.

Extensions

Extensions provide post-deployment configuration and automation.

Extensions ⓘ

[Select an extension to install](#)

VM applications

VM applications contain application files that are securely and reliably downloaded on your VM after deployment. In addition to the application files, an install and uninstall script are included in the application. You can easily add or remove applications on your VM after create. [Learn more](#) ↗

[Select a VM application to install](#)

Custom data

Pass a script, configuration file, or other data into the virtual machine **while it is being provisioned**. The data will be saved on the VM in a known location. [Learn more about custom data for VMs](#) ↗

Custom data



Set
rule that
you want



Select
notify me
by mail
and give
The mail
id

User data

Pass a script, configuration file, or other data that will be accessible to your applications **throughout the lifetime of the virtual machine**. Don't use user data for storing your secrets or passwords. [Learn more about user data for VMs](#) ↗

Enable user data

☐

Performance (NVMe)

Enable capabilities to enhance the performance of your resources.

Higher remote disk storage performance
with NVMe ⓘ

☐

i The selected image and size are not supported for NVMe.
[See supported VM images and sizes](#) ↗

Host

Azure Dedicated Hosts allow you to provision and manage a physical server within our data centers that are dedicated to your Azure subscription. A dedicated host gives you assurance that only VMs from your subscription are on the host, flexibility to choose VMs from your subscription that will be provisioned on the host, and the control of platform maintenance at the level of the host. [Learn more](#) ↗

Host group ⓘ

No host groups found



Click
next

Host group ⓘ

No host groups found



Capacity reservations

Capacity reservations allow you to reserve capacity for your virtual machine needs. You get the same SLA as normal virtual machines with the security of reserving the capacity ahead of time. [Learn more](#) ↗

Capacity reservation group ⓘ

None



Proximity placement group

Proximity placement groups allow you to group Azure resources physically closer together in the same region. [Learn more](#) ↗

Proximity placement group ⓘ

No proximity placement groups found



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

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#) ↗

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name ⓘ

Value ⓘ

Resource

:

13 selected



- ☒ Select all
- ☒ Auto-shutdown schedule
- ☒ Availability set
- ☒ Disk
- ☒ Network interface
- ☒ Network security group
- ☒ Public IP address
- ☒ Recovery Services vault
- ☒ SQL Virtual Machine
- ☒ SSH key

Review + create

< Previous


Next : Review + create >



Click
next

✓ 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.

Price

1 X Standard B1s

by Microsoft

[Terms of use](#) | [Privacy policy](#)

Subscription credits apply 

0.8168 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.



You have set RDP 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




Subscription	Free Trial
Resource group	(new) virtualmachine
Virtual machine name	vm1
Region	East US
Availability options	Availability zone
Availability zone	1
Security type	Standard
Image	Windows 10 Pro, version 22H2 - Gen2
VM architecture	x64
Size	Standard B1s (1 vcpu, 1 GiB memory)
Username	azureuser
Public inbound ports	RDP
Already have a Windows license?	Yes



Check
the tag



Click
next

License type	Windows Client	<div> Click review and create</div> <div> Once validation passed</div> <div> Click create</div>
Azure Spot	No	
Disks		
OS disk size	Image default	
OS disk type	Premium SSD LRS	
Use managed disks	Yes	
Delete OS disk with VM	Enabled	
Ephemeral OS disk	No	
Networking		
Virtual network	(new) vm1-vnet	
Subnet	(new) default (10.0.0.0/24)	
Public IP	(new) vm1-ip	
Accelerated networking	Off	
Place this virtual machine behind an existing load balancing solution?	No	

Existing load balancing solution.

Delete public IP and NIC when VM is deleted	Disabled
---	----------

Management

Microsoft Defender for Cloud	Basic (free)
System assigned managed identity	Off
Login with Azure AD	Off
Auto-shutdown	Off
Backup	Disabled
Enable hotpatch	Off
Patch orchestration options	OS-orchestrated patching: patches will be installed by OS

Monitoring

Alerts	On
Boot diagnostics	On
Enable OS guest diagnostics	Off
Enable platform logs collection	Off

Monitoring

Alerts	On
Boot diagnostics	On
Enable OS guest diagnostics	Off
Enable application health monitoring	Off

Advanced

Extensions	None
VM applications	None
Cloud init	No
User data	No
Disk controller type	SCSI
Proximity placement group	None
Capacity reservation group	None

Create

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Next >

[Download a template for automation](#)

Deployment

Search

<<

Delete

Cancel

Redeploy

Download

Refresh

Overview

Inputs

Outputs

Template

Deployment is in progress

Deployment name: CreateVm-MicrosoftWindowsDesktop.Windows...

Subscription: [Free Trial](#)

Resource group: [virtualmachine](#)

Start time: 11/01/2024, 01:08:28

Correlation ID: 7fc0c031-4602-4914-8962-40dc6b07f2b4


Deployment details


Resource	Type	Status	Operation details
vm1	Microsoft.Compute/virtualMachines	Created	Operation details
vm1921_z1	Microsoft.Network/networkInterfa...	Created	Operation details
vm1-vnet	Microsoft.Network/virtualNetworks	OK	Operation details
vm1-ip	Microsoft.Network/publicIpAddre...	OK	Operation details
vm1-nsg	Microsoft.Network/networkSecuri...	OK	Operation details
vm1-AlertsActionGroup	Microsoft.Resources/deployments	Created	Operation details


Give feedback

[Tell us about your experience with deployment](#)

--	--

 Next
deployment
is
started

 Once
it
complete

 Click
on view

	resource
--	----------

^ Essentials

Resource group (move)	: virtualmachine	Operating system	: Windows (Windows 10 Pro)
Status	: Running	Size	: Standard B1s (1 vcpu, 1 GiB memory)
Location	: East US (Zone 1)	Public IP address	: 172.208.72.121
Subscription (move)	: Free Trial	Virtual network/subnet	: vm1-vnet/default
Subscription ID	: 610280a0-20bf-4f6f-b3d2-fb054e20e60a	DNS name	: Not configured
Availability zone	: 1	Health state	: -
Tags (edit)	: Add tags		



Properties Monitoring (1 alert) Capabilities (7) Recommendations Tutorials

Virtual machine

Computer name	vm1
Operating system	Windows (Windows 10 Pro)
Image publisher	MicrosoftWindowsDesktop
Image offer	Windows-10
Image plan	win10-22h2-pro-g2
VM generation	V2

Networking

Public IP address	172.208.72.121 (Network interface vm1921_z1)
Public IP address (IPv6)	-
Private IP address	10.0.0.4
Private IP address (IPv6)	-
Virtual network/subnet	vm1-vnet/default
DNS name	Configure

 Copy
public ip
 Using
RDC
connect
the
machine
remotely

Show data for : Last 24 hours

Health events ⓘ

6 events

Azure outages ⓘ

No issues

^ Alerts (1)

Total fired alerts



1

Critical

0

Error

0

Warning

0

Informational

1

Verbose

0

Name ↑↓

Severity ↑↓

User response ↑↓

Fired time ↑↓

[Available Memory Bytes - vm1](#)

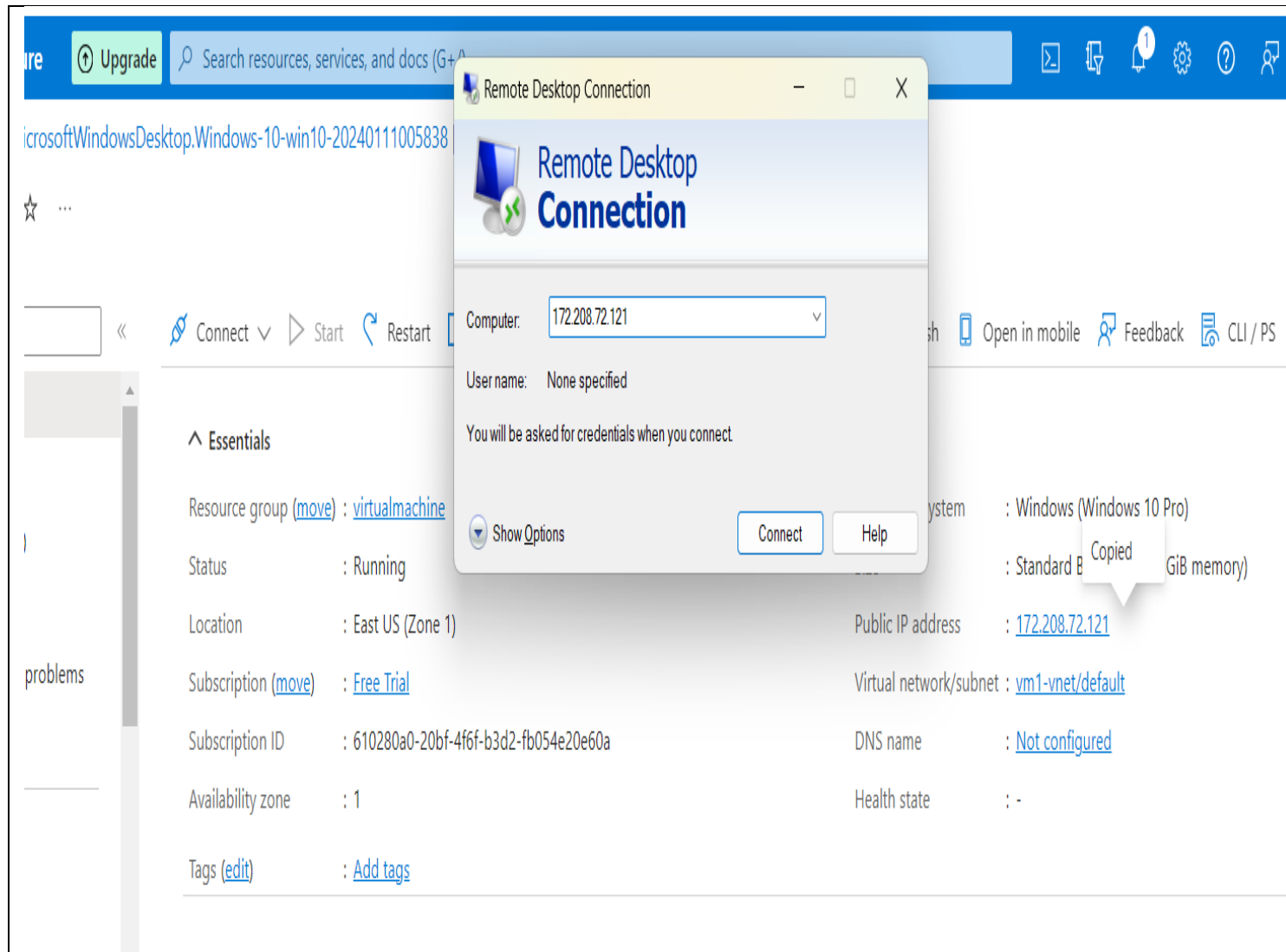
3 - Informational

New

11/01/2024, 01:17

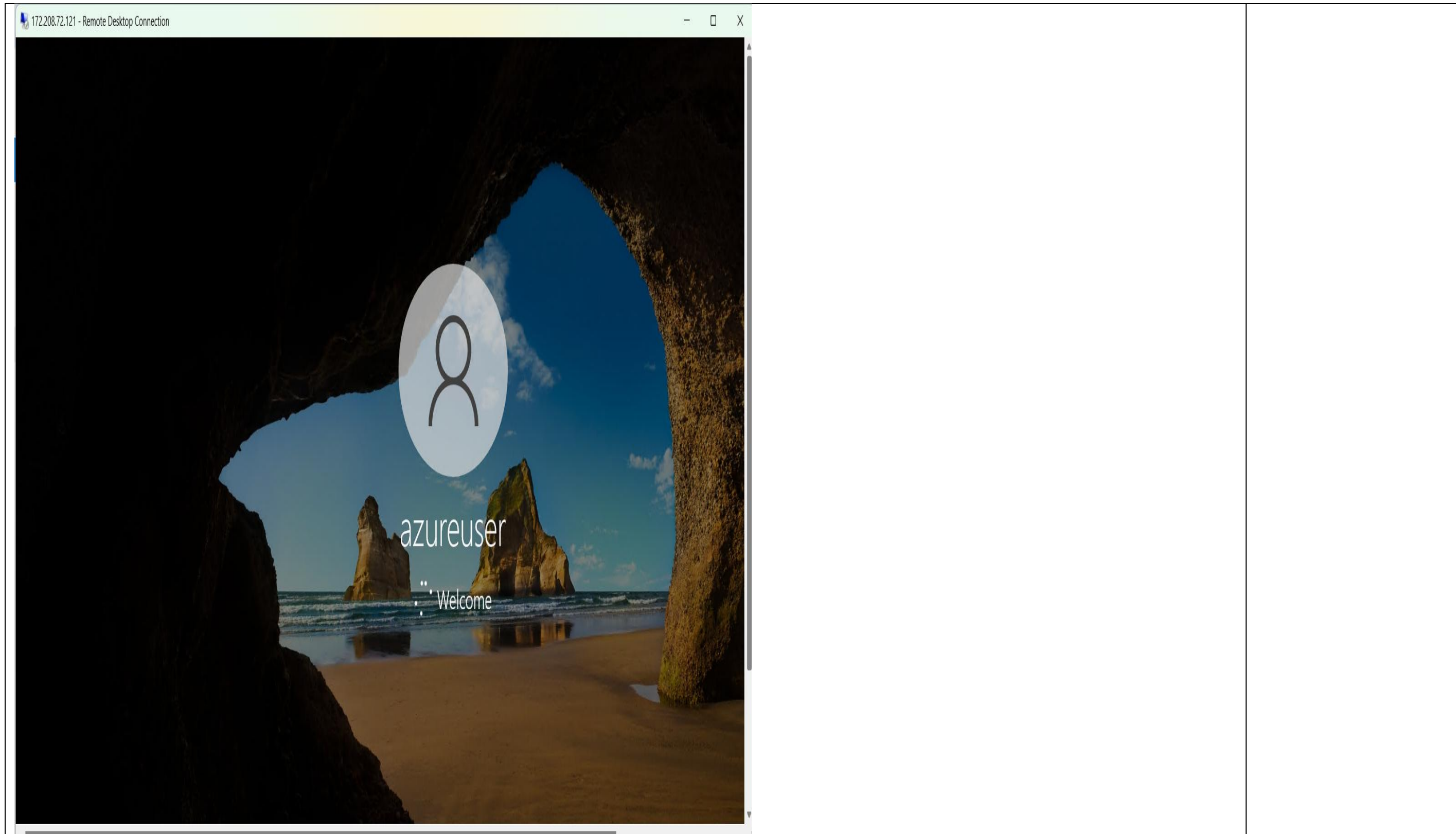


Check
monitorin
g tab



Connect through ip

Trigge
r machine
to create
obtain the
maximum
limit...



Favourites

Inbox10

Sent Items

Drafts

Add favourite

Folders

Inbox10

Junk Email

Drafts

Sent Items

Deleted Items

Archive

Notes

Upgrade to Microsoft 365 with premium Outlook features

Inbox★

MO

Microsoft Outlook

Upgrade Your Account

Get the latest premium Outlook feat...

Microsoft Azure

Fired:Sev3 Azure Monitor ...

02:06

Alert Fired at January 10, 2024 20:...

MA

Microsoft Azure

Resolved:Sev3 Azure Moni...

01:36

Alert Fired at January 10, 2024 20:...

MA

Microsoft Azure

Fired:Sev3 Azure Monitor ...

01:17

Alert Fired at January 10, 2024 19:...

MA

Microsoft Azure

Fired:Sev3 Azure Monitor ...

01:16

Alert Fired at January 10, 2024 19:...

MA

Microsoft Azure

You're now in the recalert...

01:09

You've been added to an Azure M...

Yesterday

Fired:Sev3 Azure Monitor Alert Percentage CPU - vm1 on vm1 (microsoft.compute/virtualmachines) at 1/10/2024 8:35:43 PM

Summary

Alert name	Percentage CPU - vm1
Severity	Sev3
Monitor condition	Fired
Affected resource	vm1
Resource type	microsoft.compute/virtualmachines
Resource group	virtualmachine
Monitoring service	Platform
Signal type	Metric
Fired time	January 10, 2024 20:35 UTC
Alert ID	9b31c817-694d-4800-b780-5c1123d9f000
Alert rule ID	https://portal.azure.com/#resource/subscriptions/610280a0-20bf-4f6f-b3d2-fb054e20e60a/resourcegroups/virt

We receive alert mail

General details

Severity	Fired time	Affected resource	Monitor service	Alert condition
3 - Informational	11/01/2024, 02:05	vm1	Platform	Fired

