

Create a virtual machine

Microsoft Azure

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

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Create a virtual machine

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

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 *

Manohar Subscription

Resource group *

Demo-RG

[Create new](#)

Instance details

Virtual machine name *

VM1

Region *

(Asia Pacific) Central India

Availability options

No infrastructure redundancy required

Security type

Trusted launch virtual machines

[Configure security features](#)

Image *

Windows Server 2022 Datacenter: Azure Edition - x64 Gen2

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

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Create a virtual machine ...

[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](#)

Security type ⓘ

Trusted launch virtual machines

[Configure security features](#)

Image * ⓘ

Windows Server 2022 Datacenter: Azure Edition - x64 Gen2

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

VM architecture ⓘ

☐ Arm64☒ x64**i** Arm64 is not supported with the selected image.

Run with Azure Spot discount ⓘ

☐

Size * ⓘ

Standard_B2ms - 2 vcpus, 8 GiB memory (₹5,927.45/month)

[See all sizes](#)

Enable Hibernation ⓘ

☐**i** Hibernate is not supported by the size that you have selected. Choose a size that is compatible with Hibernation to enable this feature. [Learn more](#)

Administrator account

Username * ⓘ

manohar

Password *

Confirm password *

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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 *

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.

Licensing

Save up to 49% with a license you already own using Azure Hybrid Benefit. [Learn more](#)

Would you like to use an existing Windows Server license? ⓘ

☐

[Review Azure hybrid benefit compliance](#)

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Create a virtual machine

Validation passed

Help me create a low cost VM

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Price

1 X Standard B2ms

by Microsoft

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

Subscription credits apply

8.1198 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

Manohar Subscription

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Copilot

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CLOUDHUB.BIZ (CLOUDHUB.BIZ)

[Home](#) >

CreateVm-MicrosoftWindowsServer.WindowsServer-202-20250128130539 | Overview

Search

Delete

Cancel

Redeploy

Download

Refresh

Overview

Inputs

Outputs

Template

Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe...

Subscription: Manohar Subscription

Resource group: Demo-RG

Start time: 1/28/2025, 1:07:03 PM

Correlation ID: eb77f6d6-1dc9-41b2-ab0a-57307775466

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

Deployment succeeded

Deployment 'CreateVm-MicrosoftWindowsServer.WindowsServer-202-20250128130539' to resource group 'Demo-RG' was successful.

Go to resource

Pin to dashboard

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 >

Work with an expert

Azure experts are service provider partners who can help manage your assets on Azure

Install IIS Web server on the vm

Microsoft Azure

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20250128130539 | Overview > VM1

VM1 | Run command

Virtual machine

Search

Now it's possible to execute multiple scripts at the same time, manage their progress and persist execution outputs. Scripts and parameters and PowerShell.

Run Command uses the VM agent to let you run a script inside this virtual machine. This can be helpful for troubleshooting and recovery details.

Name	Description
RunPowerShellScript	Executes a PowerShell script
DisableNLA	Disable Network Level Authentication
DisableWindowsUpdate	Disable Windows Update Automatic Upd
EnableAdminAccount	Enable administrator account
EnableEMS	Enable EMS
EnableRemotePS	Enable remote PowerShell
EnableWindowsUpdate	Enable Windows Update Automatic Upd
IPConfig	List IP configuration
RDPSettings	Verify RDP Listener Settings
ResetRDPcert	Restore RDP Authentication mode to def
SetRDPport	Set Remote Desktop port

Run Command Script

RunPowerShellScript

Script execution in progress...

```
PowerShell Script
1 Install-WindowsFeature -Name Web-Server -IncludeManagementTools
```

Run

Output

Microsoft Azure

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20250128130539 | Overview > VM1

VM1 | Run command

Virtual machine

Search

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Run Command Script

RunPowerShellScript

Script execution complete

```
PowerShell Script
1 Install-WindowsFeature -Name Web-Server -IncludeManagementTools
```

Run

Output

```
Success Restart Needed Exit Code      Feature Result
-----
True    No                Success      {Common HTTP Features, Default Document, D...
```

Go to azure monitor and click on alerts

Microsoft Azure Monitor | Alerts

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

Alerts

View as timeline (preview) | Create | Alert rules | Action groups | Alert processing rules | Prometheus rule groups | Change user response | Actions | Refresh

Subscription: 2 selected | Time range: Past 24 hours | Alert condition: Fired | Severity: all | Add filter

Total alerts: 0 | Critical: 0 | Error: 0 | Warning: 0 | Informational: 0 | Verbose: 0

No alerts found

Try changing your search or choose a different scope level if you don't see what you're looking for.

We can create alert rule for the VM

Microsoft Azure Monitor | Alerts

Create an alert rule

Scope | Condition | Actions | Details | Tags | Review + create

Create an alert rule to identify and address issues when important conditions are found in your monitoring data. [Learn more](#)

Select scope

Resource | Hierarchy

No resource selected yet

Review + create | Previous | Next: Condition >

Select a resource

Browse | Recent

Subscription: All subscriptions | Resource types: All resource types | Locations: All locations

Search to filter items...

Resource	Resource type	Location
azurewebsitesgroup-rg	Resource group	-
DefaultResourceGroup-CIN	Resource group	-
Demo-RG	Resource group	-
app-set-Autoscale-243	Autoscale Setting	Central India
ASP-DemoRG-87da-Autoscale-685	Autoscale Setting	Central India
VM1	Virtual machine	Central India
VM1-ip	Public IP address	Central India
VM1-nsg	Network security group	Central India
VM1-vnet	Virtual network	Central India
vm1927	Network interface	Central India
VM1_OsDisk_1_cd2c25663c942d283ca788e...	Disk	Central India
manoharwebapp_group	Resource group	-

Selected resources: 1 virtual machine

VM1 | Virtual machine | Central India

Apply | Cancel | Clear all selections

Add the condition

Microsoft Azure

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Copilot

Home > Monitor | Alerts >

Create an alert rule

Configure when the alert rule should trigger by selecting a signal and defining its logic.

Signal name *

Percentage CPU

[See all signals](#)

Alert logic

We have set the condition configuration automatically based on popular settings for this metric. Please review and make changes as needed.

Threshold type

Static

Dynamic

Aggregation type

Average

Value is

Greater than

Threshold *

1

 %

When to evaluate

Check every

1 minute

Lookback period

5 minutes

+ Add condition

Review + create

Previous

Next: Actions >

Preview

\$0.10 USD/month

Whenever the average Percentage CPU is greater than 1%

Preview time range : Over the last 6 hours

Time series : Aggregate

Percentage CPU (Avg), vm1 | 35.02%

Create an action group

Microsoft Azure

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Home > Monitor | Alerts > Create an alert rule >

Create action group ...

BasicsNotificationsActionsTagsReview + create

An action group invokes a defined set of notifications and actions when an alert is triggered. [Learn more](#)

Project details

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

Subscription ⓘ

Manohar Subscription

Resource group * ⓘ

Demo-RG

[Create new](#)

Region *

Global

Instance details

Action group name * ⓘ

notifyadmins

Display name * ⓘ

The display name is limited to 12 characters

Review + create

Previous

Next: Notifications >

Enter your email to receive the notification.

Microsoft Azure

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CONSUMER BY CLOUDSHELLS ID

Home > Monitor | Alerts > Create an alert rule >

Create action group ...

BasicsNotificationsActionsTagsReview + create

Choose how to get notified when the action group is triggered. This step is optional.

Notification type ⓘ	Name ⓘ	Selected ⓘ
Email/SMS message/Push/Voice		

Email/SMS message/Push/Voice

Add or edit Email/SMS message/Push/Voice action

☒ Email

Email * ⓘ manohar32@gmail.com

☐ SMS (Carrier charges may apply)

Country code ⓘ 1

Phone number ⓘ

☐ Azure mobile app notification

Azure account email ⓘ

☐ Voice

Country code ⓘ 1

Phone number ⓘ

Enable the common alert schema. [Learn more](#)

Yes No

OK

Review + create

Previous

Next: Actions >

Create action group ⋮

[Basics](#) **[Notifications](#)** [Actions](#) [Tags](#) [Review + create](#)

Choose how to get notified when the action group is triggered. This step is optional.

Notification type ⓘ	Name ⓘ	Selected ⓘ
Email/SMS message/Push/Voice ▾	Email ✓	Email  
▾		



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Create an alert rule ...

[Scope](#) [Condition](#) [Actions](#) [Details](#) [Tags](#) [Review + create](#)

An action group is a set of actions that can be applied to an alert rule. [Learn more](#)

[+ Select action groups](#) [+ Create action group](#)

Action group name

Contains actions

notifyadmins

1 Email



[Review + create](#)

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Create an alert rule ...

Scope Condition Actions **Details** Tags Review + create

Project details

Select the subscription and resource group in which to save the alert rule.

Subscription * ⓘ	<div>Manohar Subscription</div>
Resource group * ⓘ	<div>Demo-RG</div> <div>Create new</div>

Alert rule details

Severity * ⓘ	<div>3 - Informational</div>
Alert rule name * ⓘ	<div>VMAAlertRuleCPUPercentage</div>
Alert rule description ⓘ	<div>VMAAlertRuleCPUPercentage</div>

▼ Advanced options

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

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Create an alert rule

Scope

Condition

Actions

Details

Tags

Review + create

Product details

Metric alert rule

1 Condition

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

Total pricing

0.10 USD/month

[Pricing](#)

Scope

Resource

Manohar Subscription > Demo-RG > VM1

Condition

Signal name

Percentage CPU

Operator

Greater than

Aggregation type

Average

Threshold value

1

Lookback period

5 minutes

Check every

1 minute

Actions

Action group name

Contain actions

notifyadmins

1 Email

Create

Previous

Alert rule has been created

Microsoft Azure

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[Home](#) > [Monitor](#) | [Alerts](#) >

Alert rules

+ Create

Columns

Refresh

Export to CSV

Open query

Delete

Enable

Disable

Search

Subscription: 2 selected

Target scope: all

Target resource type: all

Signal type: all

Severity: all

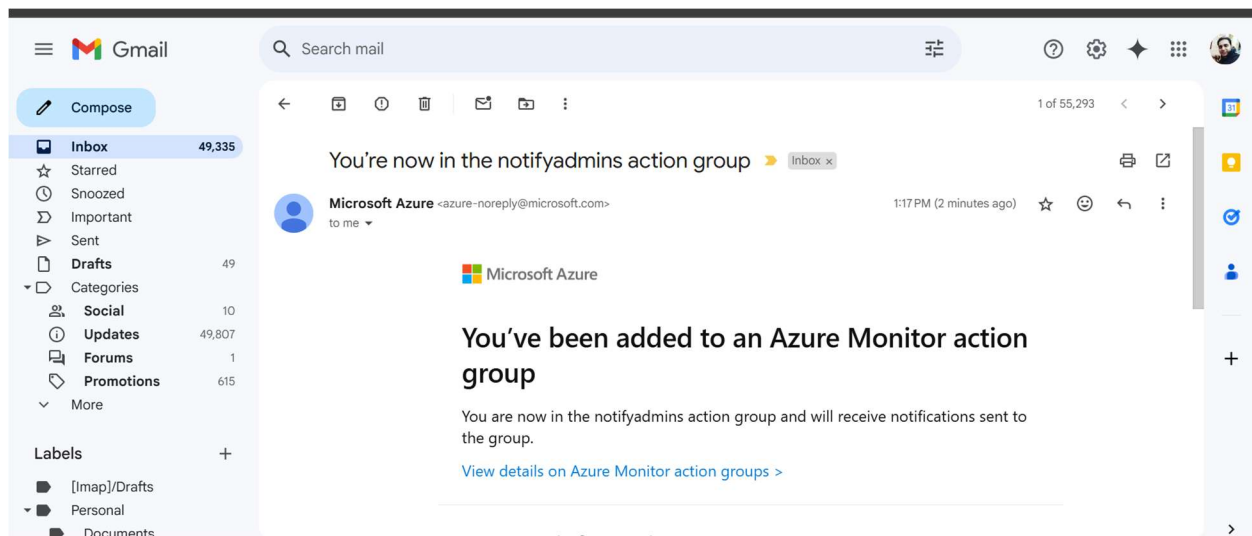
Status: Enabled

Add tag filter

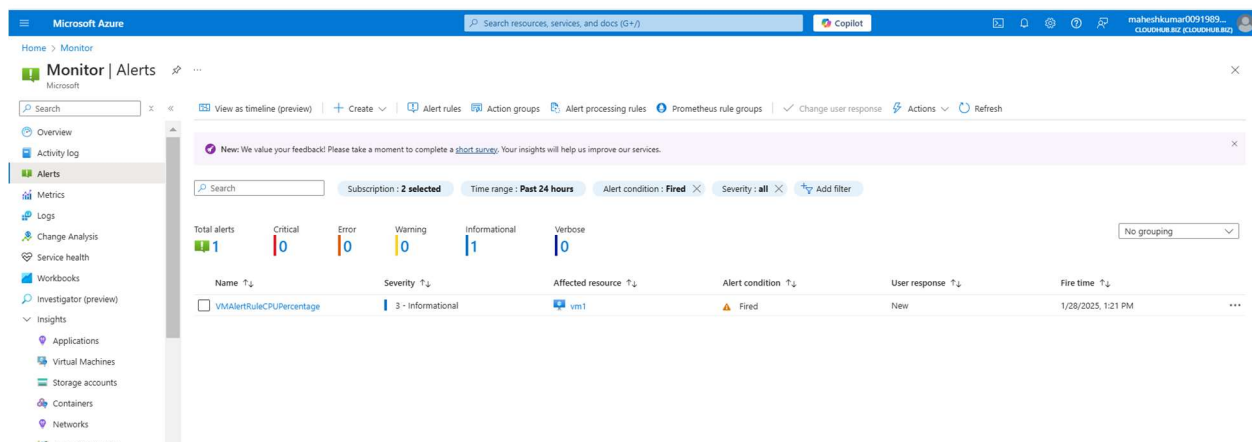
No grouping

Name ↑↓	Condition	Severity ↑↓	Target scope	Target resource type	Signal type ↑↓	Status ↑↓	
<input type="checkbox"/> VMAlertRuleCPUPercentage	Percentage CPU > 1	3 - informational	VM1	Virtual machine	Metrics	Enabled	...

Receive notification on email for creation of the action group



Alert is triggered



Also receive email for the triggered alert

