

EXPERIMENT 12

The screenshot shows the Azure portal overview page. The left sidebar contains navigation links: 'Create a resource', 'Home', 'Dashboard', 'All services', and a 'FAVORITES' section with links to 'All resources', 'Resource groups', 'App Services', 'Function App', 'SQL databases', 'Azure Cosmos DB', 'Virtual machines', 'Load balancers', 'Storage accounts', 'Virtual networks', 'Azure Active Directory', and 'Monitor'. The main content area has a search bar and tabs for 'Get started' and 'Overview'. A prominent banner at the top right encourages signing up for Azure for students, offering \$100 in free credits. Below this, the 'Popular solutions' section lists: 'Deploy a Docker container', 'Create your first Node.js app', and 'Create and train a Machine Learning model'. The 'Free Services' section lists: 'Azure Virtual Machines - Windows', 'Azure Blob Storage', and 'Computer Vision'.

The screenshot shows the 'Create a resource' page in the Azure portal. The left sidebar lists categories: 'AI + Machine Learning', 'Analytics', 'Blockchain', 'Compute', 'Containers', 'Databases', 'Developer Tools', 'DevOps', 'Identity', 'Integration', and 'Internet of Things'. The main content area features a search bar and two columns of service recommendations. The 'Popular Azure services' column includes: 'Virtual machine', 'Web App', 'SQL Database', 'Function App', 'Key Vault', and 'Data Factory'. The 'Popular Marketplace products' column includes: 'Windows Server 2019 Datacenter', 'Windows 10 Pro, version 21H2', 'Windows 11 Pro, version 21H2', 'Ubuntu Server 20.04 LTS', 'Ubuntu Server 22.04 LTS', and 'Windows 7 Enterprise'. Each service entry includes a 'Create' link and a 'Learn more' link.

portal.azure.com/?Microsoft_Azure_Education_correlationId=054ccabc5791430f83837c851fb1c134#view/Microsoft_Azure_Marketplace/Marketplace

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

Home > Create a resource > Marketplace

Get Started
Service Providers
Management
Private Marketplace
Private Offer Management
My Marketplace
Favorites
Recently created
Private products
Categories





Resource group

Pricing: All Operating System: All Publisher Type: All Prod

Azure services only

Publisher name: All

Showing 1 to 20 of 84 results for 'Resource group'. [Clear search](#)

 Resource group Microsoft Azure Service Manage and deploy resources in an application together	 Resource Scheduler Lumagate Inc Azure Application An easy-to-use web application to schedule start/stop of Azure IaaS (virtual machine) resources. Starts at Free	 Application group Microsoft Azure Service Azure Virtual Desktop resource	 Configuration Group Microsoft Azure Service Configuration Group for Azure Operator Service Manager
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Microsoft Azure Search resources, services, and docs (G+)

Home > Create a resource > Marketplace > Resource group

Resource group

Microsoft

 **Resource group** [Add to Favorites](#)

Microsoft | Azure Service

★ 4.5 (16 ratings)

Plan





Resource group

Create

Overview Plans Usage Information + Support Ratings + Reviews

Resource groups enable you to manage all your resources in an application together. Resource groups are enabled by Azure Resource Manager. Resources are grouped together as a logical group which serves as the lifecycle boundary for every resource contained within it. Typically a group will contain a specific application. For example, a group may contain a Website resource that hosts your public website, a SQL Database that stores relational data used by the application, and a Storage Account that stores non-relational assets.

More products from Microsoft [See All](#)

			
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Create a resource group ...

Basics Tags Review + create

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Project details

Subscription * ⓘ Azure for Students

Resource group * ⓘ CloudComputinga ✓

Resource details

Region * ⓘ (US) East US

Review + create < Previous Next : Tags >

Create a resource group ...

✓ Validation passed.

Basics Tags Review + create

Basics

Subscription	Azure for Students
Resource group	CloudComputinga
Region	East US

Tags

None

[Home](#) >

Resource group ...

Microsoft



Resource group [Add to Favorites](#)

Microsoft | Azure Service

★ 4.5 (16 ratings)

Plan

Resource group

Create

Resource groups enable you to manage all your resources in an application together. Resource groups are enabled by Azure to group multiple resources as a logical group which serves as the lifecycle boundary for every resource contained within it. For example, a group may contain a Website resource that hosts your public website, a SQL Database Storage Account that stores non-relational assets.

More products from Microsoft [See All](#)



[Home](#) > [Resource group](#) >

Marketplace ...

Get Started

Service Providers

Management

Private Marketplace

Private Offer Management


My Marketplace


Favorites


Recently created

Private products

Categories


 virtual machine

Pricing : All 

Operating System : All 

Publisher

☐ Azure services only

Publisher name : All 

Showing 1 to 20 of 6768 results for 'virtual machine'. [Clear search](#)



Virtual machine

Microsoft

Azure Service

Azure Virtual Machines provide on-demand, high-scale, secure and virtualized infrastructure using either Linux or Windows operating systems.



Virtual machine scale set

Microsoft

Azure Service

Deploy multiple instances of a single image.



Free account virtual machine

Microsoft

Azure Service

Azure free account users get up to 1500 free virtual machine hours each month.



Free mac

Micrc

Azure

Azure 1500 mont

Home > Resource group > Marketplace > Virtual machine >

Create a virtual machine

Run with Azure Spot discount ⓘ

☐

Size * ⓘ

Standard_DS1_v2 - 1 vcpu, 3.5 GiB memory (₹4,185.10/month) ✓

[See all sizes](#)

Administrator account

Username * ⓘ

csa ✓

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

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

princekav9710@outlo...
DEFAULT DIRECTORY PROVISION...

Home > CreateVm-MicrosoftWindowsDesktop.Windows-10-win10-20230505131730 | Overview

Deployment

Search < Delete Cancel Redeploy Download Refresh

Overview Inputs Outputs Template

Deployment is in progress

Deployment name: CreateVm-MicrosoftWindowsDesktop.Windows... Start time: 5/5/2023, 1:23:06 PM
Subscription: Azure for Students Correlation ID: 0ea74a1e-3ca2-425e-bd52-8a9fa14b1c91

Resource group: CloudComputing

Deployment details

Resource	Type	Status	Operation details
EXP12	Microsoft.Compute/virtualMachines	Created	Operation details
exp12160	Microsoft.Network/networkInterfa...	Created	Operation details
EXP12-ip	Microsoft.Network/publicIpAddr...	OK	Operation details
EXP12-vnet	Microsoft.Network/virtualNetworks	OK	Operation details
EXP12-rsg	Microsoft.Network/networkSecuri...	OK	Operation details

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Tell us about your experience with deployment

Microsoft Defender for Cloud
Secure your apps and infrastructure
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Work with an expert
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.
[Find an Azure expert >](#)

Microsoft Azure

Search resources, services, and docs (0/12)

praveenkumar97110@outlook...
DEFAULT DIRECTORY: praveenka...

Home >

EXP12
Virtual machine

✕

Search

Connect > Start Restart Stop Capture Delete Refresh Open in mobile Feedback 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

Availability + scaling

Configuration

Identity

Essentials

Resource group (move) : CloudComputing

Status : Running

Location : East US

Subscription (move) : Azure for Students

Subscription ID : b7a79299-6f99-4b68-92e6-dd8debb0a349

Operating system : Windows (Windows 10 Pro)

Size : Standard D2s v3 (2 vcpus, 8 GiB memory)

Public IP address : 74.235.53.84

Virtual network/subnet : EXP12-vnet/default

DNS name : Not configured

Health state : -

Tags (edit) : Click here to add tags

JSON View

Properties

Monitoring

Capabilities (7)

Recommendations

Tutorials

Virtual machine

Computer name : EXP12

Operating system : Windows (Windows 10 Pro)

Publisher : MicrosoftWindowsDesktop

Offer : Windows-10

Plan : win10-22h2-pro-g2

VM generation : V2

Networking

Public IP address : 74.235.53.84 (Network interface exp12160)

Public IP address (IPv6) : -

Private IP address : 10.0.0.4

Private IP address (IPv6) : -

Virtual network/subnet : EXP12-vnet/default

DNS name : Configure