

12. Demonstrate Infrastructure as a Service (IaaS) by creating a resources group using a Public Cloud Service Provider (Azure), configure with minimum CPU, RAM, and Storage.

The screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal, specifically the 'Basics' tab. The page title is 'Create a virtual machine'. Below the title, there are tabs for 'Basics', 'Tags', and 'Review + create'. The 'Basics' tab is active. The page content includes a description of creating a virtual machine, a 'Project details' section for selecting a subscription and resource group, and an 'Instance details' section for specifying the virtual machine name, region, and image. A notification at the bottom states: 'You will not be charged for up to 750 hours of usage for B1s VMs per month. Learn more'. At the bottom of the wizard, there are buttons for 'Review + create', '< Previous', and 'Next: Tags >'. The Windows taskbar at the bottom shows the date as 30-01-2023 and the time as 10:01.

Microsoft Azure

Home > Free services >

Create a virtual machine

Basics 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 *

Resource group [Create new](#)

Instance details

Virtual machine name *

Region

Image *

1 You will not be charged for up to 750 hours of usage for B1s VMs per month. [Learn more](#)

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

The screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal, specifically the 'Tags' tab. The page title is 'Create a virtual machine'. Below the title, there are tabs for 'Basics', 'Tags', and 'Review + create'. The 'Tags' tab is active. The page content includes a description of tags, a note about automatic updates, and a table for adding tags. At the bottom of the wizard, there are buttons for 'Review + create', '< Previous', and 'Next: Review + create >'. The Windows taskbar at the bottom shows the date as 30-01-2023 and the time as 10:02.

Microsoft Azure

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Create a virtual machine

Basics 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
<input type="text"/>	<input type="text"/>	<input type="text" value="13 selected"/>

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

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-201-20210721104828 >

Record-virtual

Virtual machine

Search (Ctrl+/)

Connect Start Restart Stop Capture Delete Refresh Open in mobile

Overview

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

Settings

- Networking
- Connect
- Windows Admin Center (preview)
- Disks
- Size
- Security
- Advisor recommendations
- Extensions

Essentials

JSON View

Resource group (change)	: Record	Operating system	: Windows (Windows Server 2019 Datacenter)
Status	: Running	Size	: Standard DS1 v2 (1 vcpu, 3.5 GiB memory)
Location	: East US	Public IP address	: 23.96.9.147
Subscription (change)	: Azure for Students	Virtual network/subnet	: Record-vnet/default
Subscription ID	: db4eee0b-1e34-4be0-9c9c-65cc8d398405	DNS name	: Not configured
Tags (change)	: Click here to add tags		

Properties

Monitoring Capabilities (8) Recommendations Tutorials

Virtual machine		Networking	
Computer name	: Record-virtual	Public IP address	: 23.96.9.147
Operating system	: Windows (Windows Server 2019 Datacenter)	Public IP address (IPv6)	: -
Publisher	: MicrosoftWindowsServer	Private IP address	: 10.0.0.4
Offer	: WindowsServer	Private IP address (IPv6)	: -
Plan	: 2019-Datacenter	Virtual network/subnet	: Record-vnet/default
VM generation	: V1	DNS name	: Configure
Agent status	: Ready		

