

5- Create an Azure Resource

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Exercise - Create an Azure resource

Completed 100 XP

- 10 minutes

Sandbox activated! Time remaining:

14 min

All data is removed when time runs out. Afterward, you'll be able to create a fresh sandbox.

You have used 2 of 10 sandboxes for today. More sandboxes will be available tomorrow.

Deactivate Sandbox

Note: the deactivate sandbox button is not available in production.

In this exercise, you'll use the Azure portal to create a resource. The focus of the exercise is observing how Azure resource groups populate with created resources.

Important

The sandbox should already be activated, but if the sandbox closed, reactivate the sandbox before continuing.

Task 1: Create a virtual machine

In this task, you'll create a virtual machine using the Azure portal.

1. Sign in to the [Azure portal](#).
2. Select Create a resource > Compute > Virtual Machine > Create.
3. The Create a virtual machine pane opens to the basics tab.

4. Verify or enter the following values for each setting. If a setting isn't specified, leave the default value.

Basics tab

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Basics tab

Setting	Value
Subscription	Concierge Subscription
Resource group	Select the resource group name that begins with learn .
Virtual machine name	my-VM
Region	Leave default
Availability options	Leave default
Security type	Leave default
Image	Leave default

Setting	Value
VM architecture	Leave default
Run with Azure Spot discount	Unchecked
Size	Leave default
Authentication type	Password
Username	azureuser
Password	Enter a custom password
Confirm password	Reenter the custom password
Public inbound ports	None

5. Select Review and Create.

Important

Product details will include a cost associated with creating the virtual machine. This is a system function. If you're creating the VM in the Learn sandbox, you won't actually incur any costs.

6. Select Create

Wait while the VM is provisioned. Deployment is in progress will change to Deployment is complete when the VM is ready.

Task 2: Verify resources created

Once the deployment is created, you can verify that Azure created not only a VM, but all of the associated resources the VM needs.

1. Select Home
2. Select Resource groups

Select the learn-8a3e642e-b2a1-434e-a969-a12d749f5196 resource group

You should see a list of resources in the resource group. The storage account and virtual network are associated with the Learn sandbox. However, the rest of the resources were created when you created the virtual machine. By default, Azure gave them all a similar name to help with association and grouped them in the same resource group.

Congratulations! You've created a resource in Azure and had a chance to see how resources get grouped on creation.

Clean up

The sandbox automatically cleans up your resources when you're finished with this module.

When you're working in your own subscription, it's a good idea at the end of a project to identify whether you still need the resources you created. Resources that you leave running can cost you money. You can delete resources individually or delete the resource group to delete the entire set of resources.

Next unit: Knowledge check

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