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Exercise - Create an Azure Cache for Redis instance

10 minutes

This module requires a sandbox to complete. A sandbox gives you access to free resources. Your personal subscription will not be charged. The sandbox may only be used to complete training on Microsoft Learn. Use for any other reason is prohibited, and may result in permanent loss of access to the sandbox.

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[Sign in to activate sandbox](#)

ⓘ Note

The first time you activate a sandbox and accept the terms, your Microsoft account is associated with a new Azure directory named *Microsoft Learn Sandbox*. You're also added to a special subscription named *Concierge Subscription*.

You have been tasked with validating if Azure Cache for Redis can serve as your overall communication middleware for your solutions for your retail development team.

In this exercise, you create a new Azure Cache for Redis instance. You then use this instance in the remaining exercises throughout this module.

Create an Azure Cache for Redis instance

Use the Azure portal to create a new Azure Cache for Redis instance.

1. Sign in to the [Azure portal](#) using the same account you used to activate the sandbox.
2. Within the **Azure services** category, select **Create a resource**, select the **Databases** category and then select **Azure Cache for Redis**.

Tip

Alternatively; expand the \equiv menu, select **All Services**, in the **Databases** category, select **Azure Cache for Redis**, and then select **Create**.

3. Within the **Basics** tab of the **New Redis Cache** pane, enter the following values for each setting:

 Expand table

| Setting | Value |
|----------------|---|
| Subscription | <i>Concierge Subscription</i> |
| Resource group | <i>[sandbox resource group name]</i> |
| DNS name | <i>Enter any globally unique name. The portal checks the name in real time.</i> |
| Location | <i>Select a region</i> |
| Cache type | <i>Basic C0 (250 MB Cache, No SLA)</i> |

4. Select the **Advanced** tab.

5. Within the **Advanced** tab of the **New Redis Cache** pane, enter the following values for each setting:

 Expand table

| Setting | Value |
|---------------|-------------------|
| Redis version | <i>Latest - 6</i> |

6. Select **Review + Create** to navigate to the **Review + Create** tab, and then select **Create**.

Note

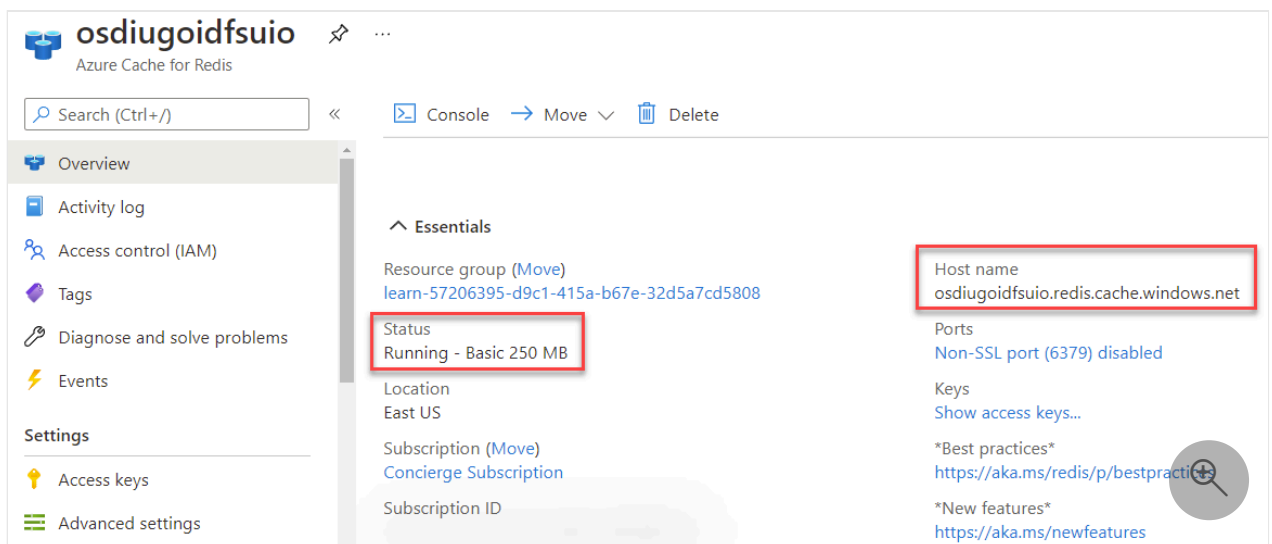
It can take upwards of fifteen minutes to create a new Azure Cache for Redis instance.

7. Observe the **Deployment** pane. When the deployment is complete, the pane updates with a **Deployment successful** message.

View the Azure Cache for Redis instance

At this point, Azure Cache for Redis is running. Use the Azure portal to view details about the instance.

1. Within the **Deployment** pane, select **Go to resource** to view the Azure Cache for Redis instance.
2. Observe the **Host name** and **Status** properties. The host name should have a valid URI for your instance and the status should be *Running*.



Warning

Do not delete the instance after you have created it. This Azure Cache for Redis instance will be used for the remaining exercises in this module.

Next unit: Exercise - Publish and subscribe to events using Pub/Sub

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