



Exercise - Create a storage account

10 minutes

Sandbox activated! Time remaining: **48 min**

You have used 1 of 10 sandboxes for today. More sandboxes will be available tomorrow.

You've discovered that spikes in traffic can overwhelm our middle-tier. To deal with this, you've decided to add a queue between the front-end and the middle tier in your article-upload application.

The first step in creating a queue is to create the Azure Storage Account that will store our data.

Create a Storage Account with the Azure CLI



Tip

Normally, you'd start a new project by creating a *resource group* to hold all the associated resources. In this case, we'll be using the Azure sandbox which provides a resource group named learn-fbe5d791-54b8-403f-a0a5-26258f584781.

Use the `az storage account create` command to create the storage account. You can type the command into the Cloud Shell window on the right.

The command needs several parameters:


Parameter	Value
--name	Sets the name. Remember that storage accounts use the name to generate a public URL - so it has to be unique. In addition, the account name must be between 3 and 24 characters, and be composed of numbers and lowercase letters only. We recommend you use the prefix articles with a random number suffix but you can use whatever you like.
-g	Supplies the Resource Group , use <code>learn-fbe5d791-54b8-403f-a0a5-26258f584781</code> as the value.

Parameter	Value
--kind	Sets the Storage Account type - use <i>StorageV2</i> to create a general-purpose V2 account.
--sku	Sets the Replication and Storage type , it defaults to <i>Standard_RAGRS</i> . Let's use <i>Standard_LRS</i> which means it's only locally redundant within the data center.
-l	Sets the Location independent of the resource group owner. It's optional, but you can use it to place the queue in a different region than the resource group. Place it close to you, choosing from the below list of available regions in the sandbox.

The free sandbox allows you to create resources in a subset of the Azure global regions. Select a region from this list when you create resources:

- westus2
- southcentralus
- centralus
- eastus
- westeurope
- southeastasia
- japaneast
- brazilsouth
- australiasoutheast
- centralindia

Here's an example command line that uses the above parameters. Make sure to change the `--name` parameter.

Azure CLI	 Copy
<pre>az storage account create --name [unique-name] -g learn-fbe5d791-54b8-403f-a0a5-26258f584781 --kind StorageV2 --sku Standard_LRS</pre>	

Tip

You can use the **Copy** button to copy commands to the clipboard. To paste, right-click on a new line in the Cloud Shell window and select **Paste** or use the `Shift+Insert` keyboard shortcut (`⌘+V` on macOS).

Module complete:

[Unlock achievement](#) English (United States)  Theme[Previous Version Docs](#)[Blog](#)[Contribute](#)[Privacy & Cookies](#)[Terms of Use](#)[Trademarks](#)

© Microsoft 2020

 Azure Cloud Shell

```
Requesting a Cloud Shell.Succeeded.  
Connecting terminal...  
  
Welcome to Azure Cloud Shell  
  
Type "az" to use Azure CLI  
Type "help" to learn about Cloud Shell
```