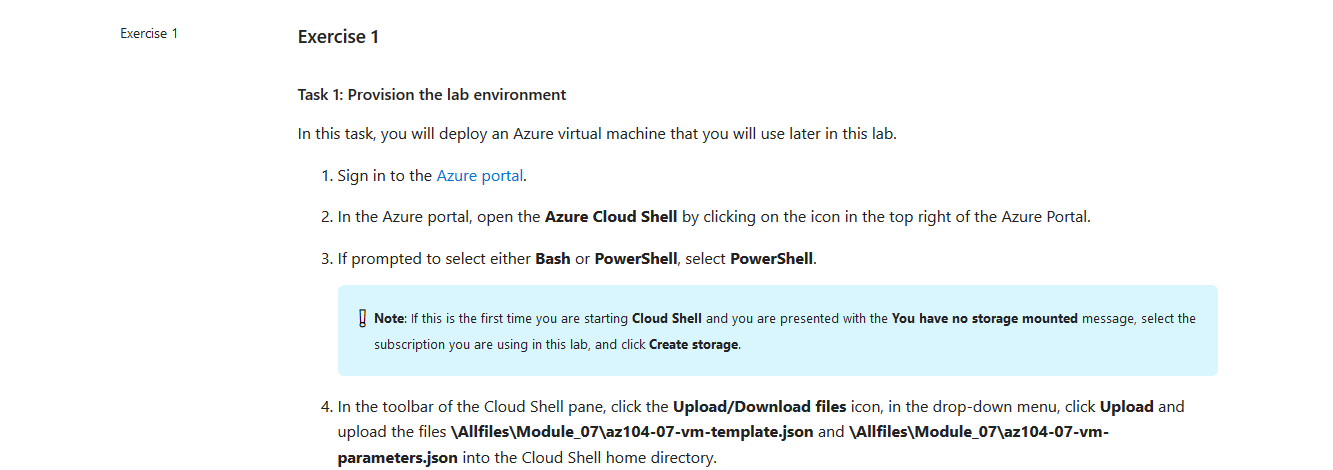
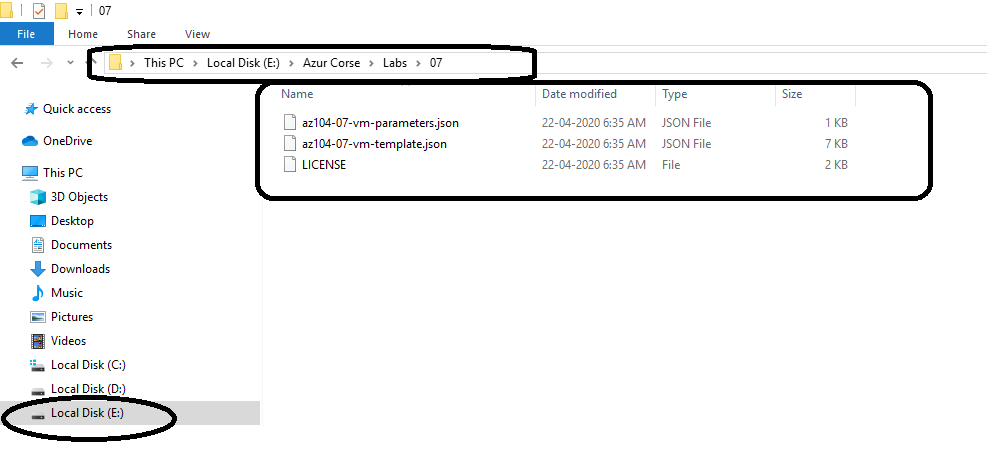
**Lab 07 - Manage Azure Storage**

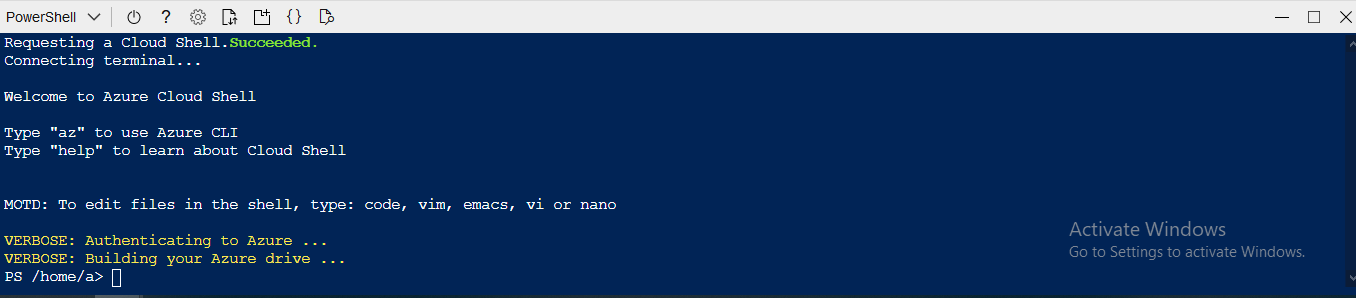
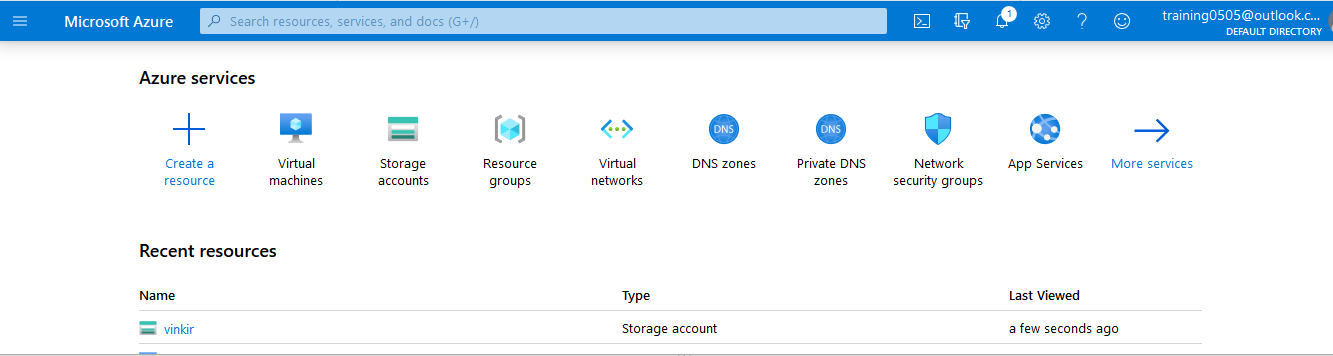
**Student lab manual**

**Lab scenario**

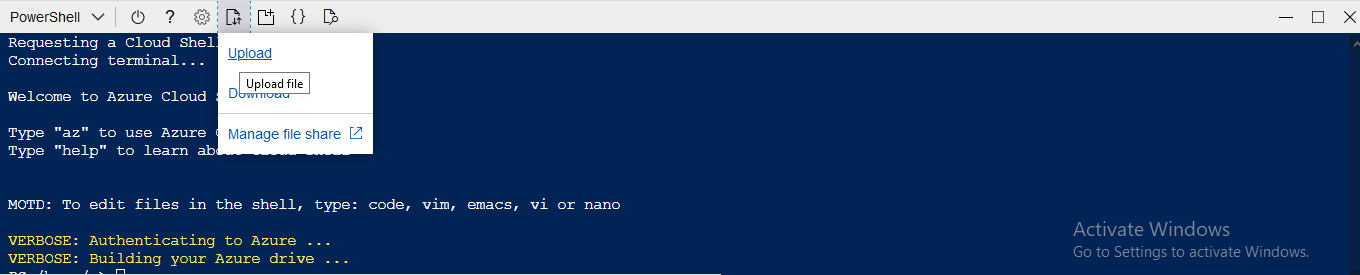
You need to evaluate the use of Azure storage for storing files residing currently in on-premises data stores. While majority of these files are not accessed frequently, there are some exceptions. You would like to minimize cost of storage by placing less frequently accessed files in lower-priced storage tiers. You also plan to explore different protection mechanisms that Azure Storage offers, including network access, authentication, authorization, and replication. Finally, you want to determine to what extent Azure Files service might be suitable for hosting your on-premises file shares.

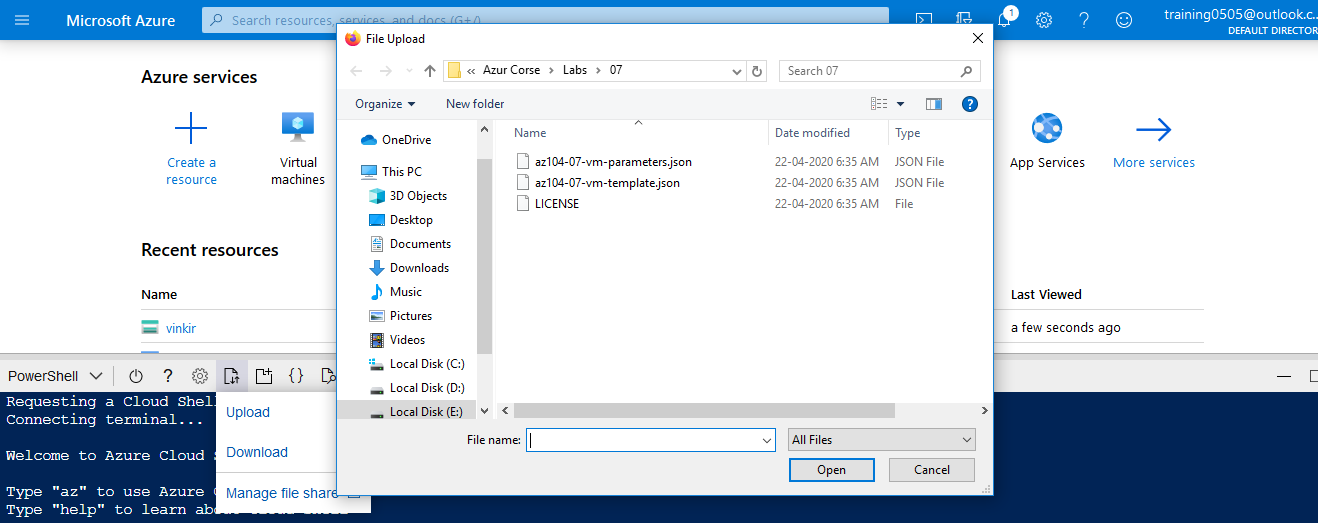


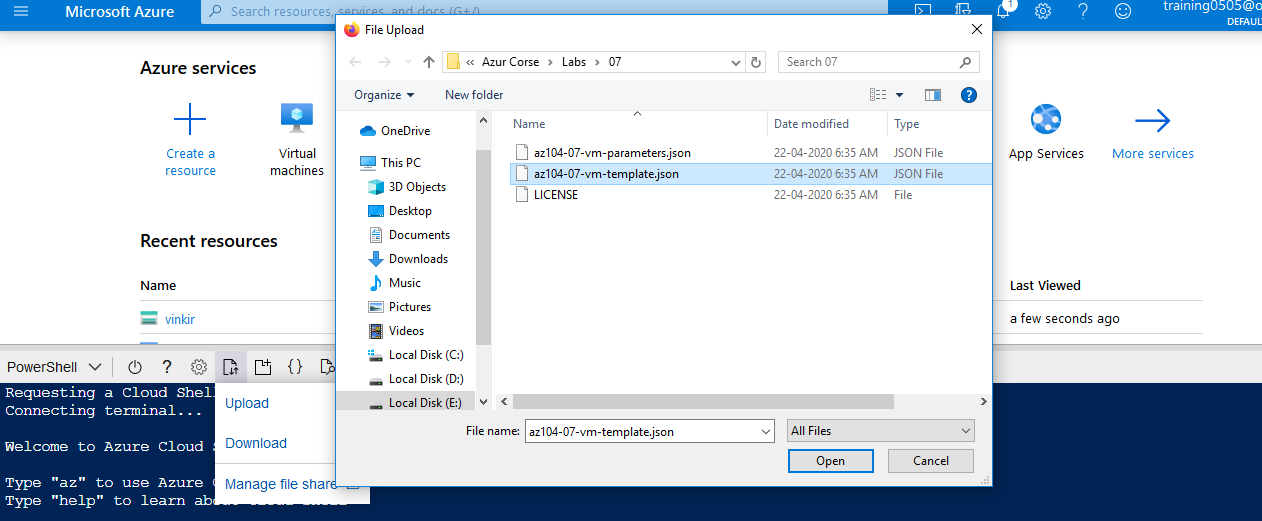




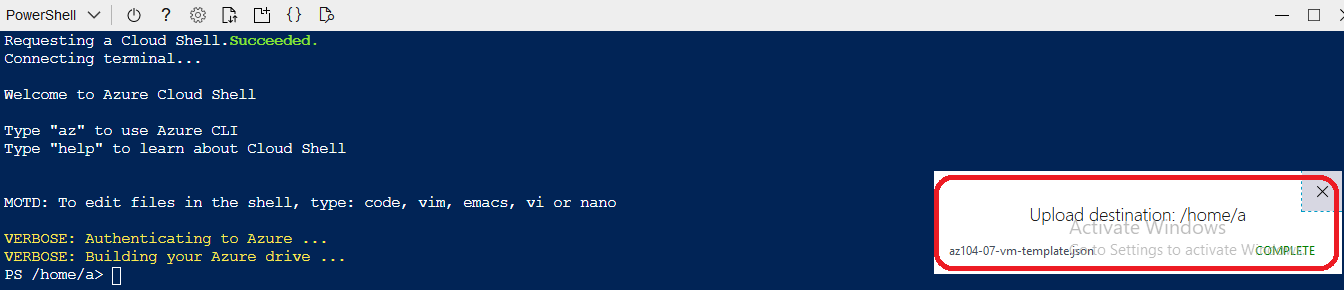
Upload the file

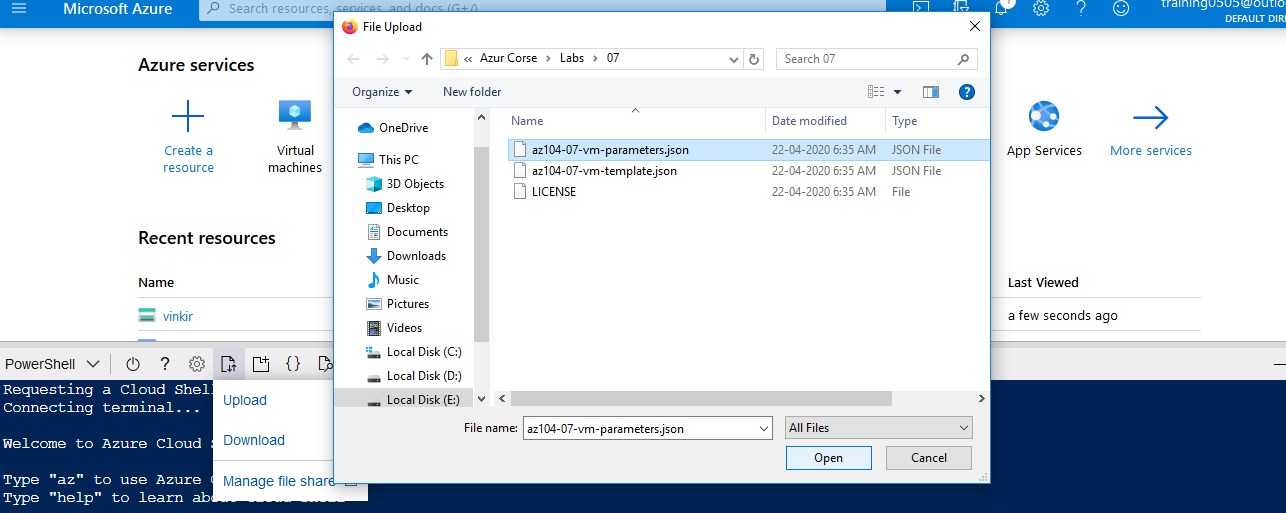


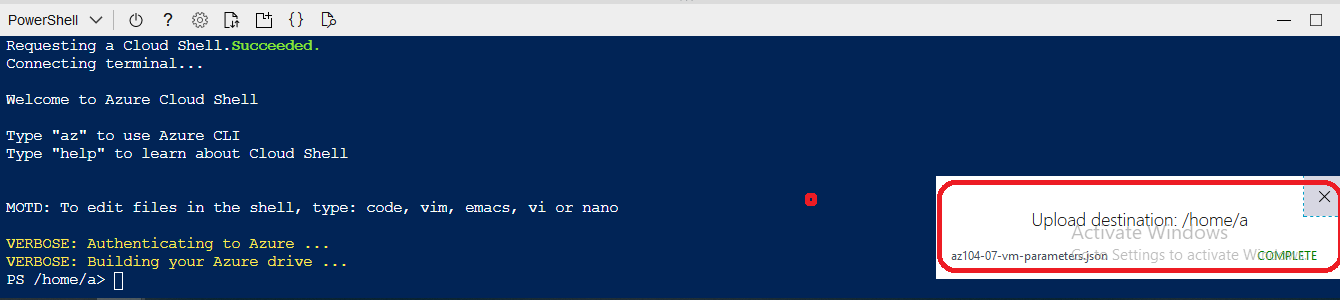


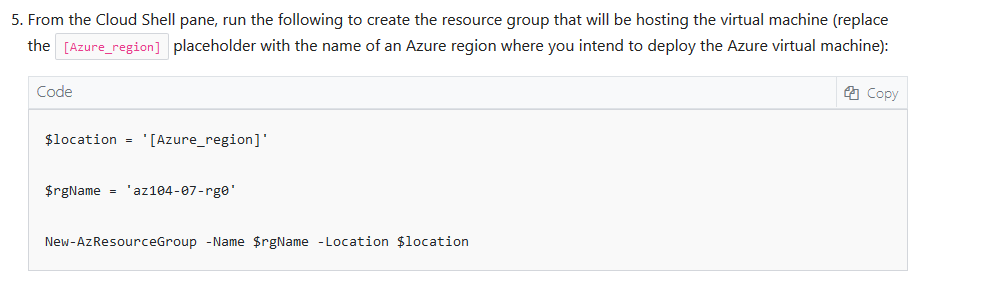


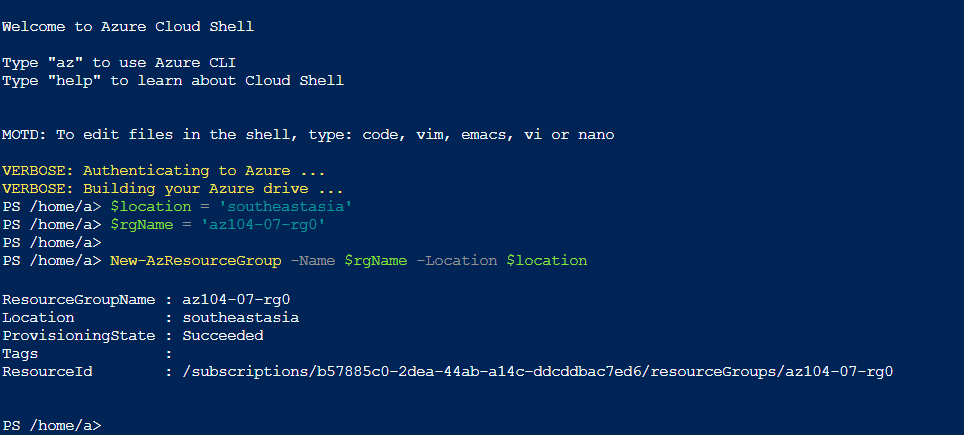
Click on the **Open button**

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location = '[Azure\_region]'

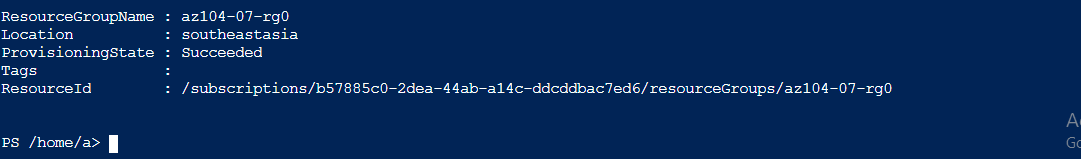
**$location = ‘southeastasia’**

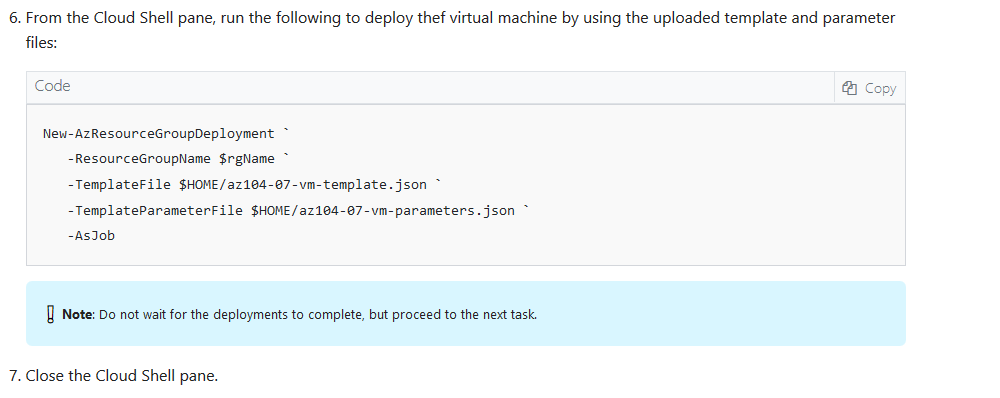
Manually done this entry

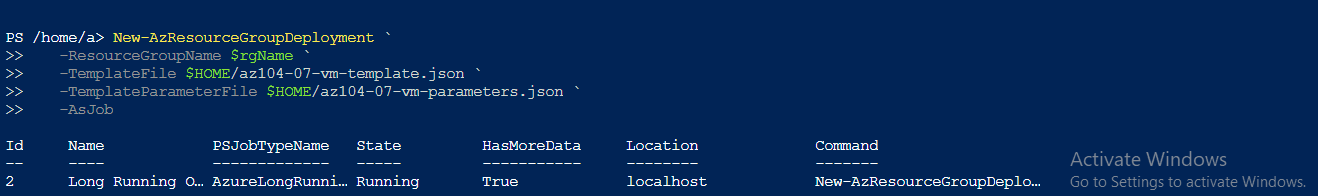
After both just copy & paste

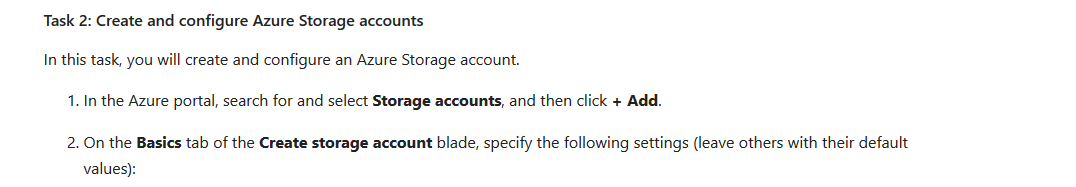
$rgName = 'az104-07-rg0'

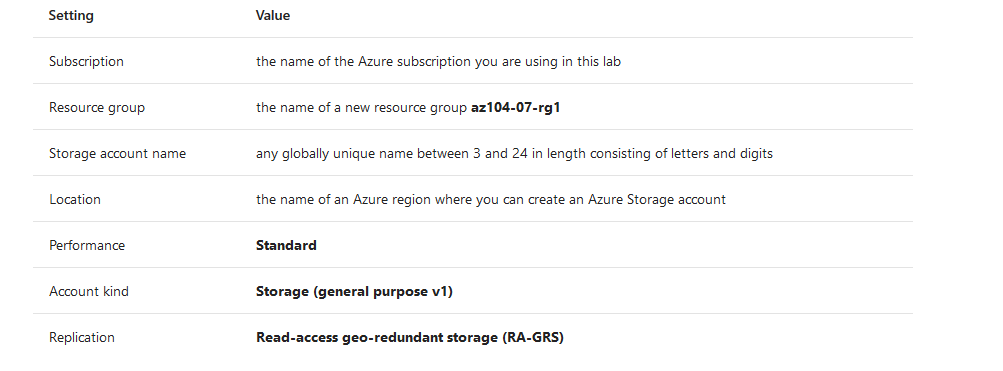
New-AzResourceGroup -Name $rgName -Location $location

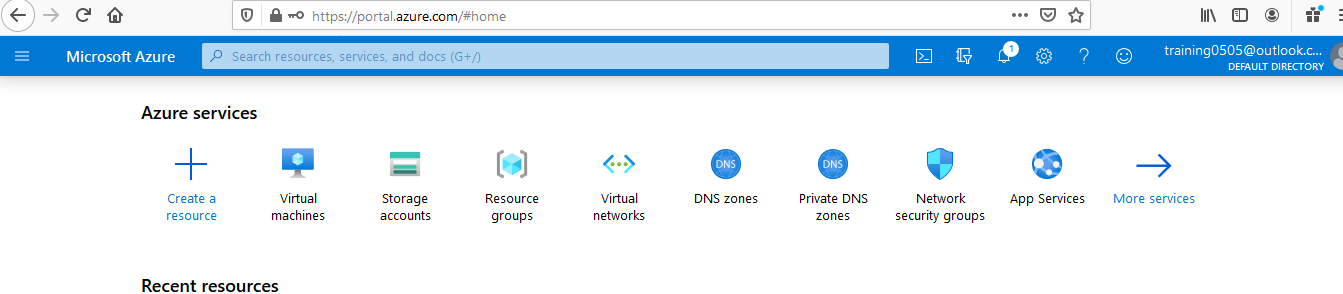


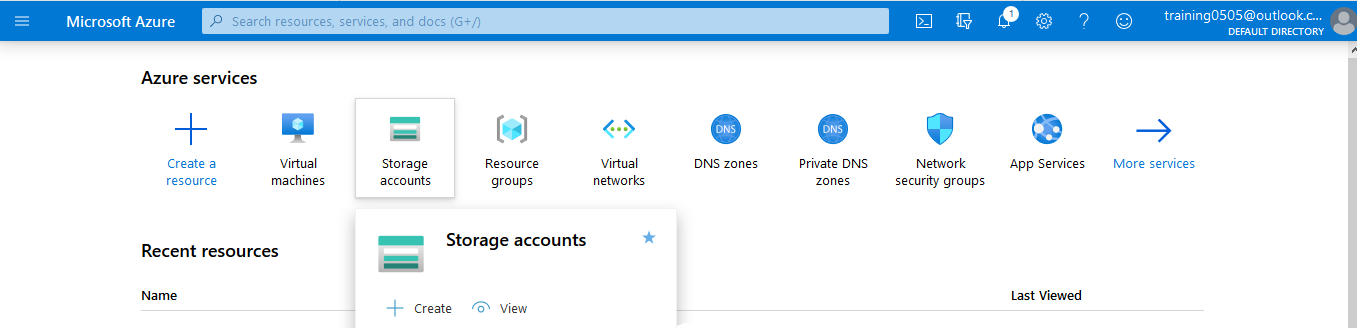


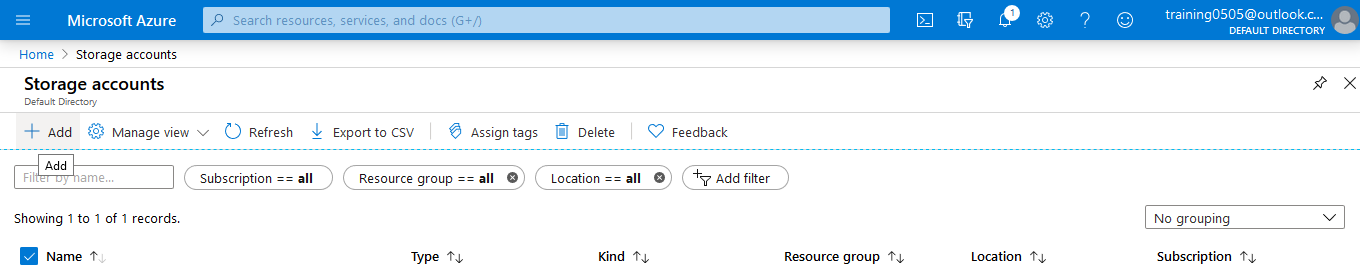




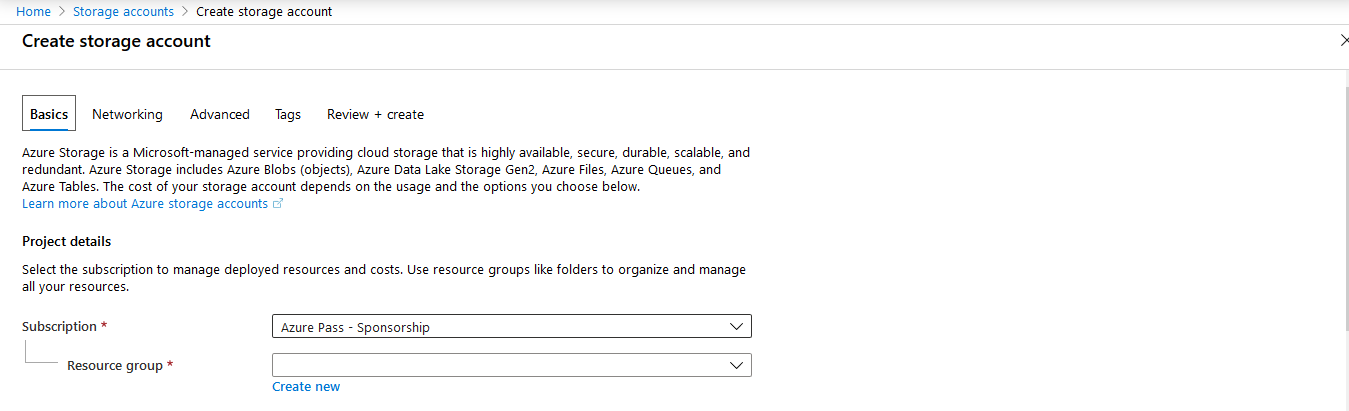




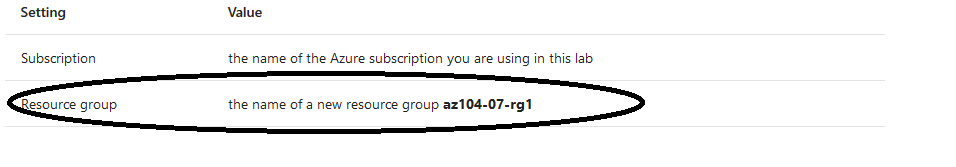


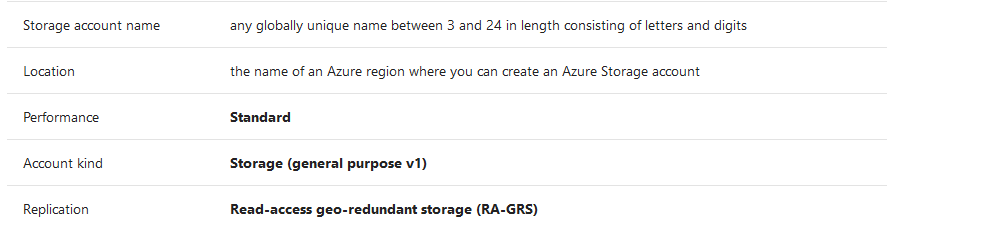


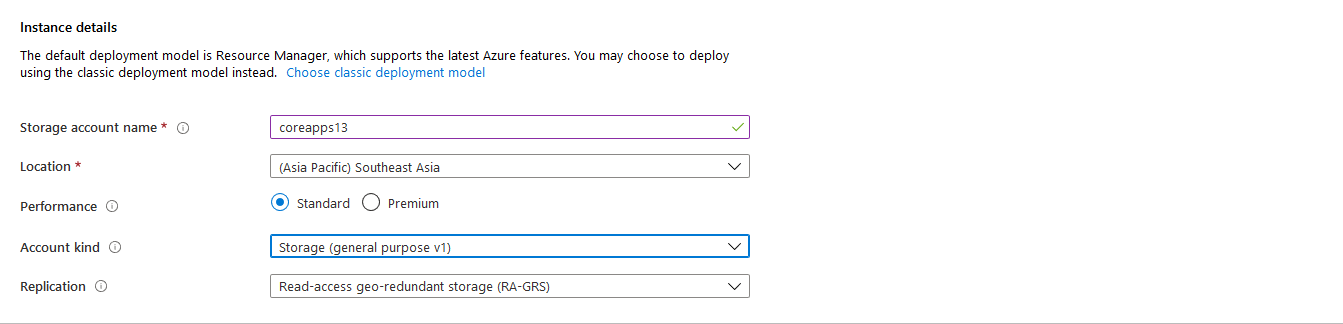
Click on the storage location

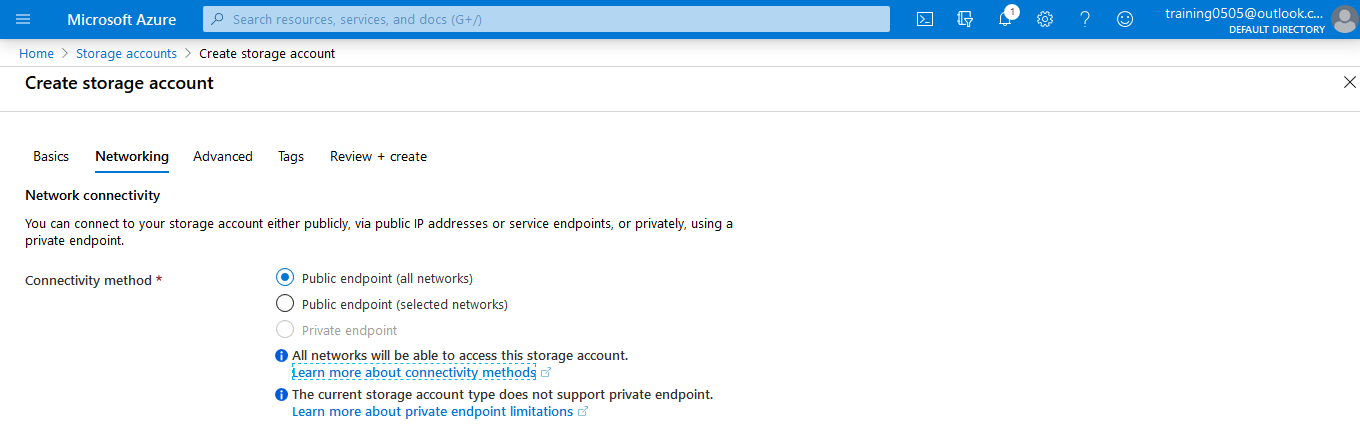


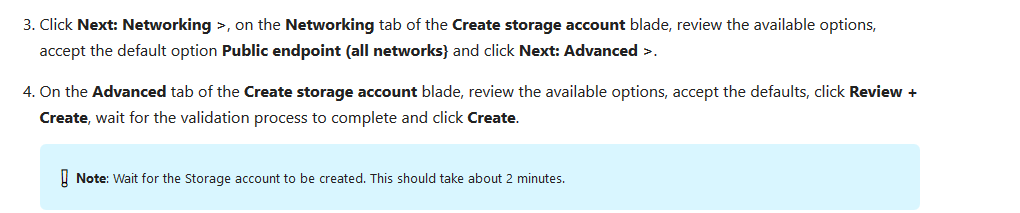
**Select Recourse group**

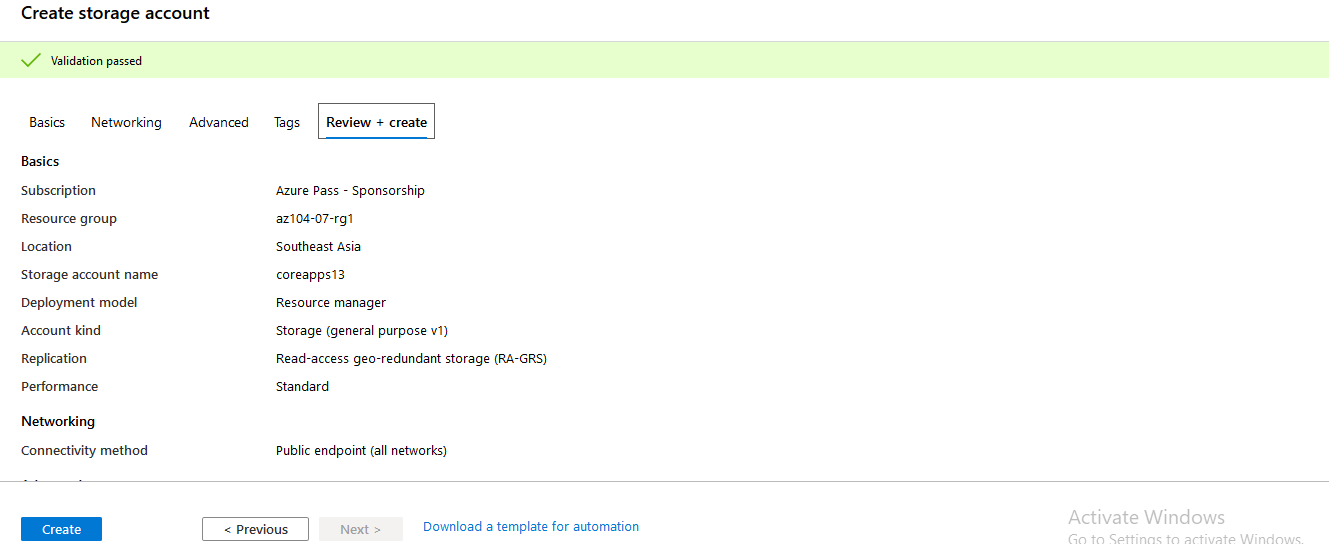




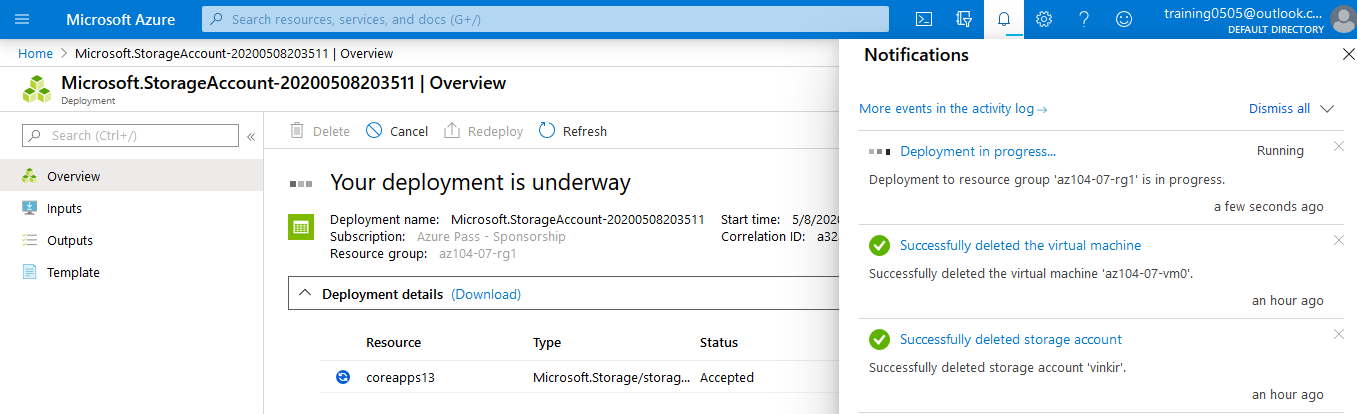


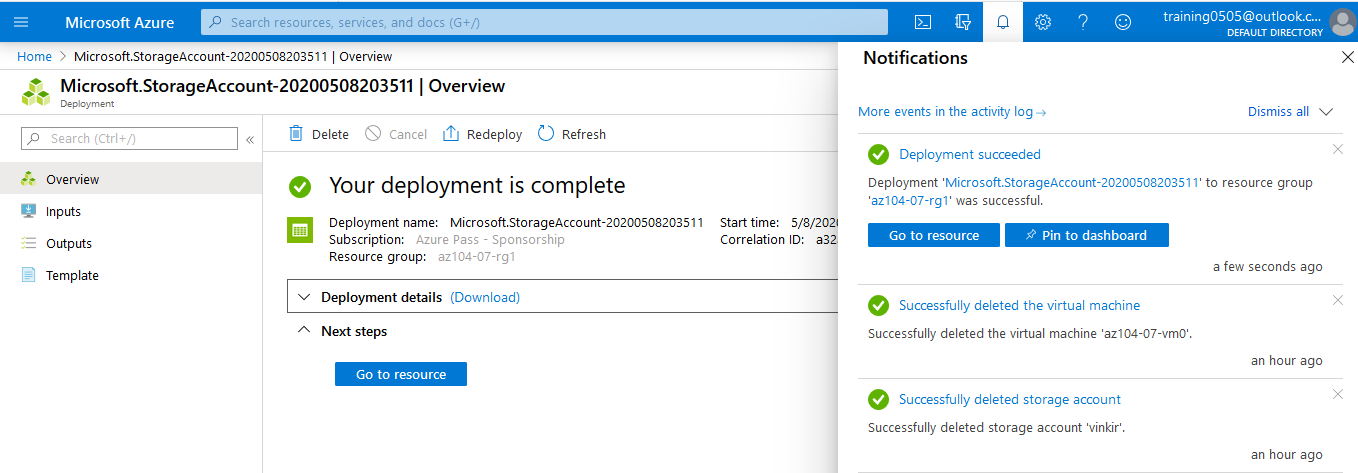


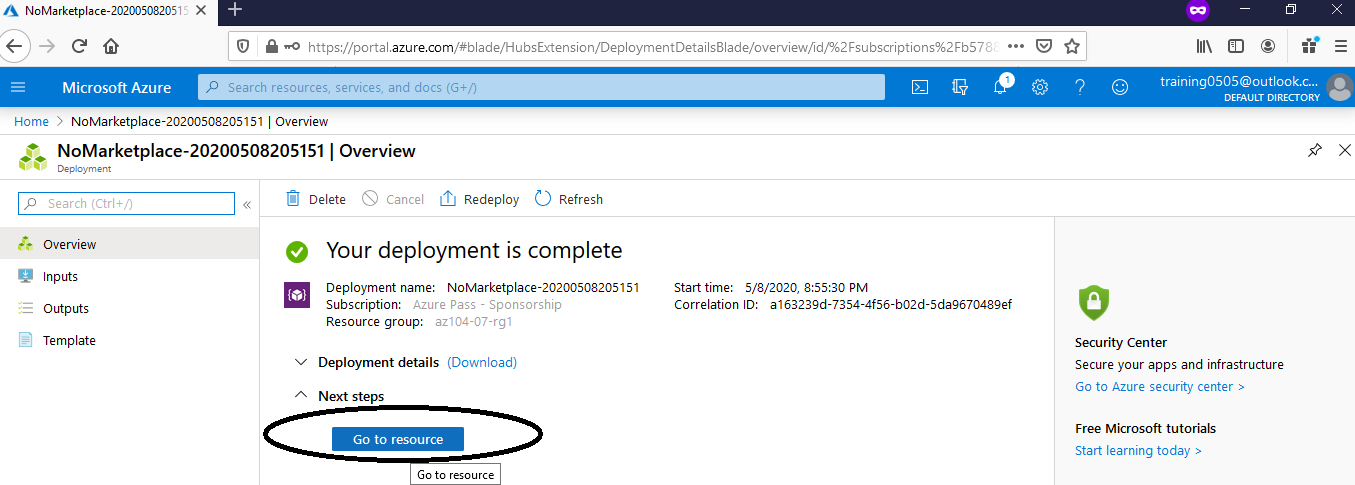


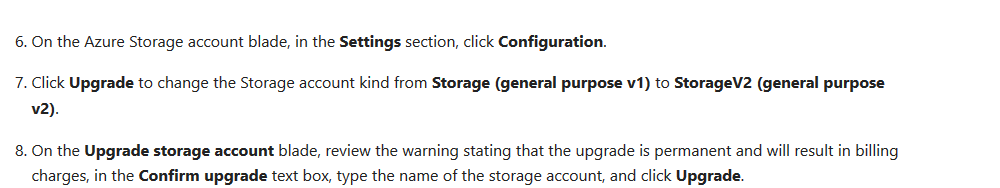


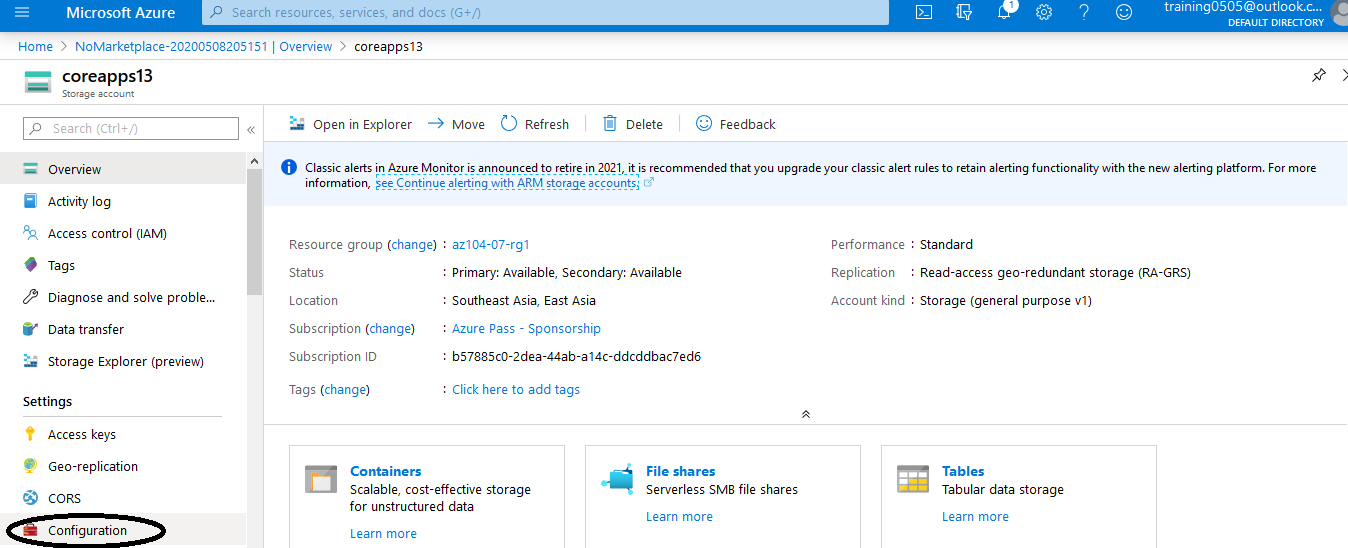
Click on **Create Button**

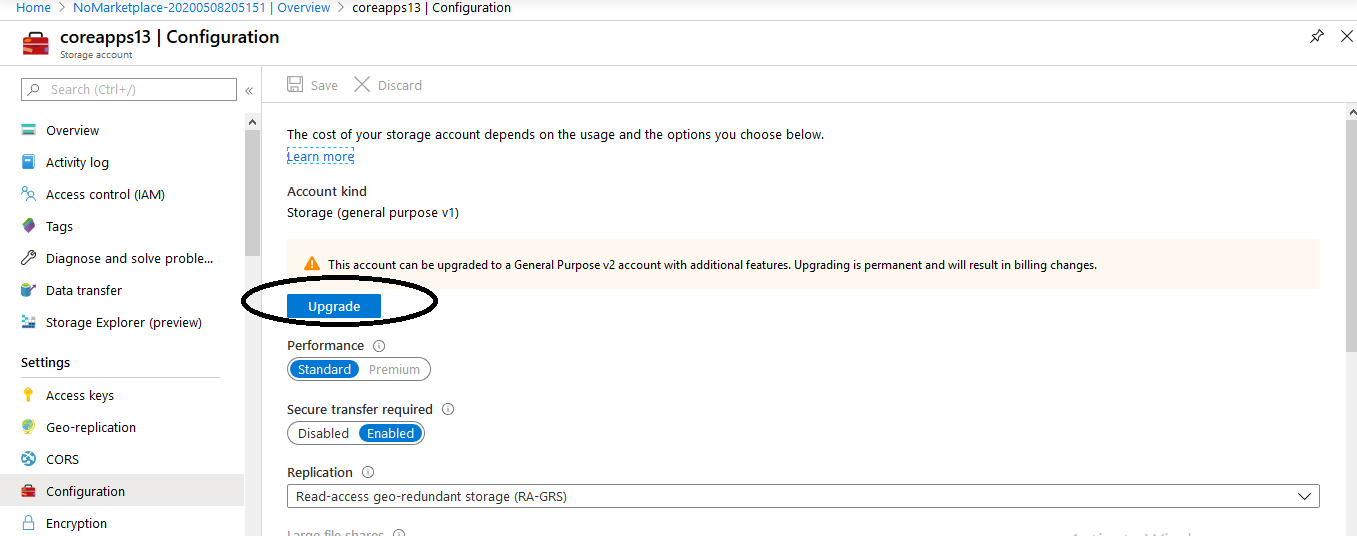




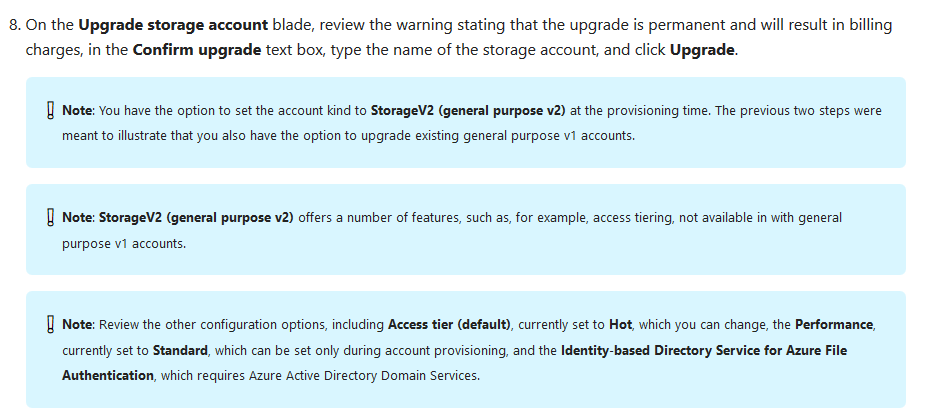








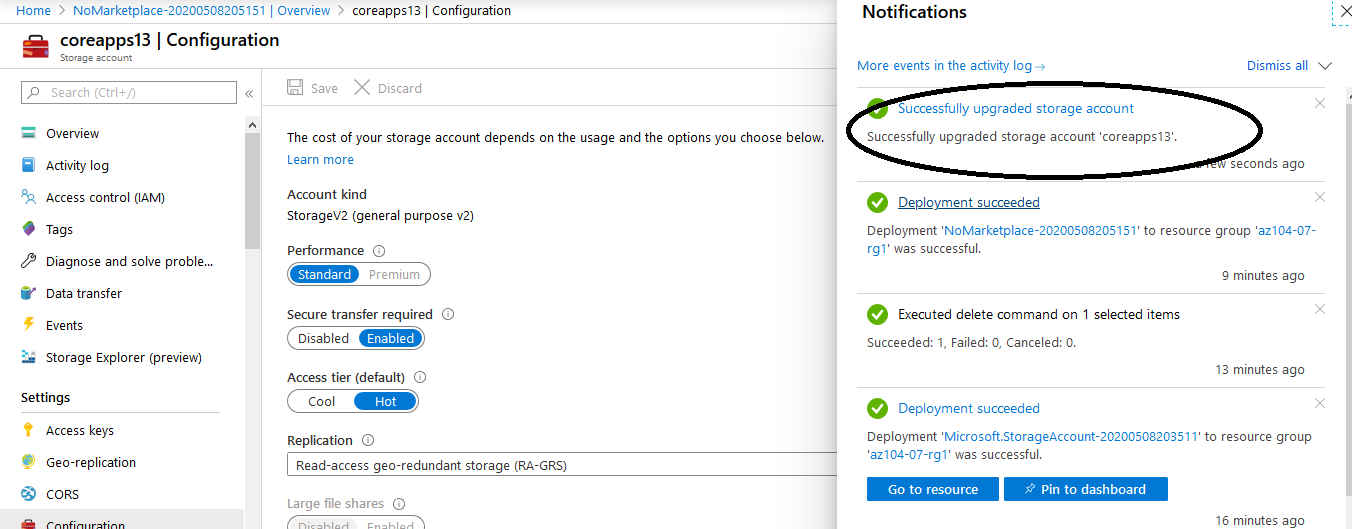
**Click on the Upgrade**



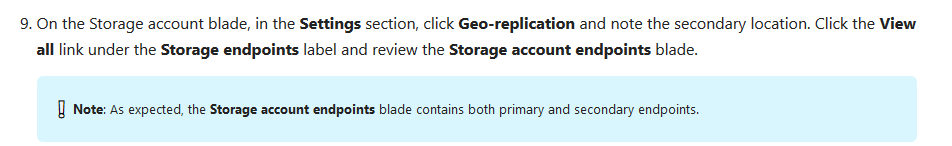


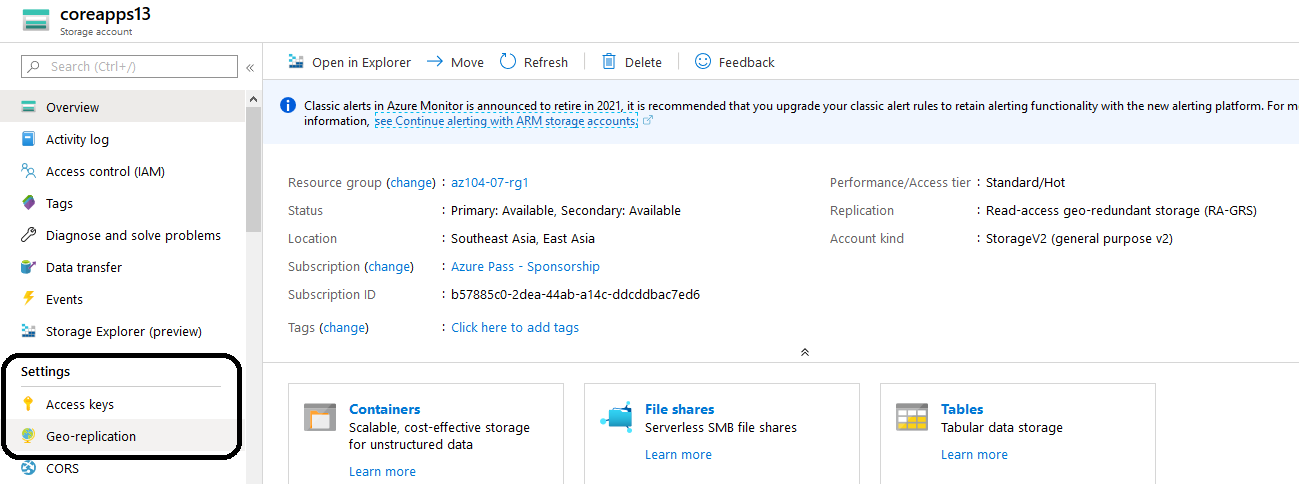


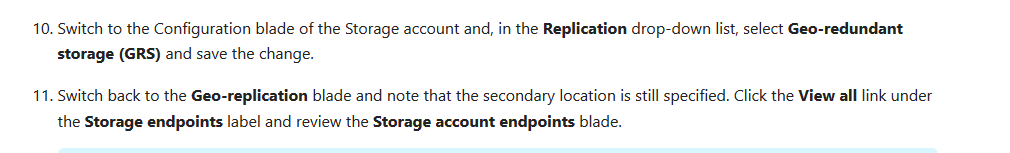
Click on the **Upgrade Button**

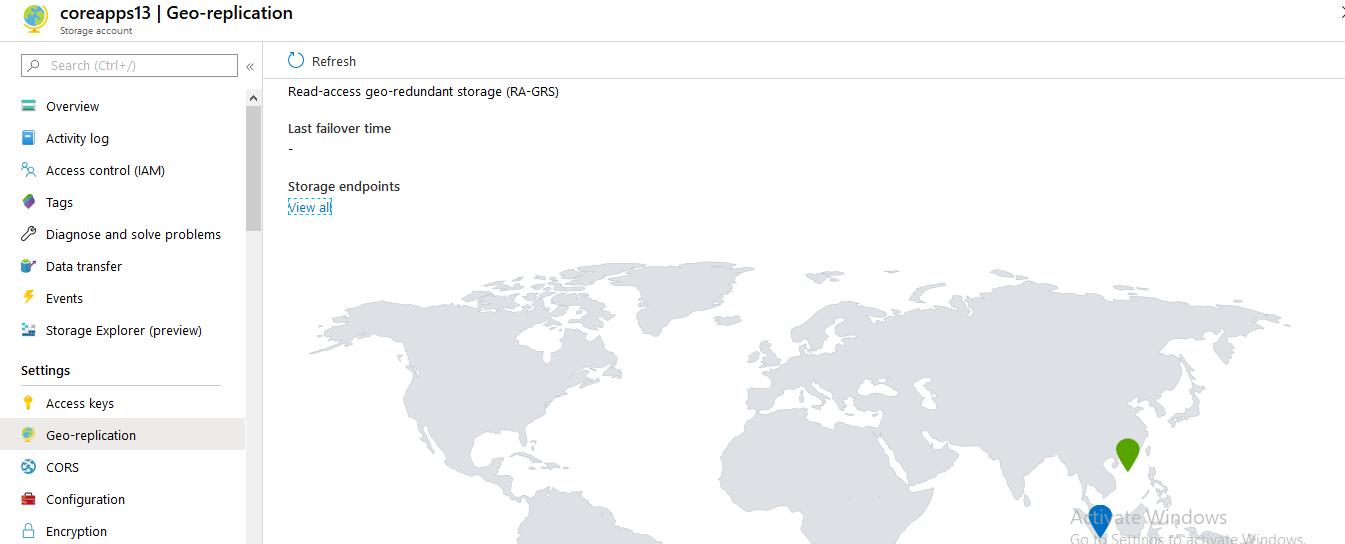
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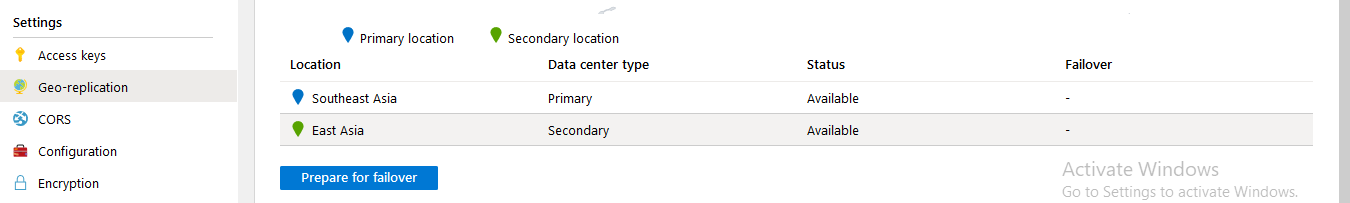
**Click on the Go to Resource**

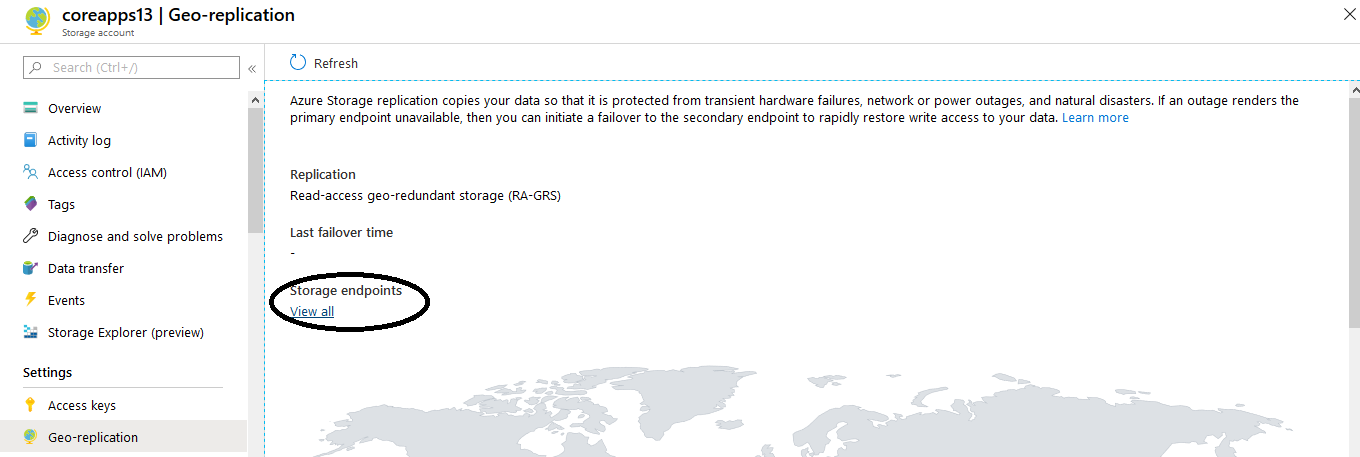
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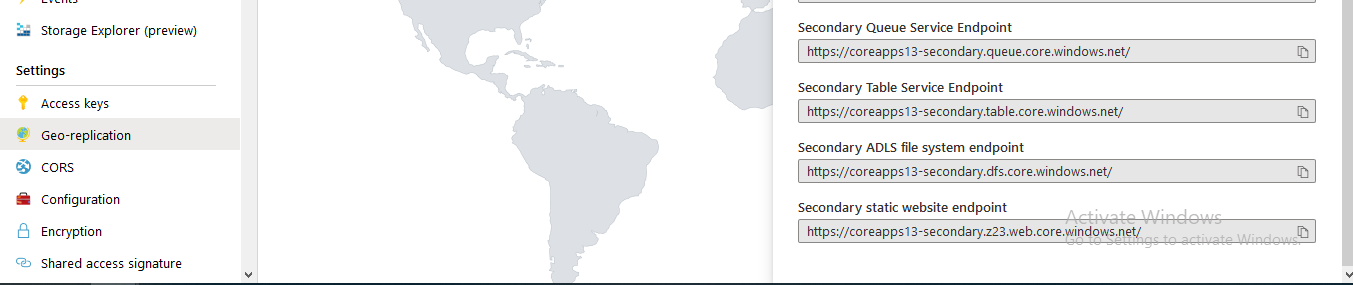
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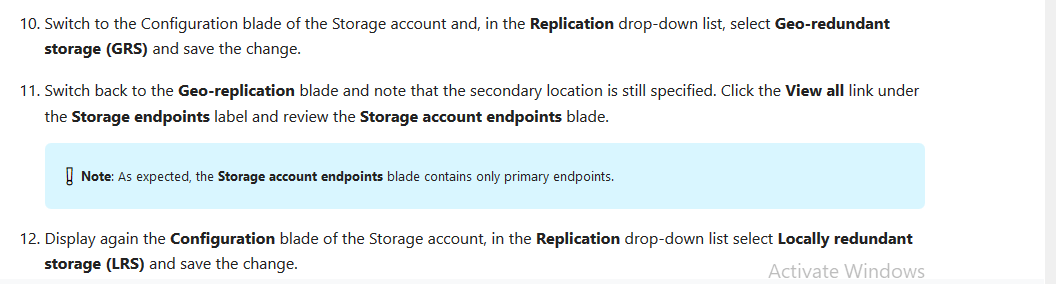
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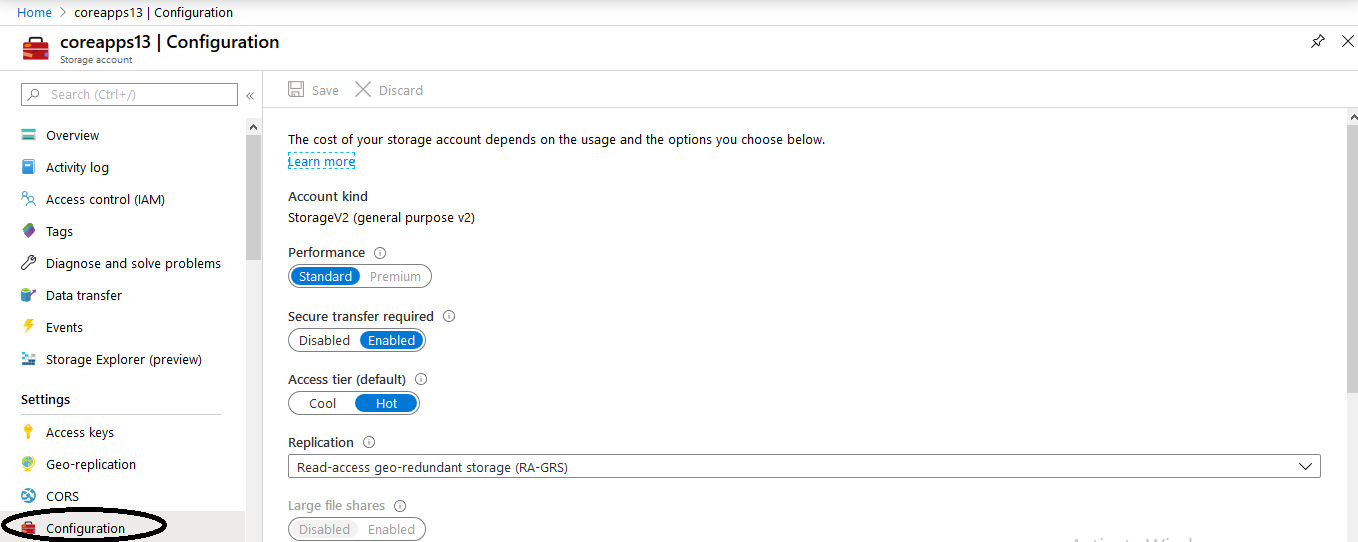
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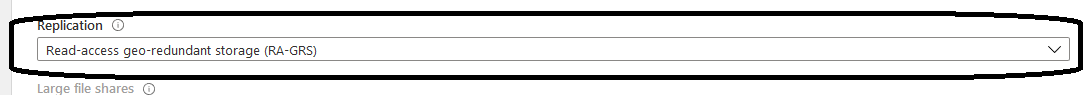
**Click on View all**

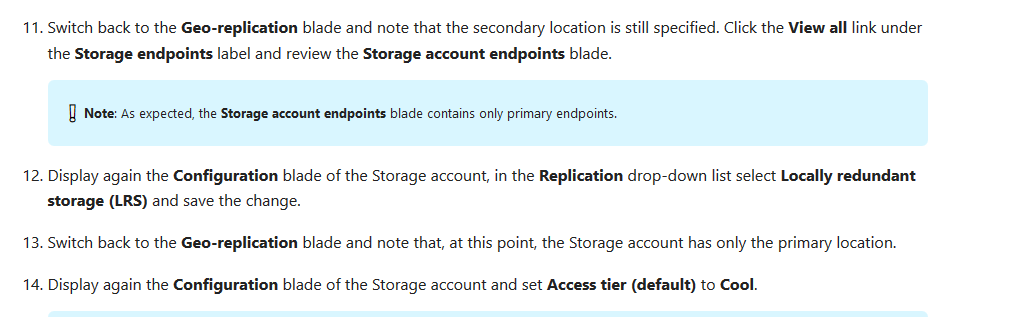
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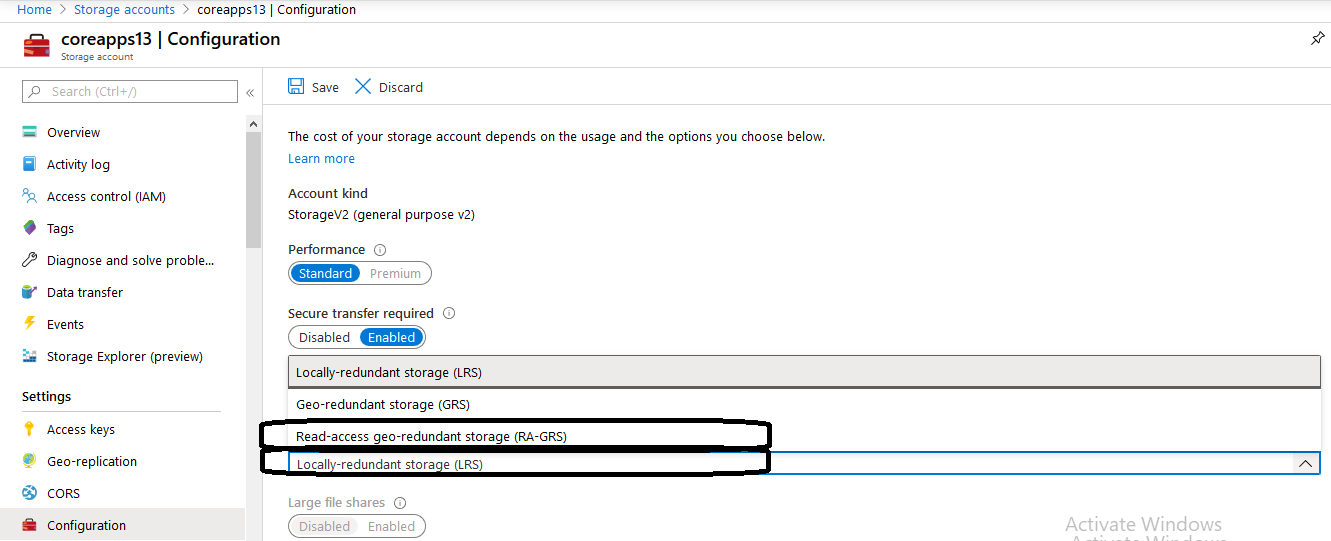
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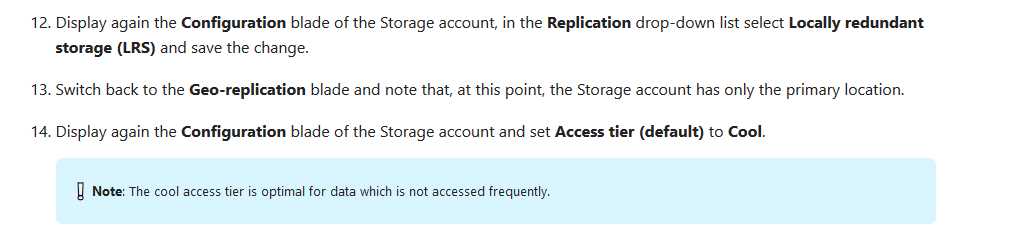
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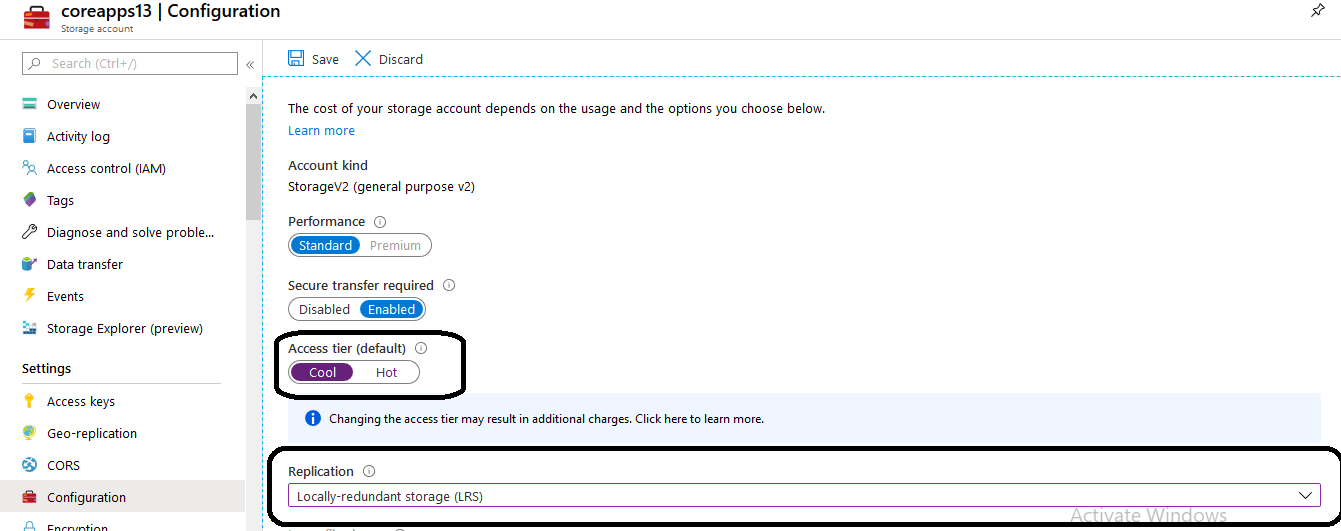
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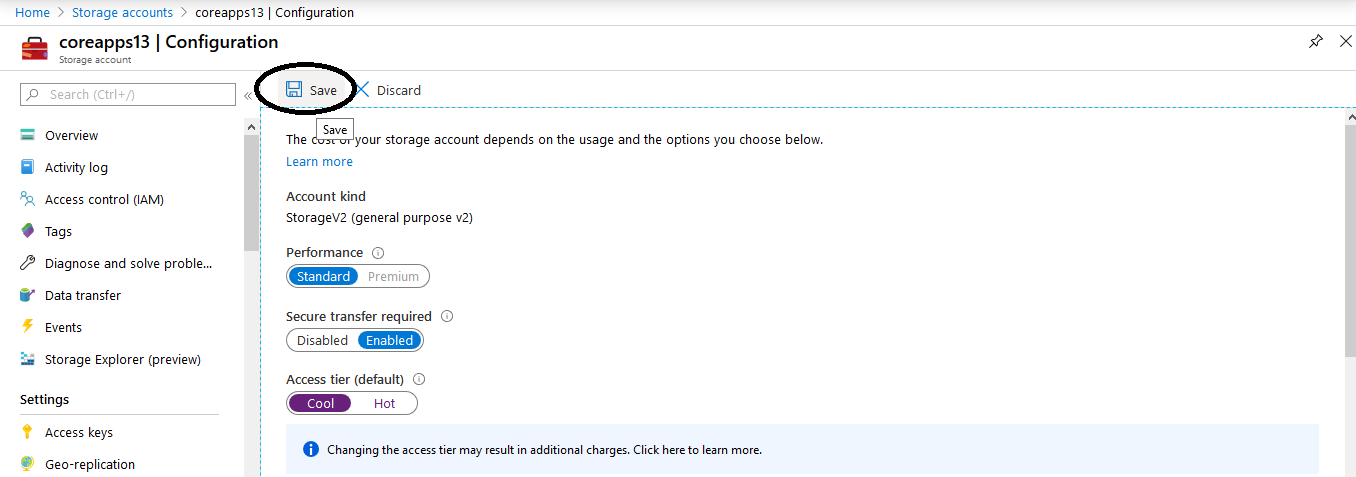
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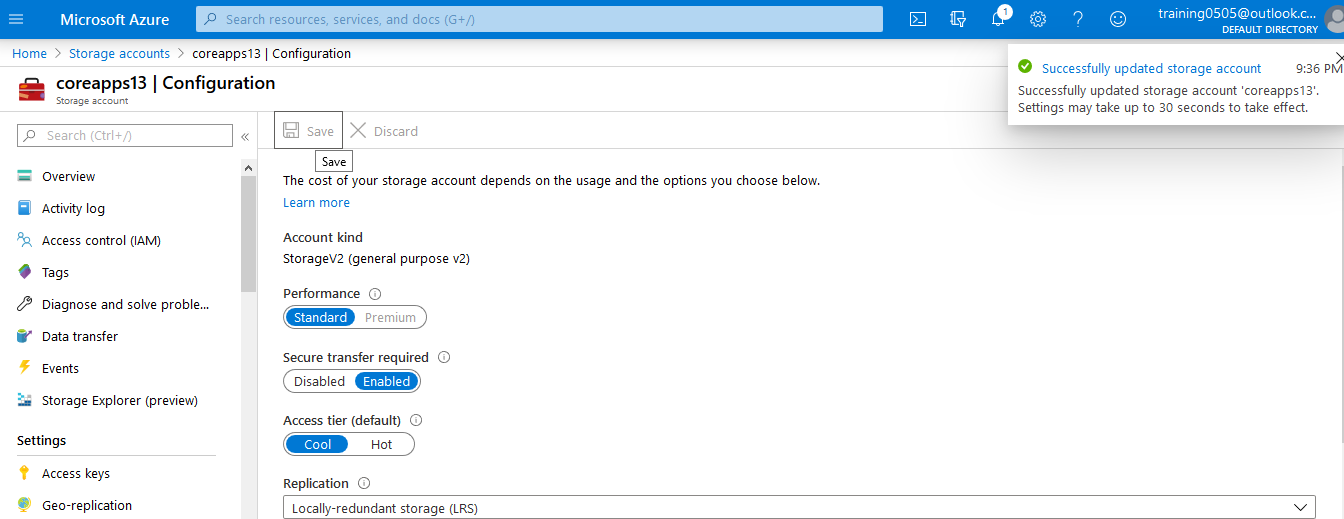
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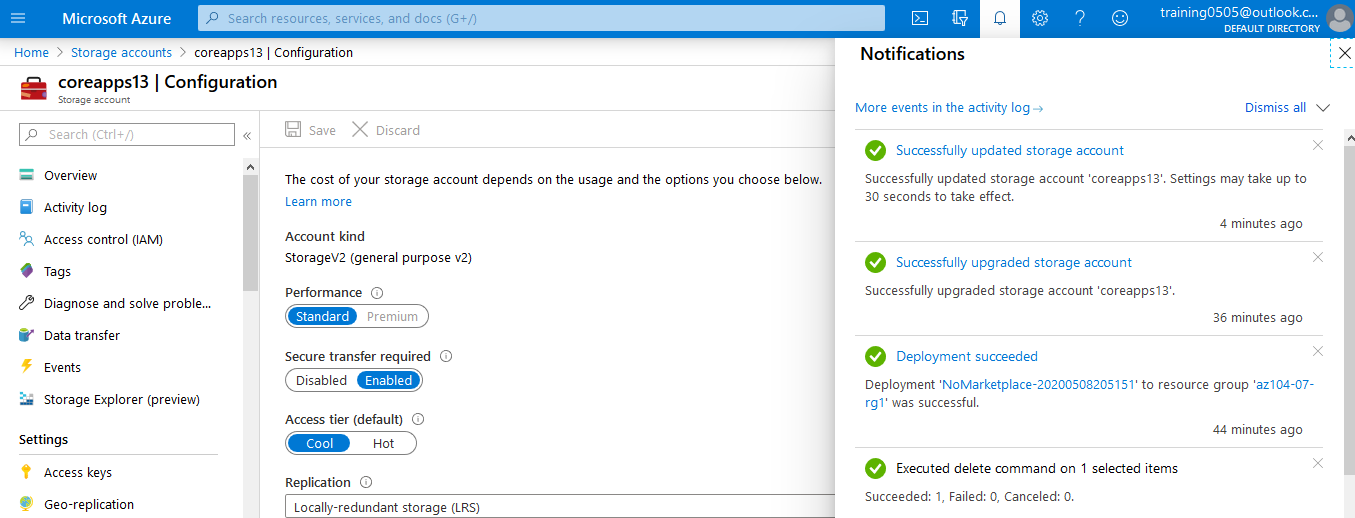
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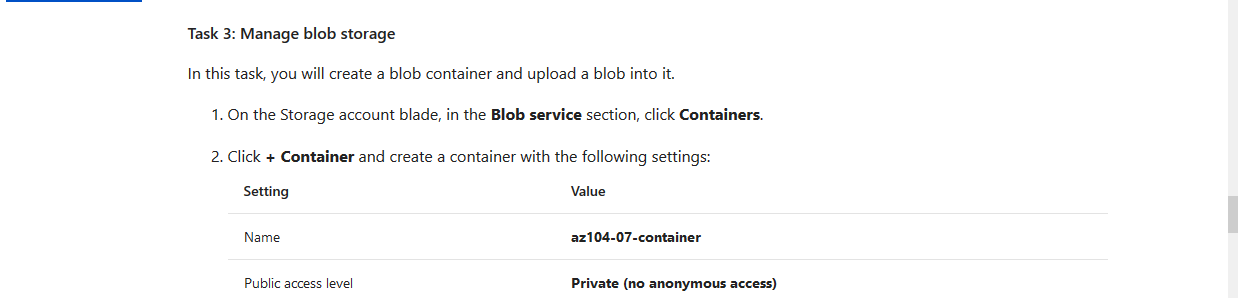
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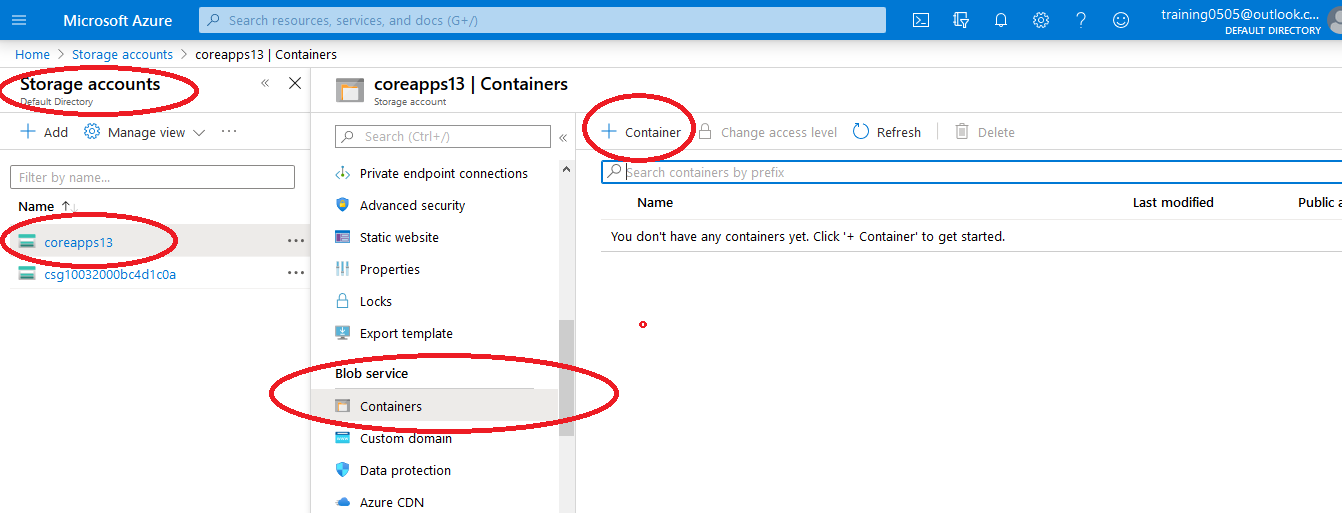
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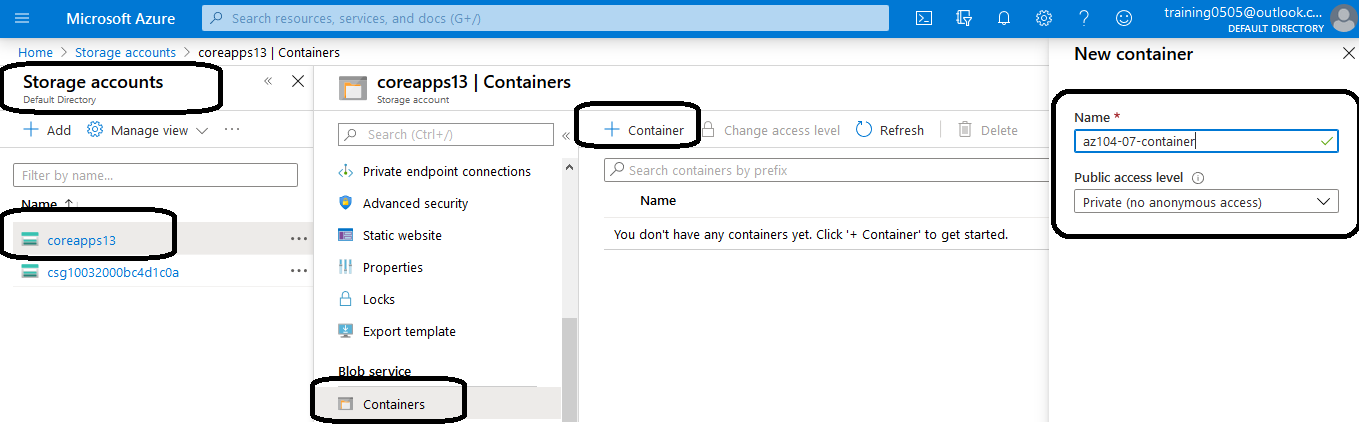
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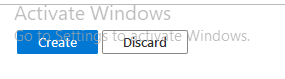
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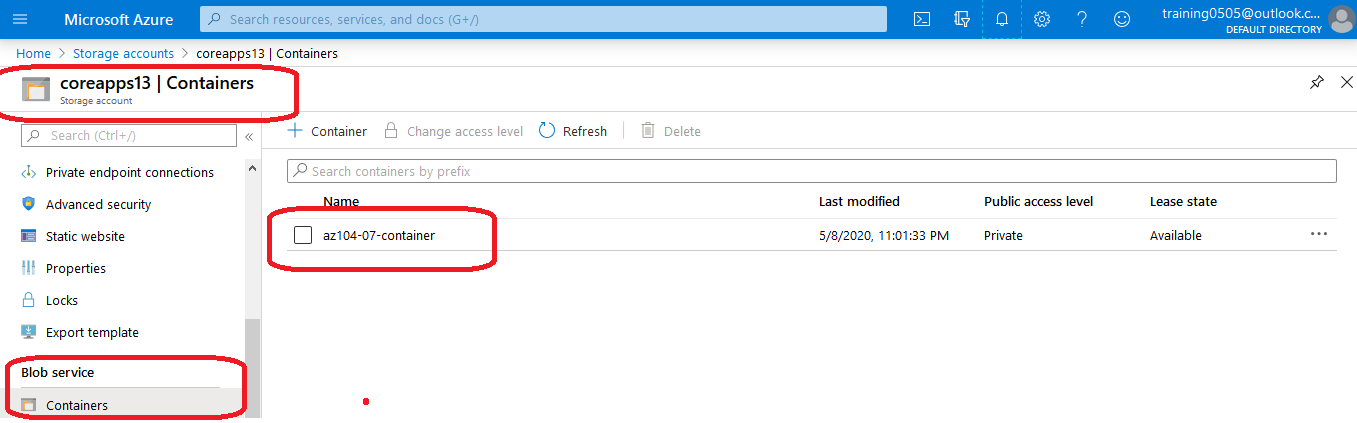
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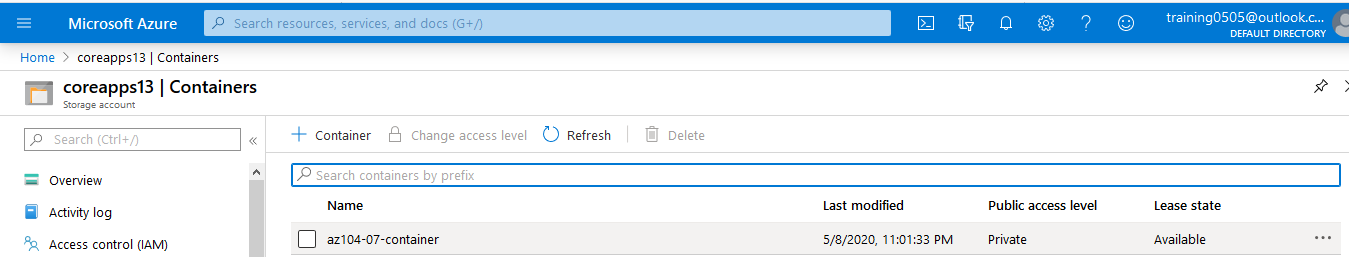
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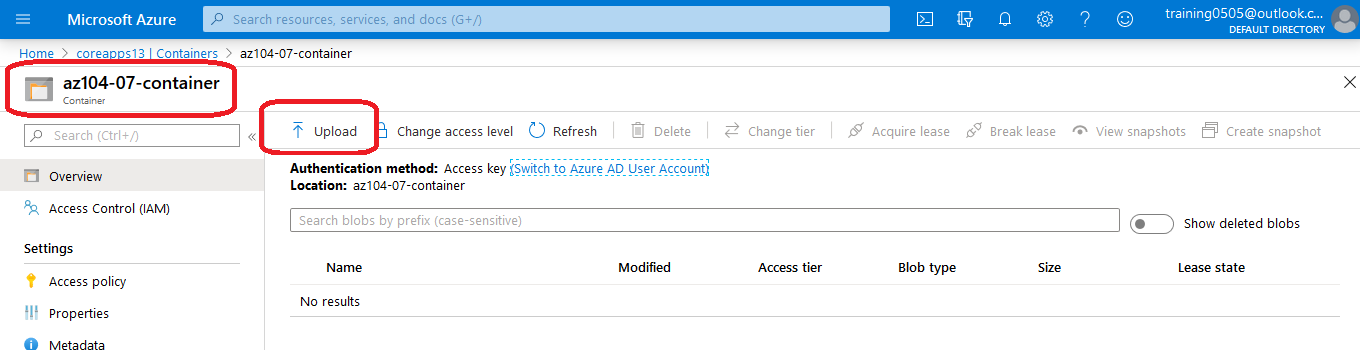
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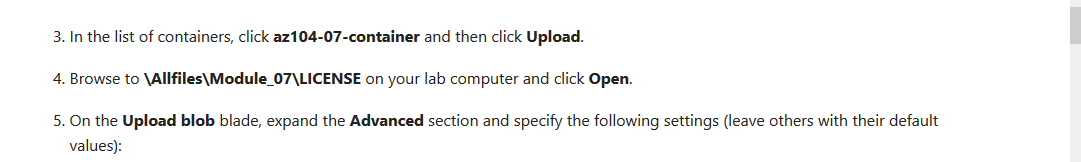
**Click on Create Button**

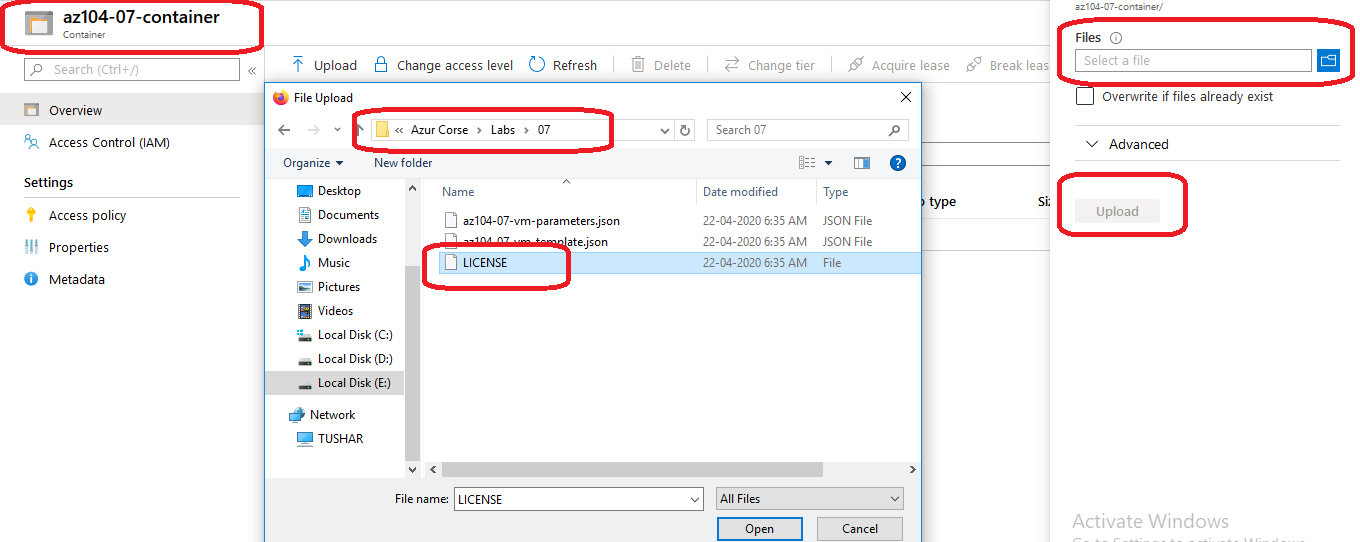
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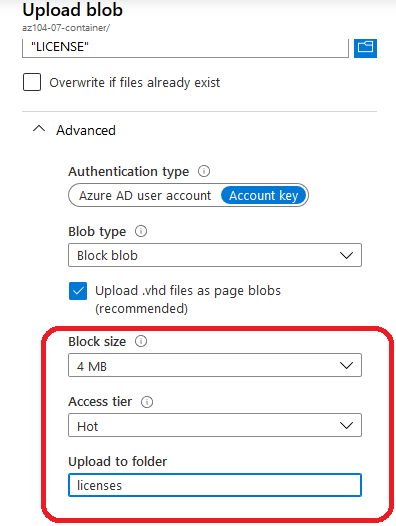
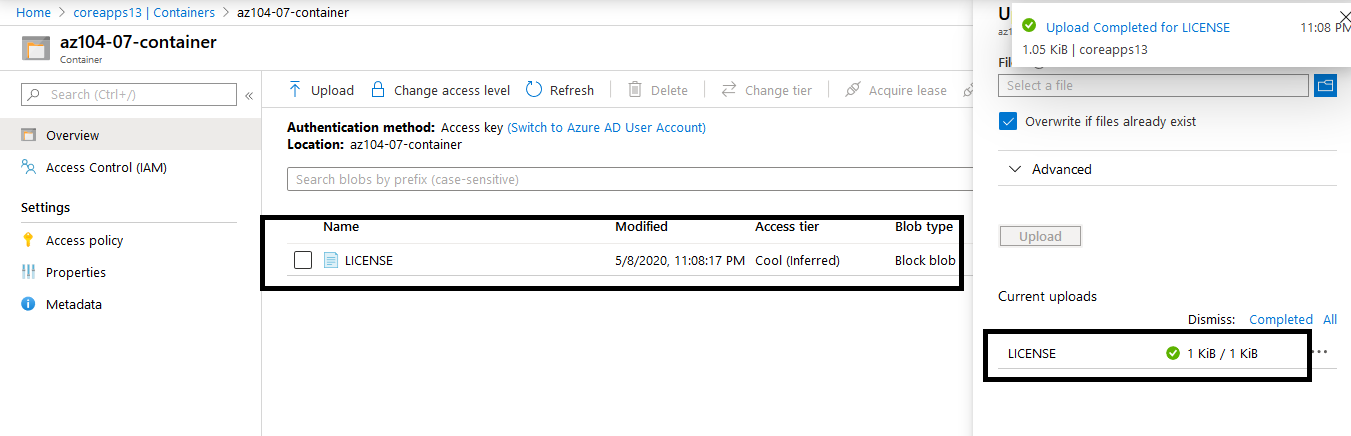
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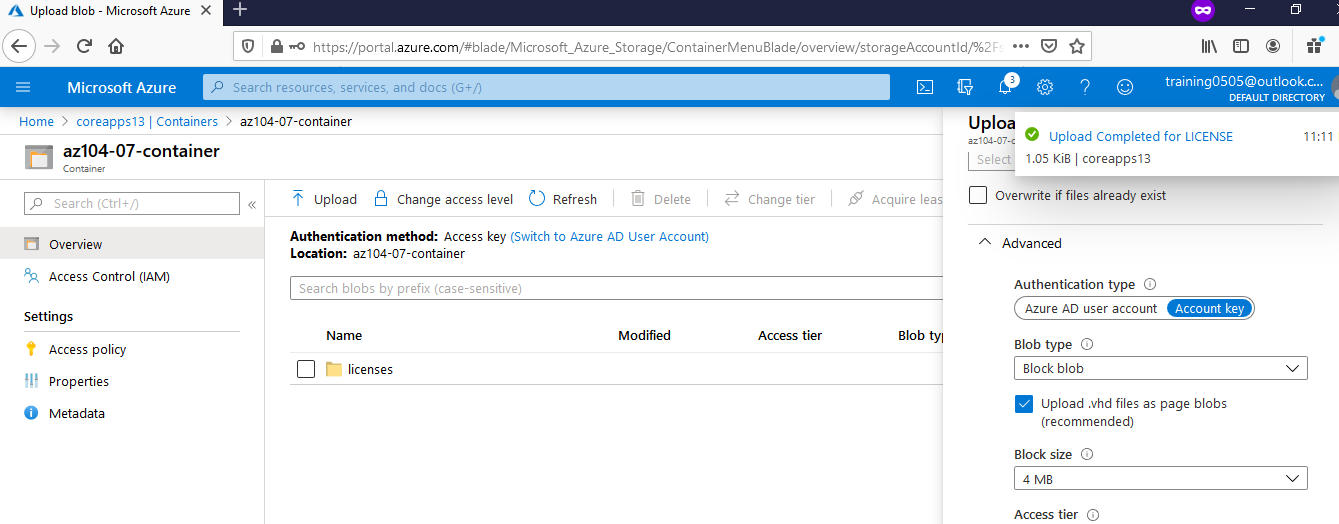
**Click on**

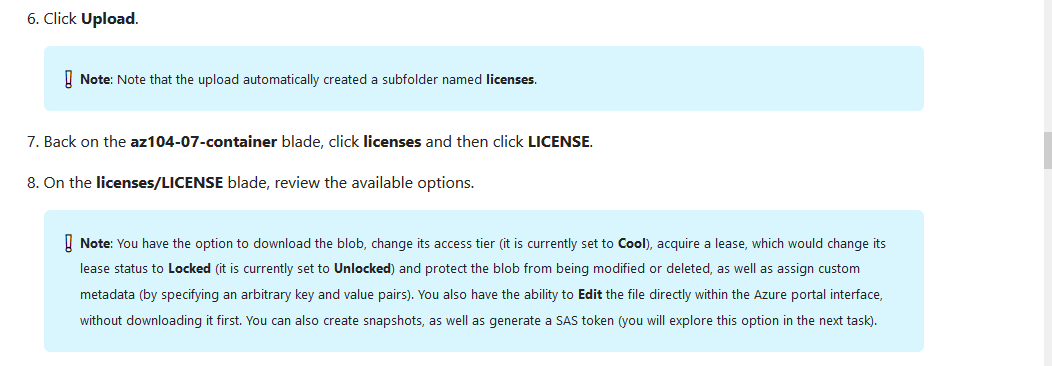
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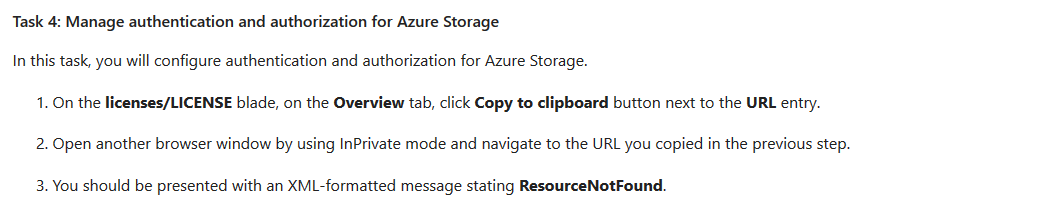
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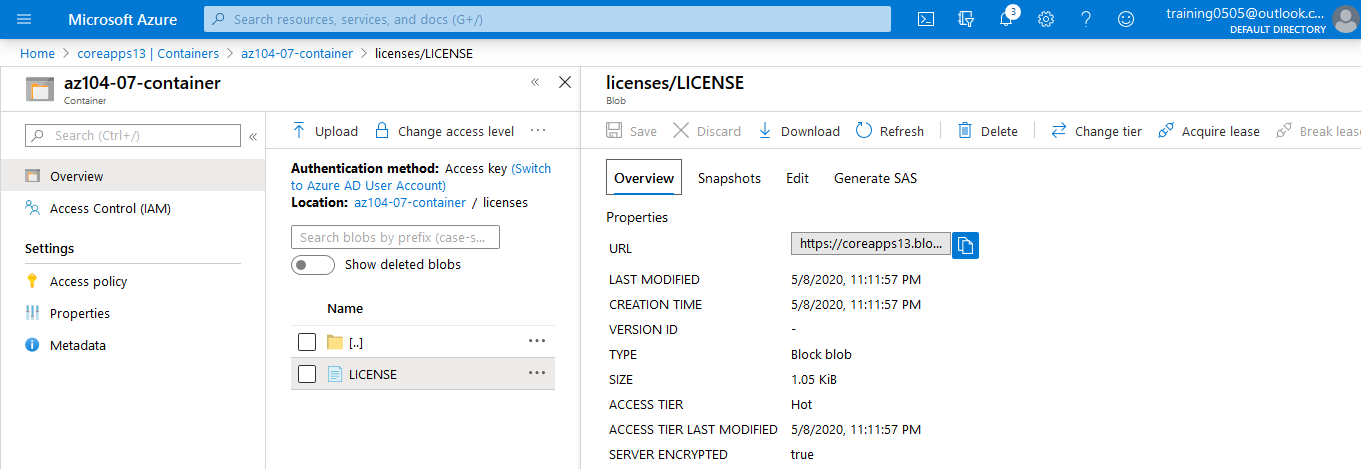
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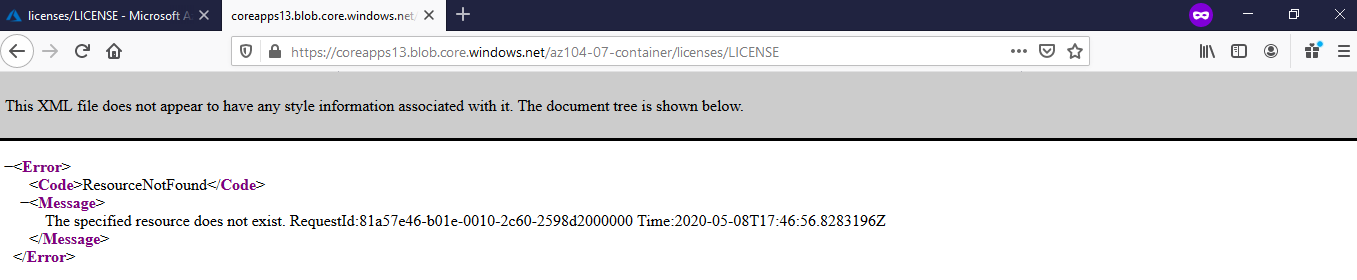
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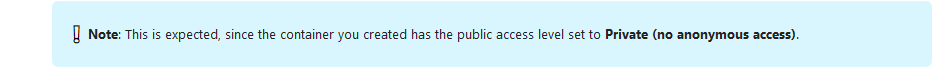
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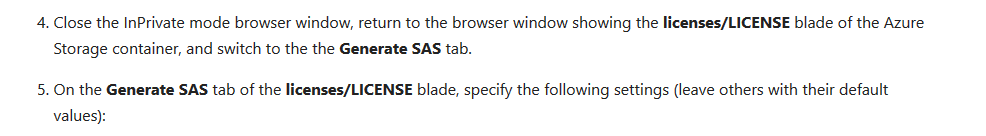
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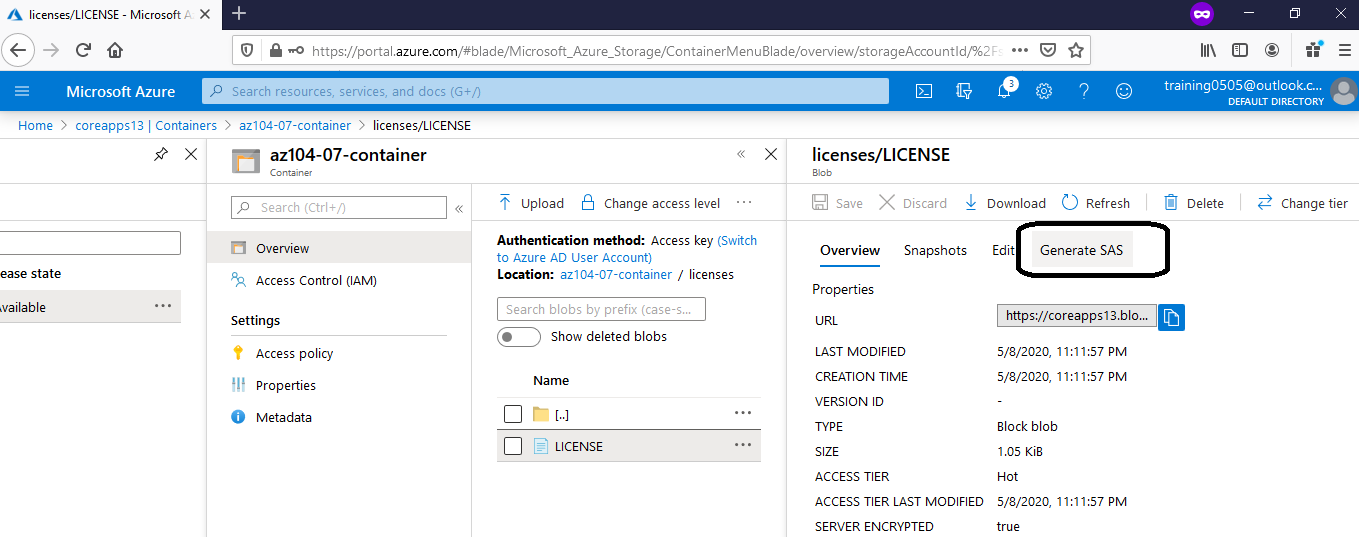
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<https://coreapps13.blob.core.windows.net/az104-07-container/licenses/LICENSE>

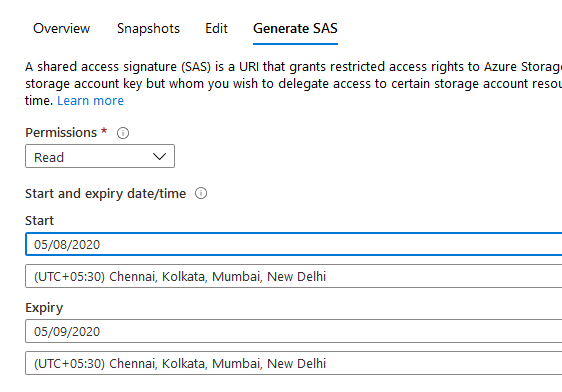


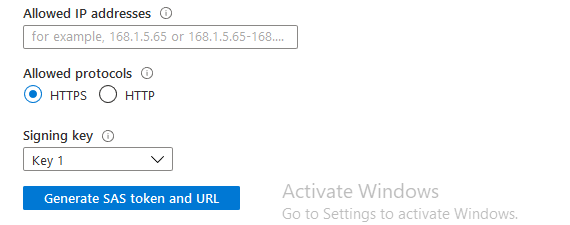


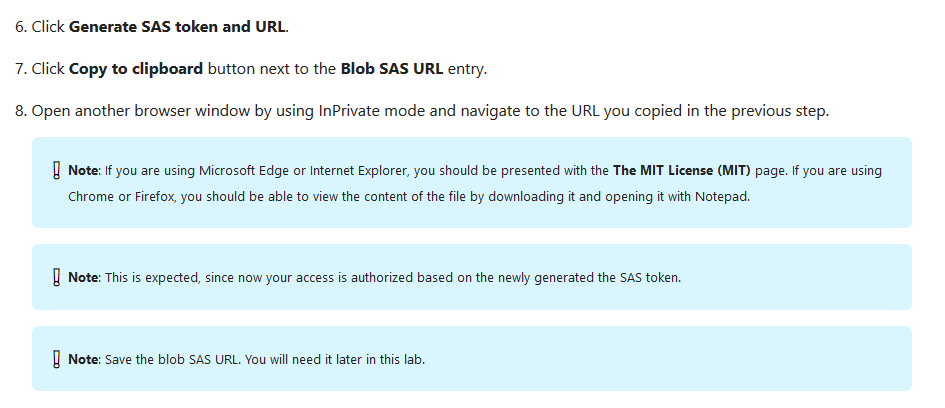






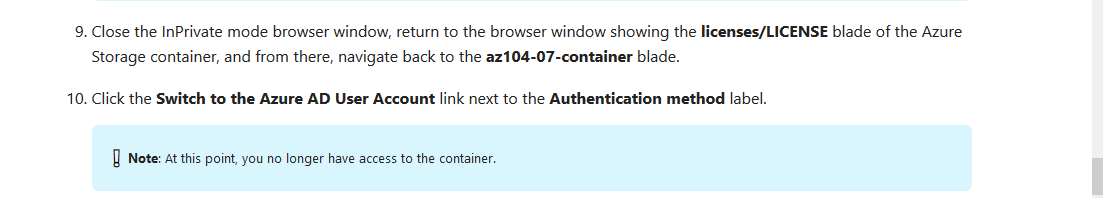


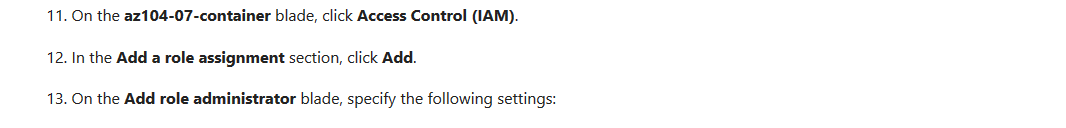


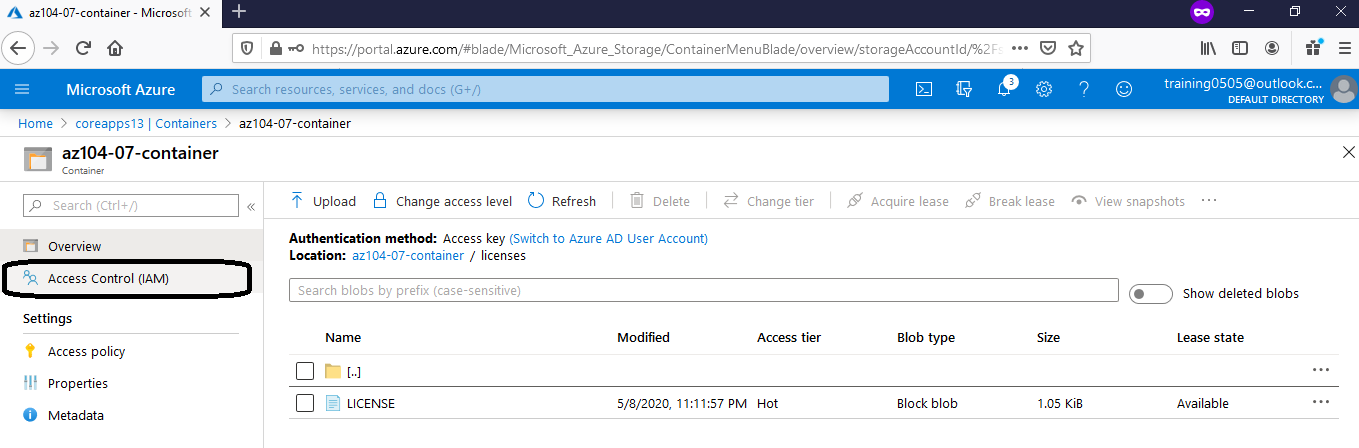
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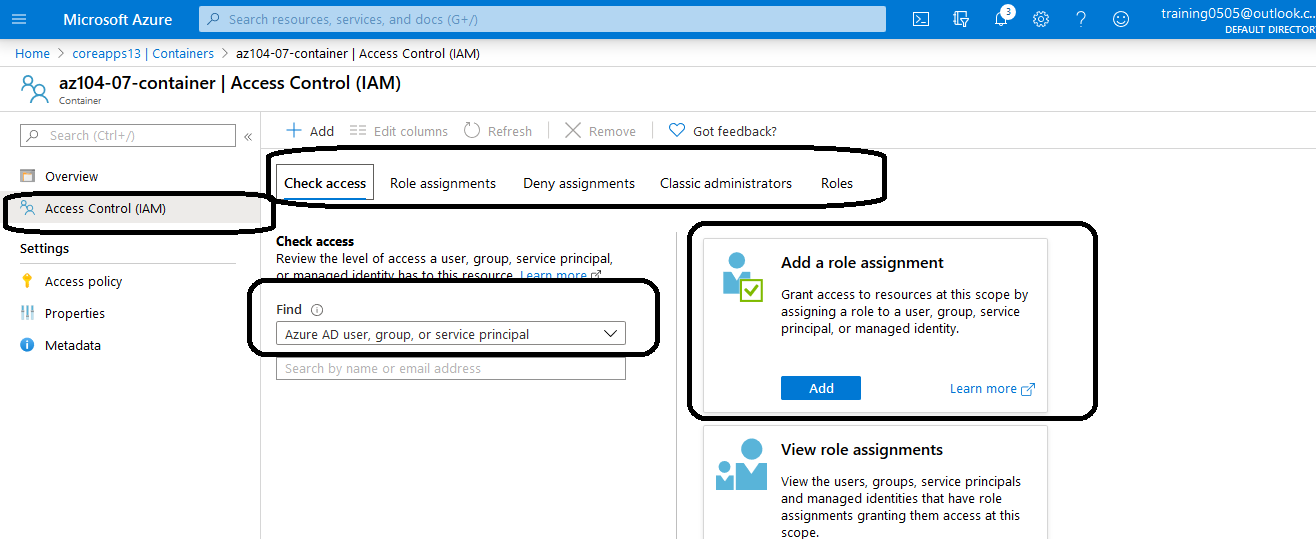
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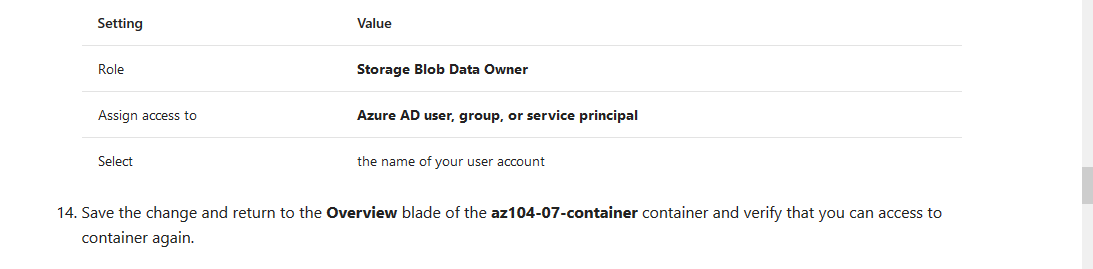
https://coreapps13.blob.core.windows.net/az104-07-container/licenses/LICENSE?sp=r&st=2020-05-08T17:50:35Z&se=2020-05-09T01:50:35Z&spr=https&sv=2019-10-10&sr=b&sig=n%2FGbtms0wYttzSWTdXieHRTTD8N0Wzn4%2FlGkaV87P1I%3D

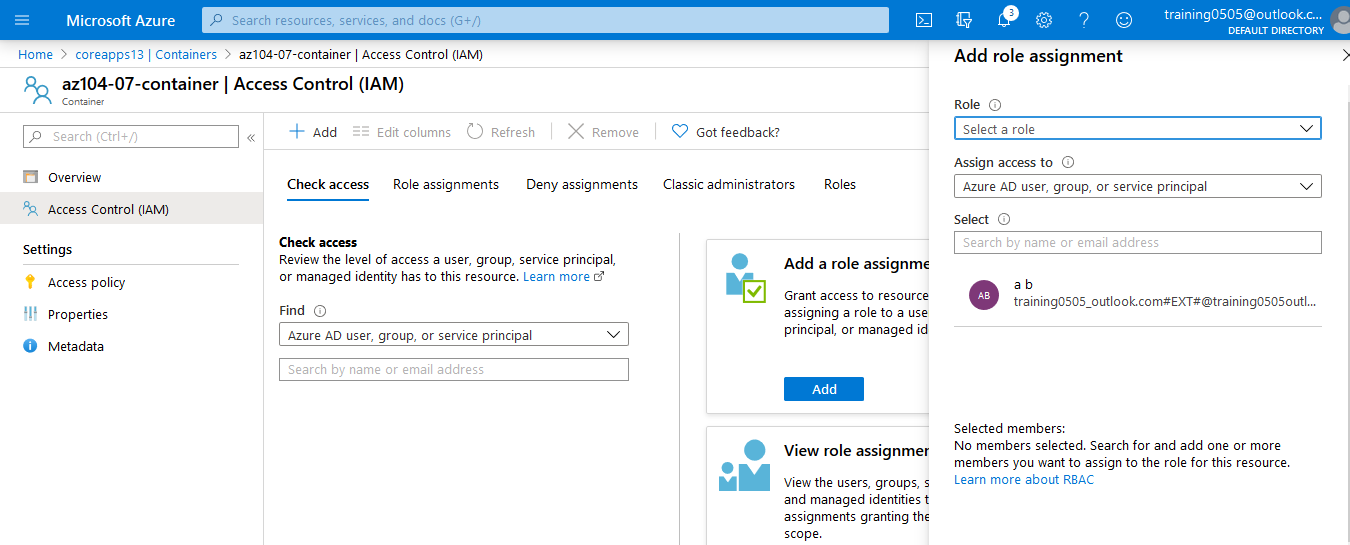
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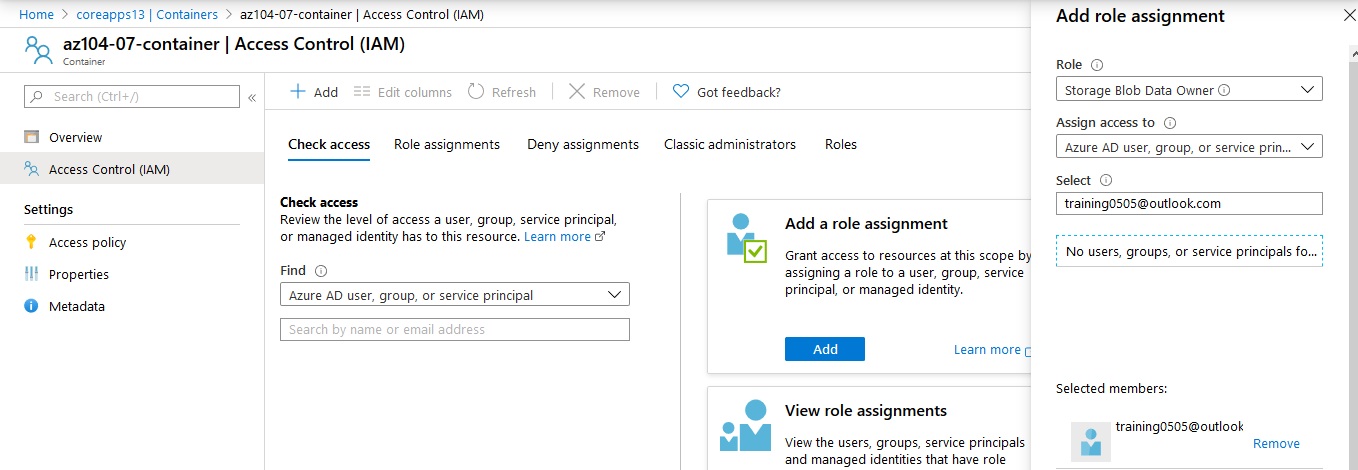
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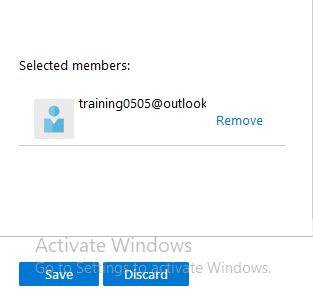
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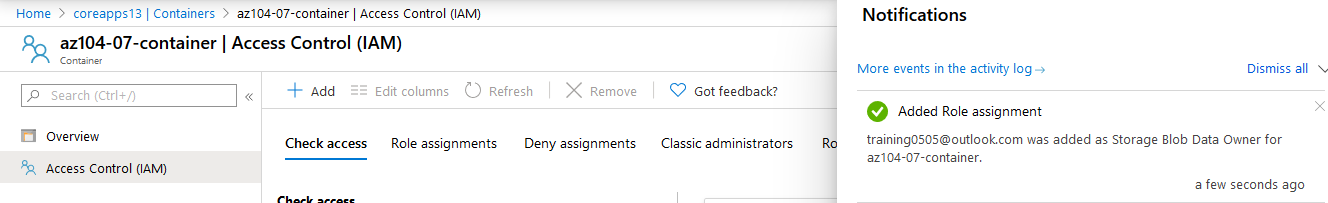
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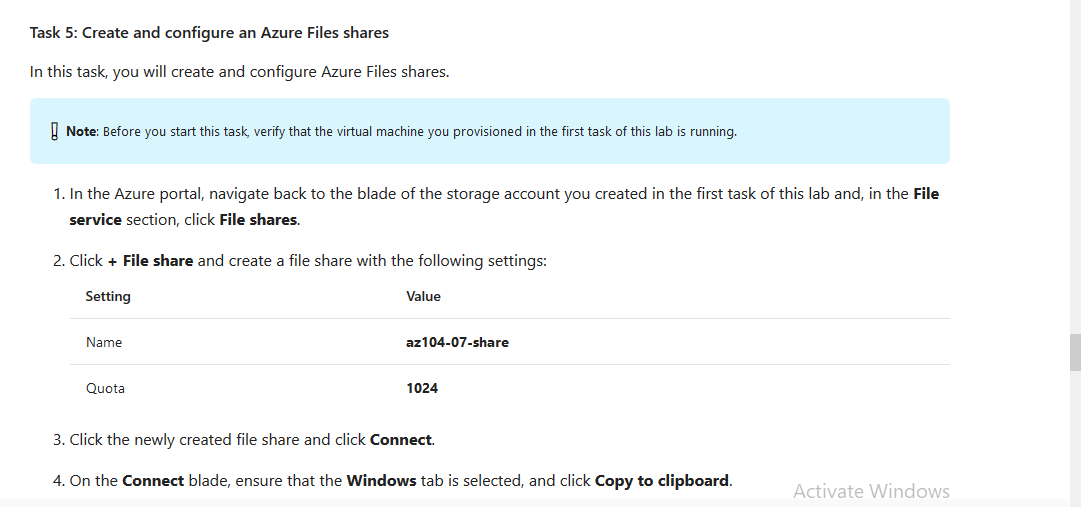
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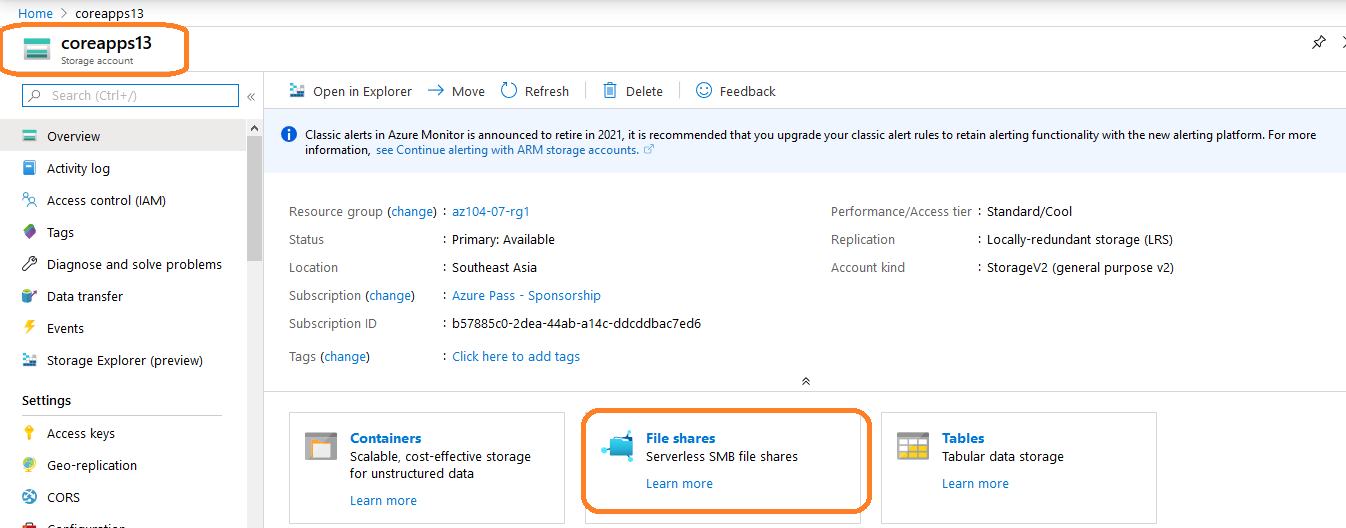
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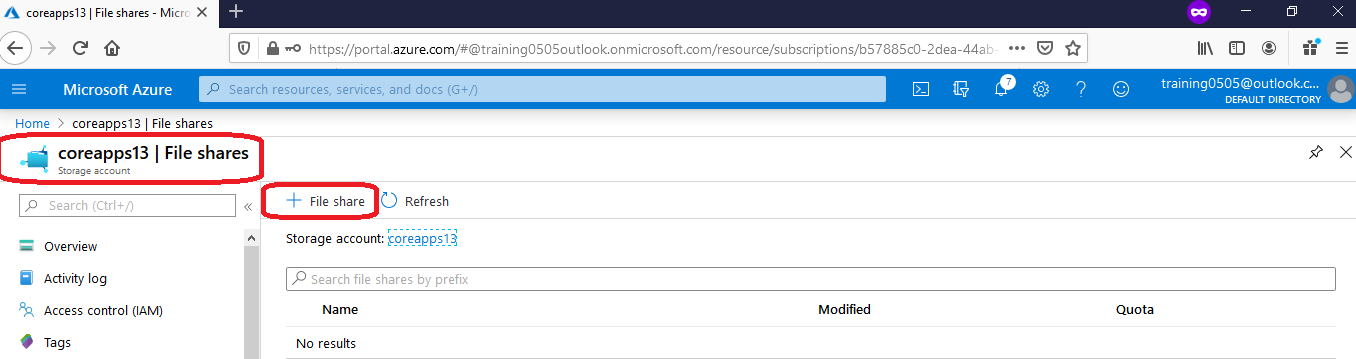
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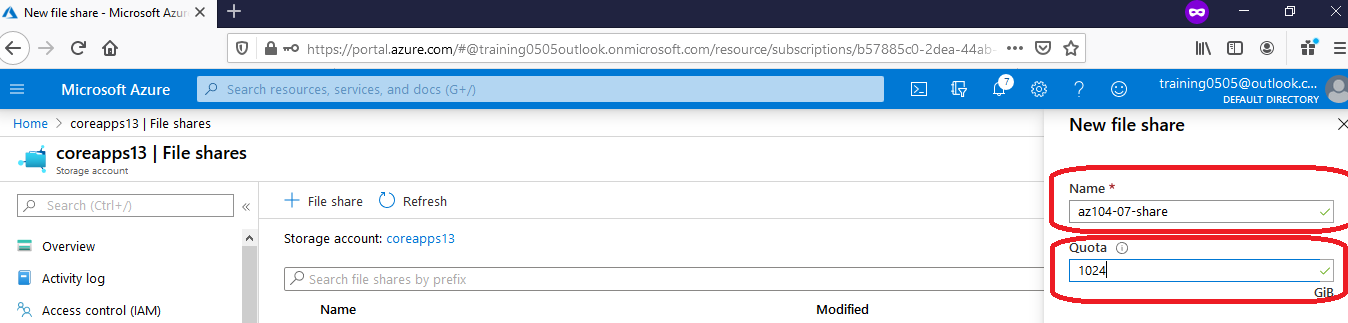
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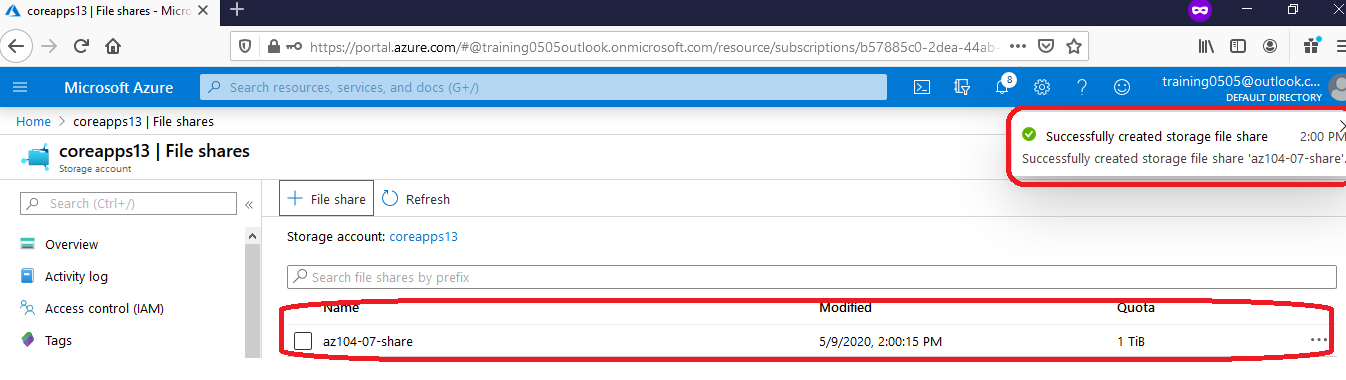
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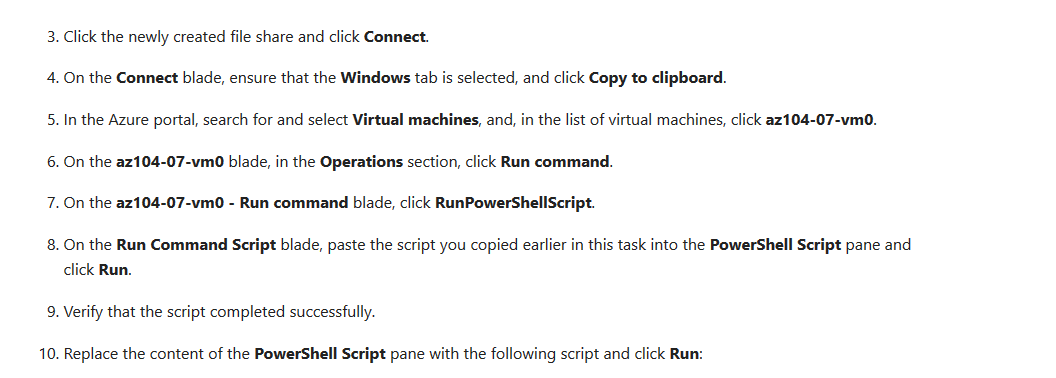
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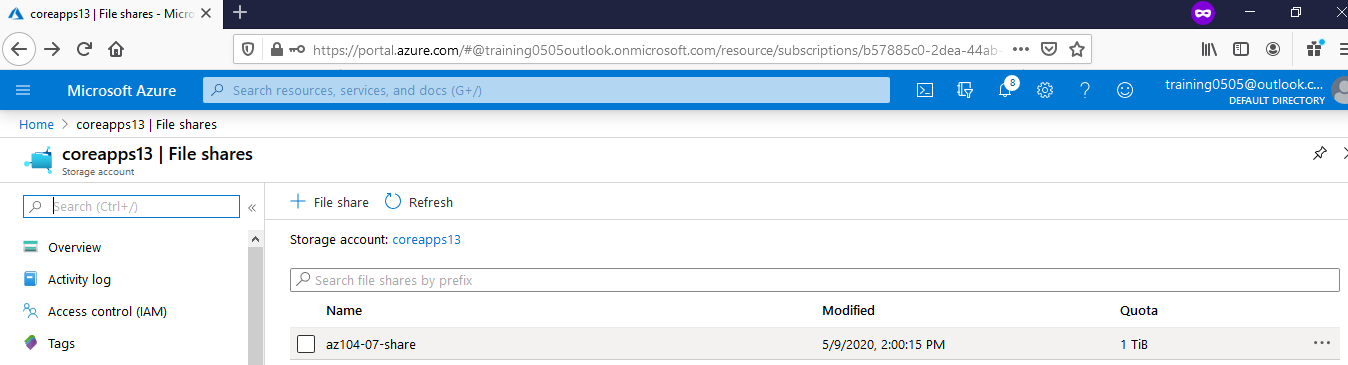
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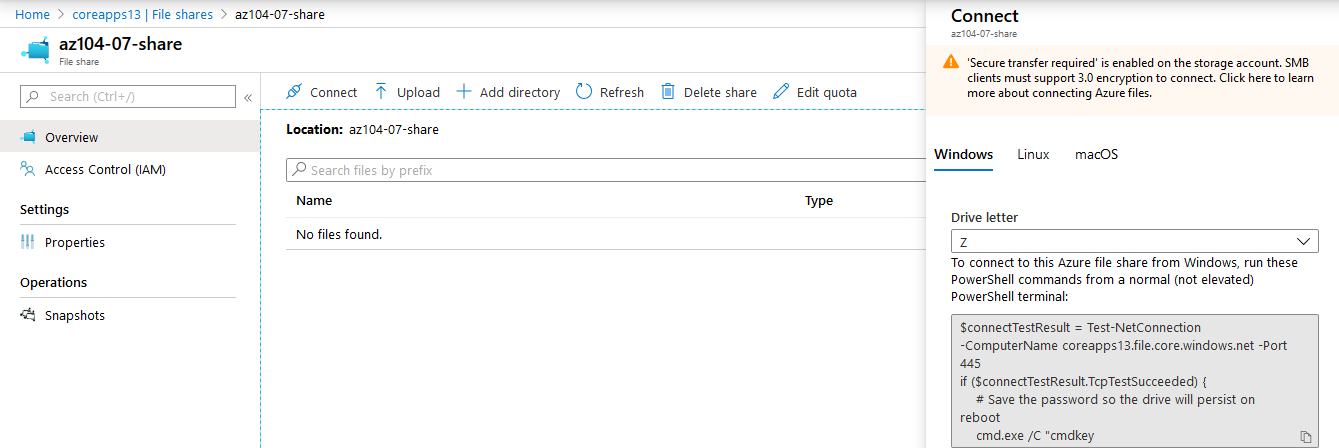
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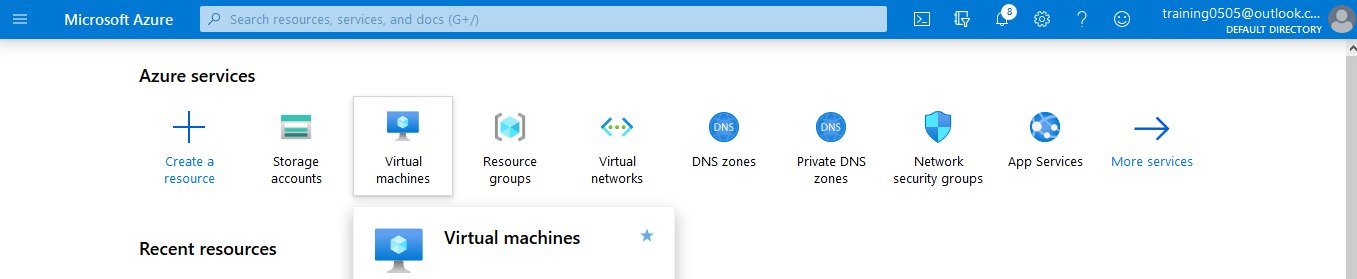
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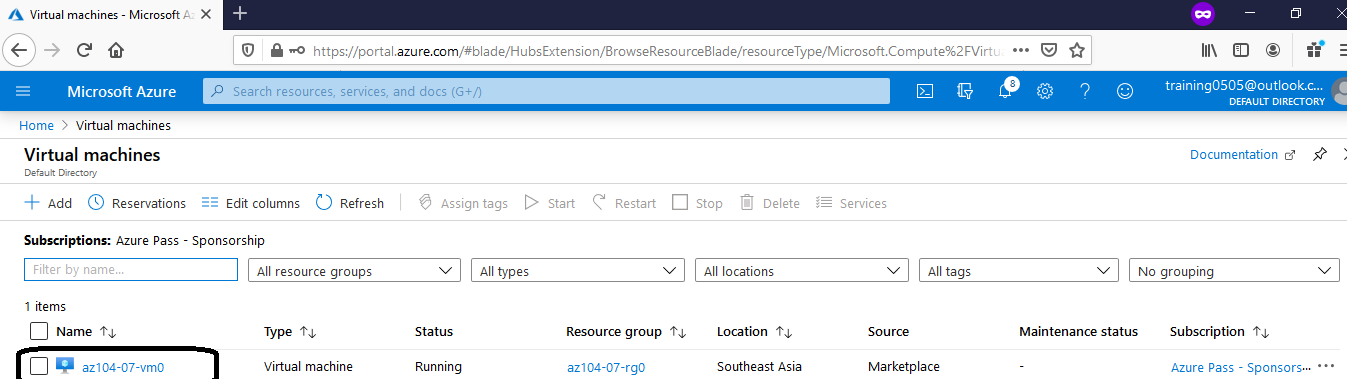
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**Click on**

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$connectTestResult = Test-NetConnection -ComputerName coreapps13.file.core.windows.net -Port 445

if ($connectTestResult.TcpTestSucceeded) {

# Save the password so the drive will persist on reboot

cmd.exe /C "cmdkey /add:`"coreapps13.file.core.windows.net`" /user:`"Azure\coreapps13`" /pass:`"5kPejV/LhF9OftkCXLSFTn6Q7bxJaelQiJ+XIx4MeTDl1UcJoq5Z6gYTmgA1++yfLMrd2JWEExQXmQ7LvJ/Erg==`""

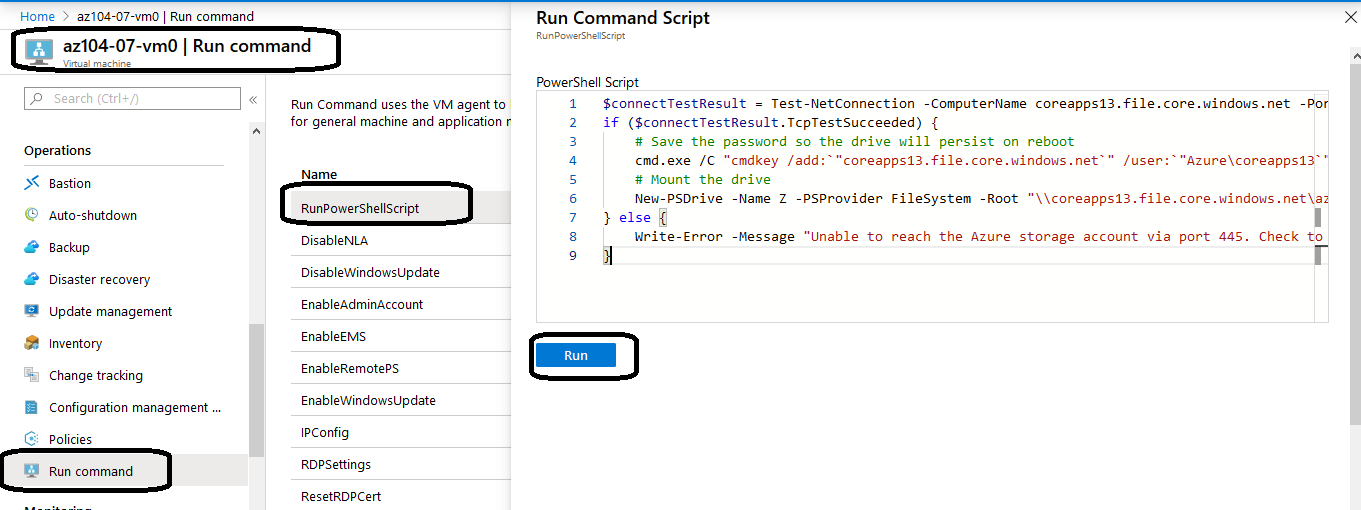
# Mount the drive

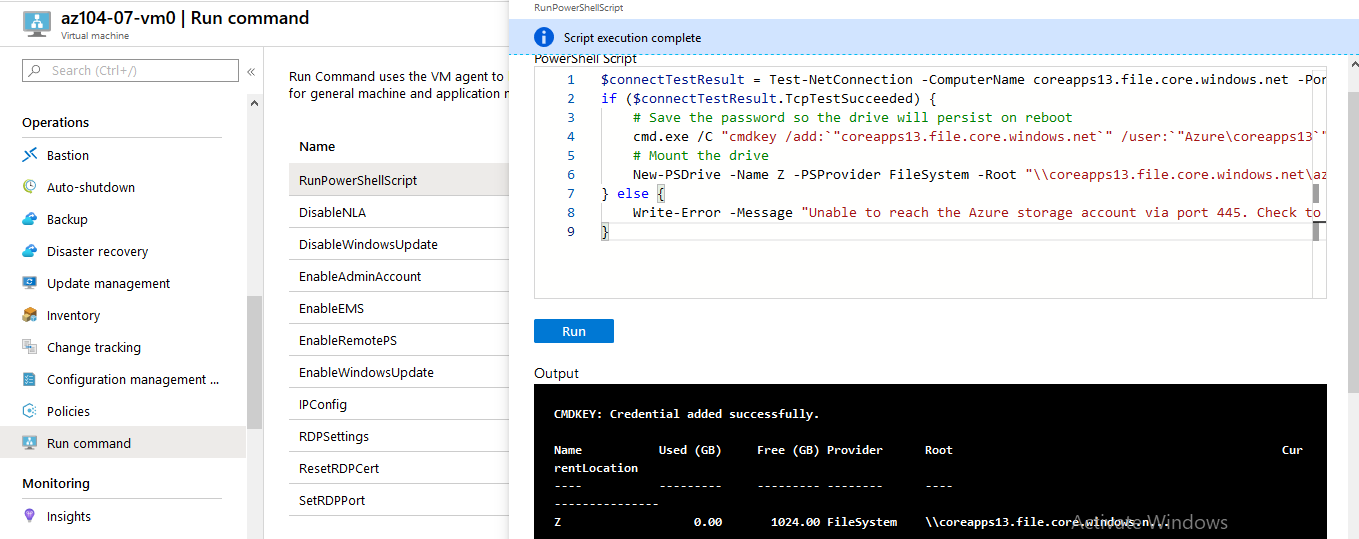
New-PSDrive -Name Z -PSProvider FileSystem -Root "\\coreapps13.file.core.windows.net\az104-07-share"-Persist

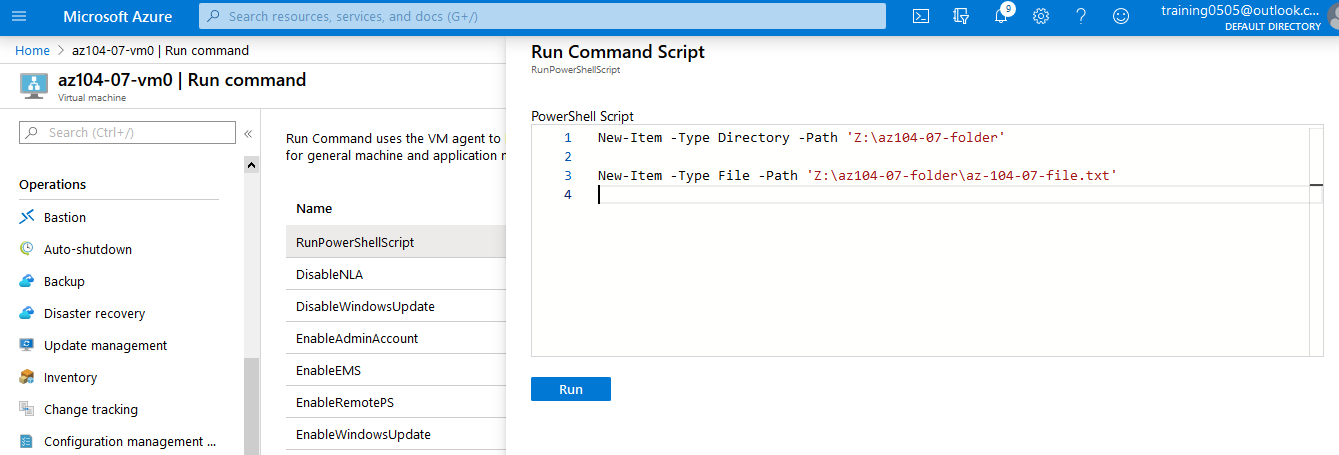
} else {

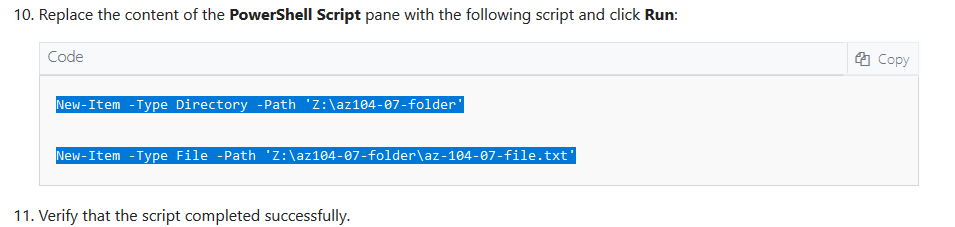
Write-Error -Message "Unable to reach the Azure storage account via port 445. Check to make sure your organization or ISP is not blocking port 445, or use Azure P2S VPN, Azure S2S VPN, or Express Route to tunnel SMB traffic over a different port."

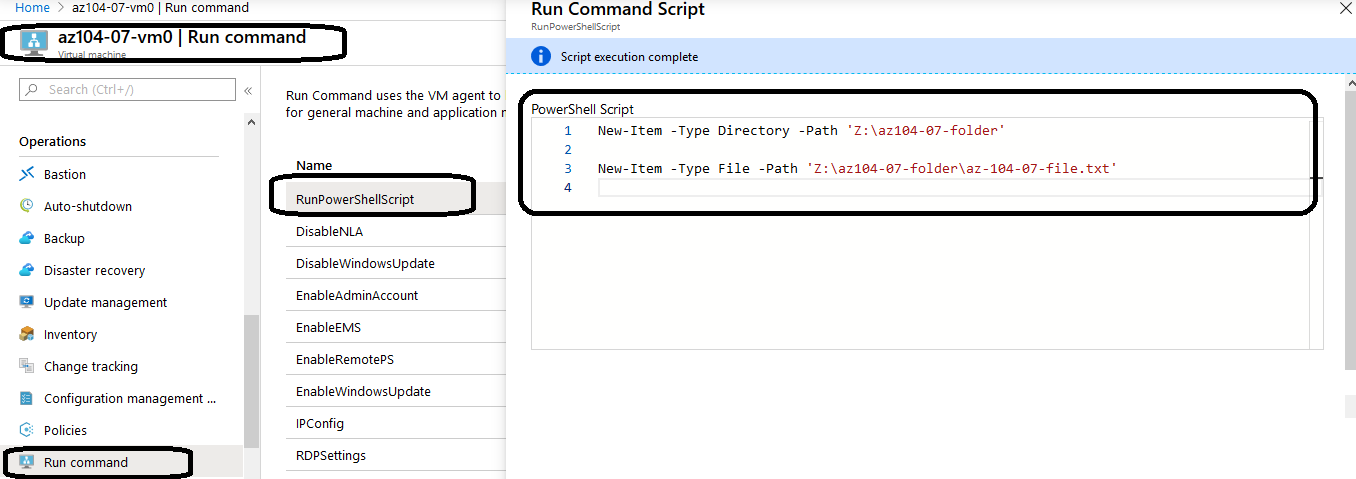
}

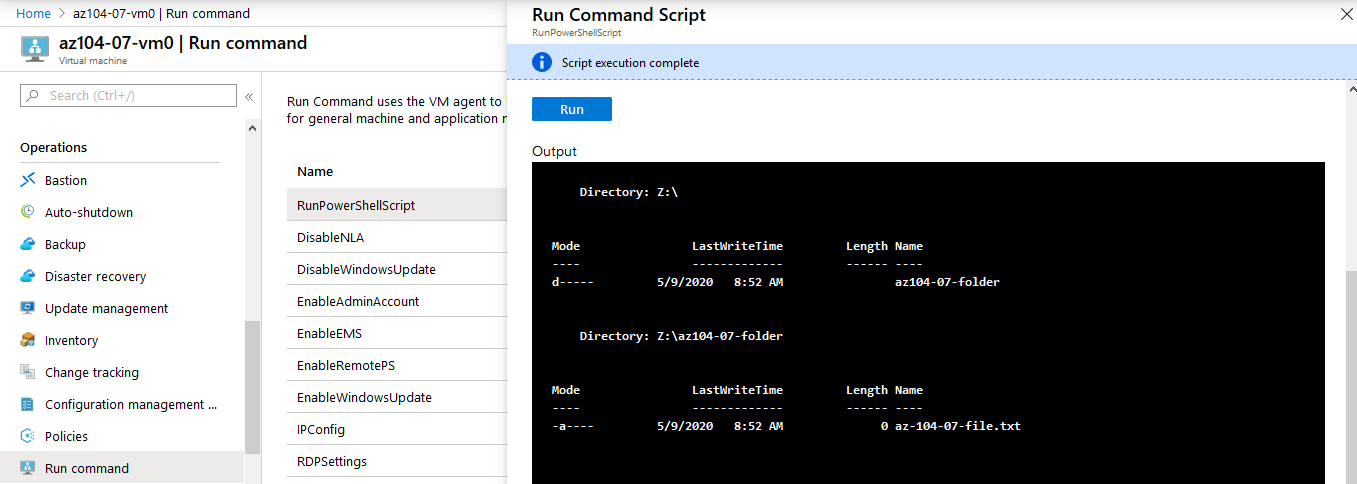
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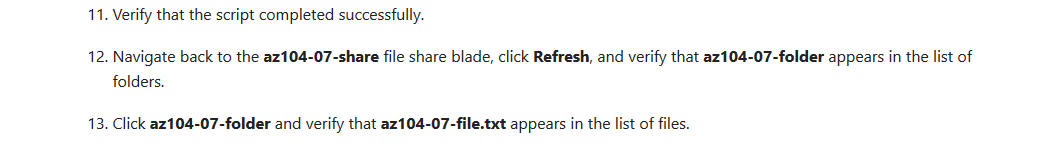
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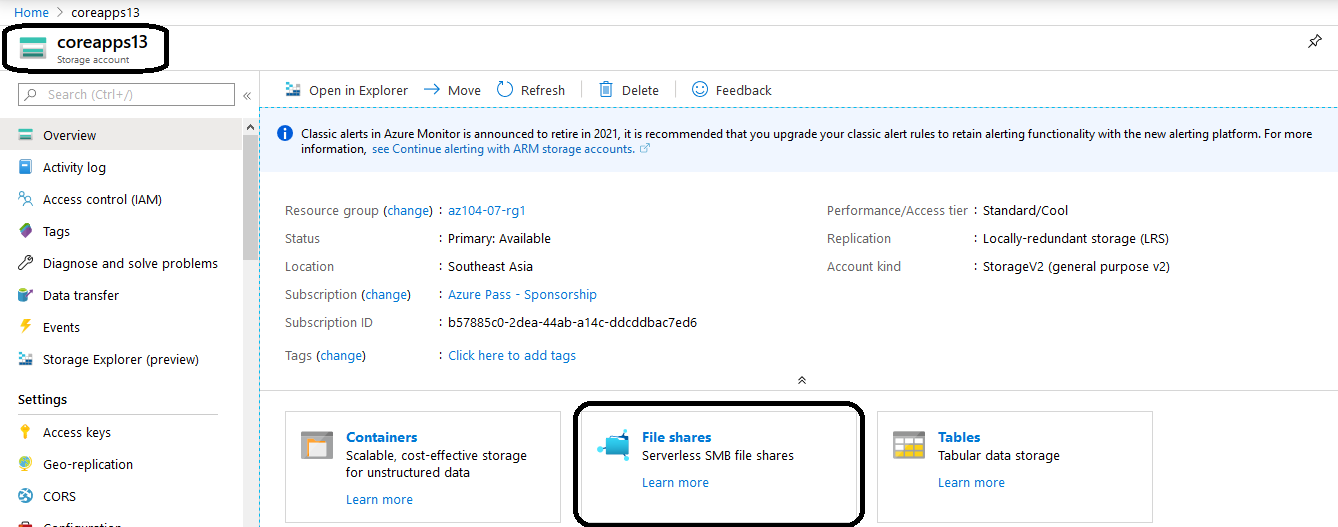
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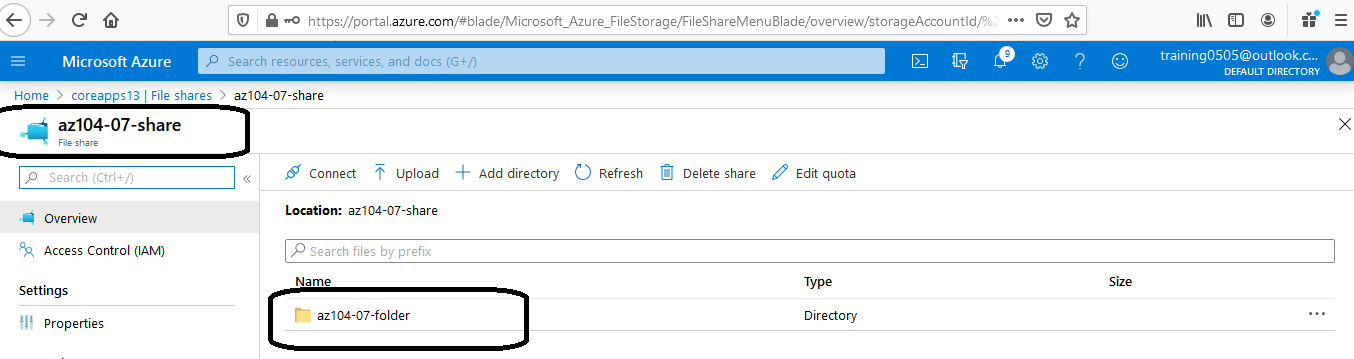
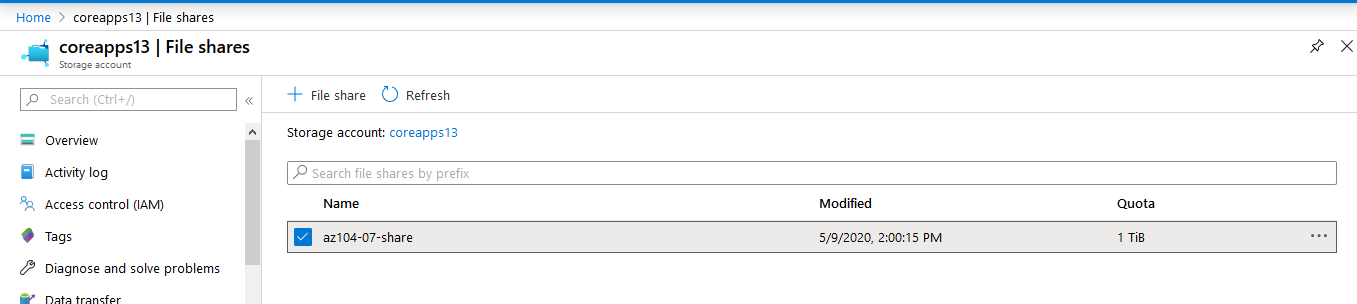
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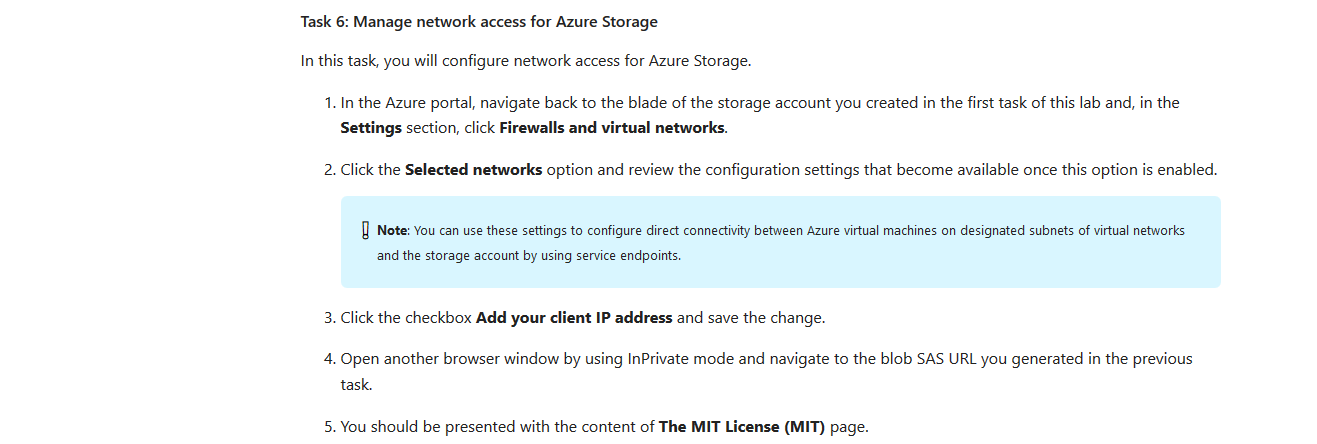
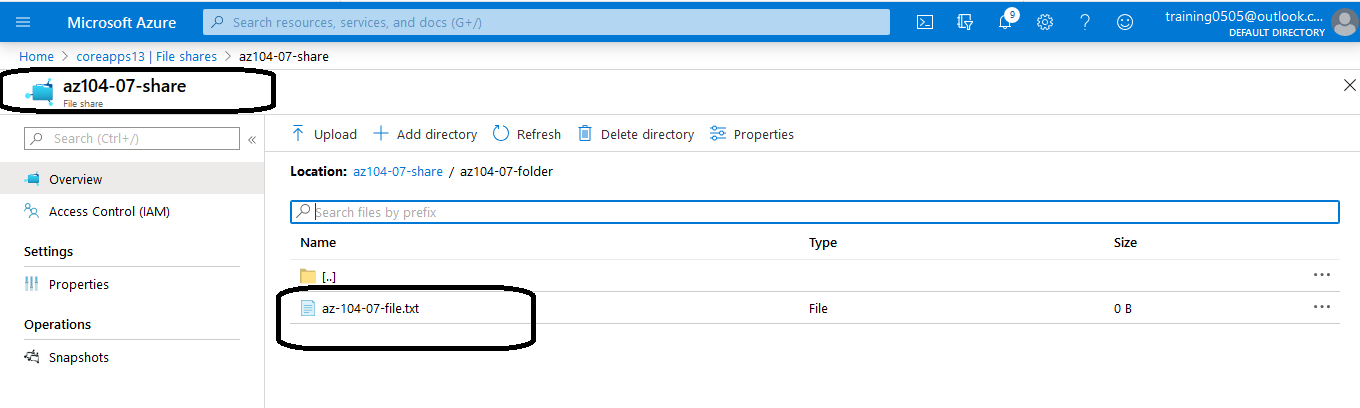
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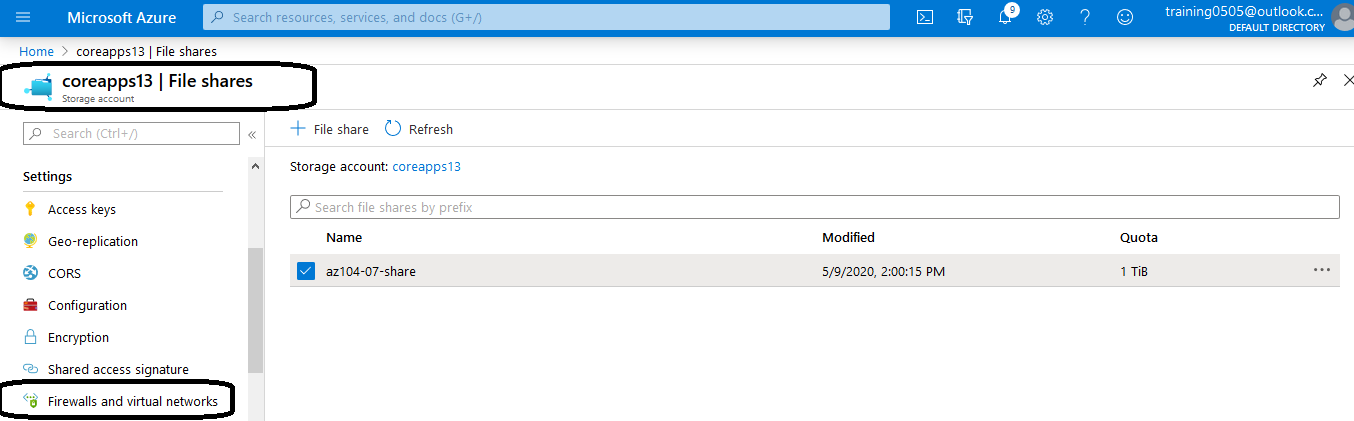
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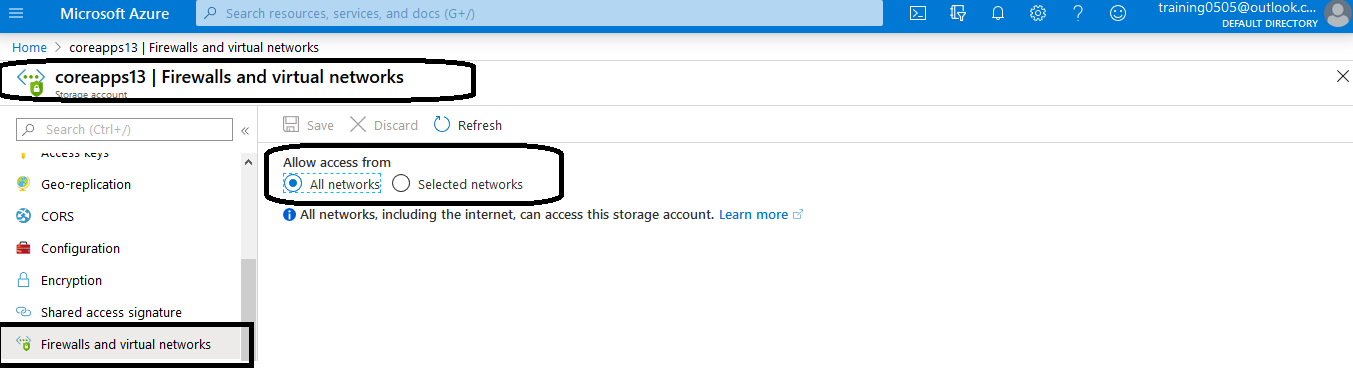
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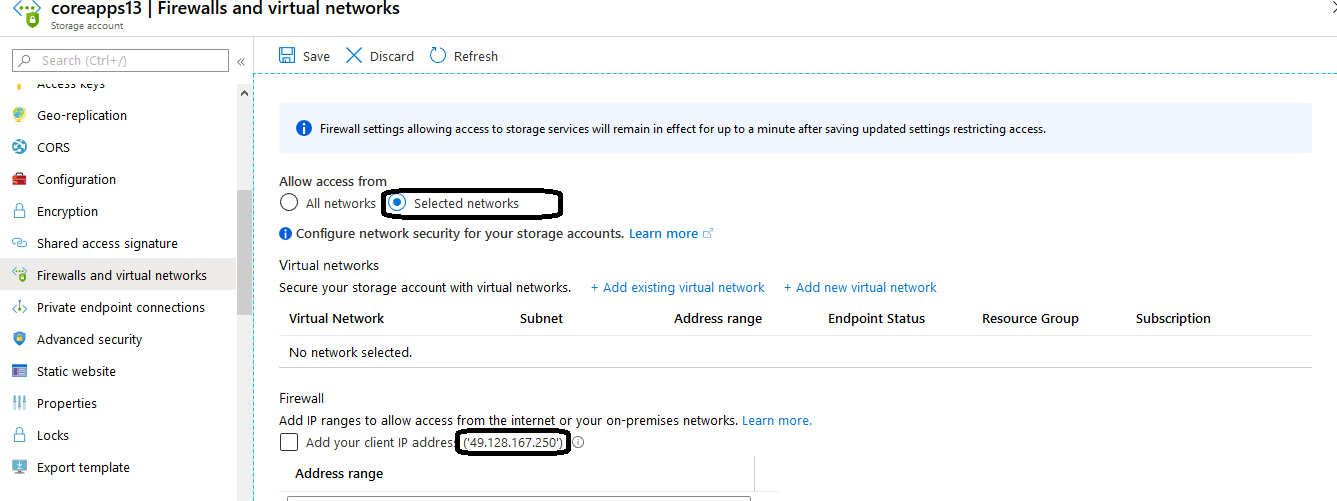
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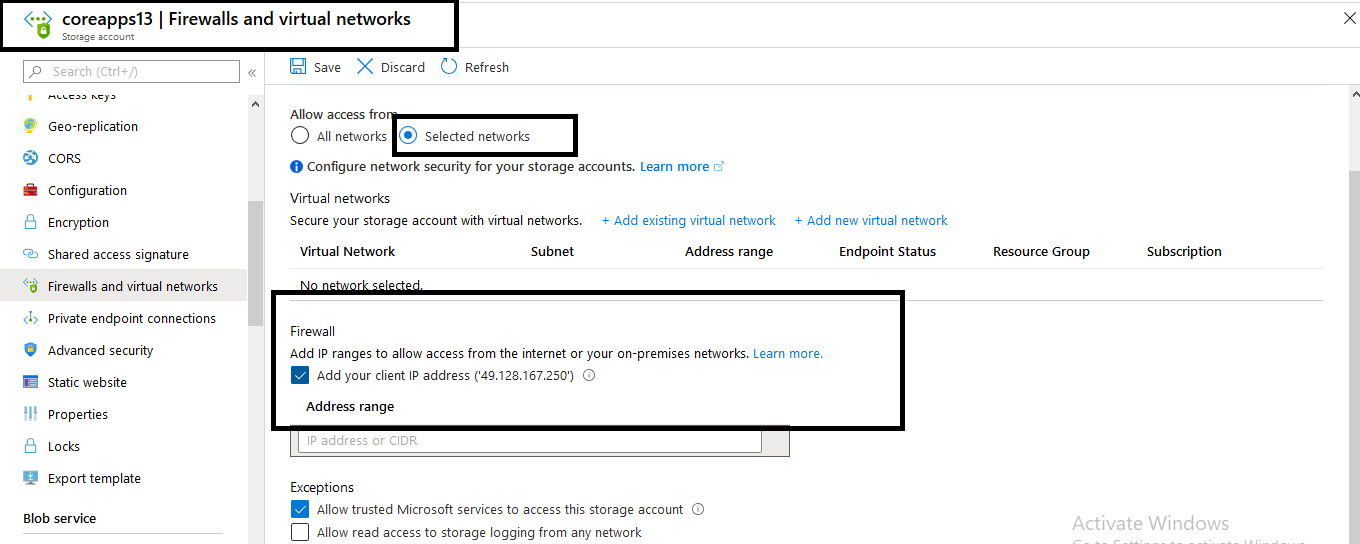
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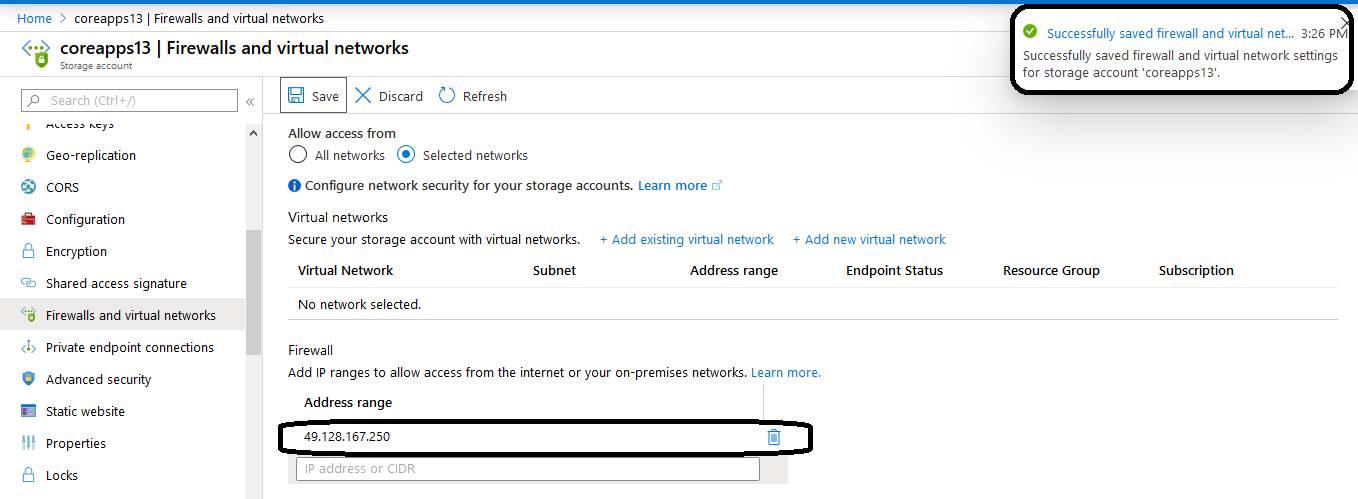
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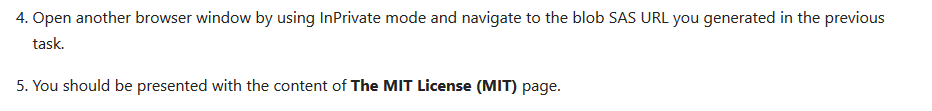
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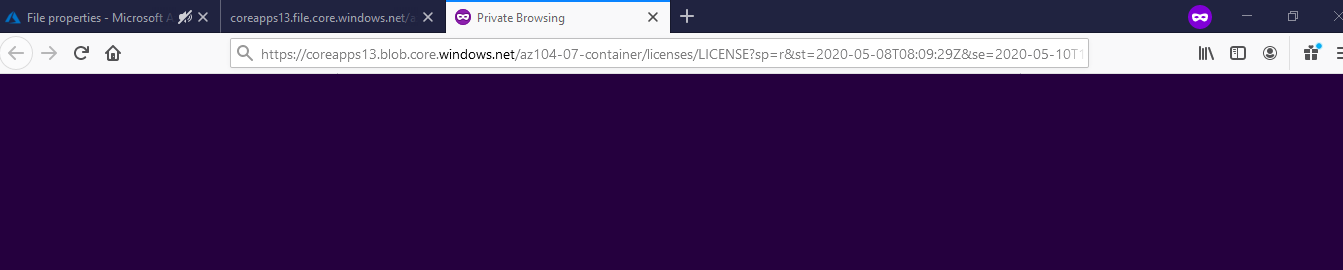
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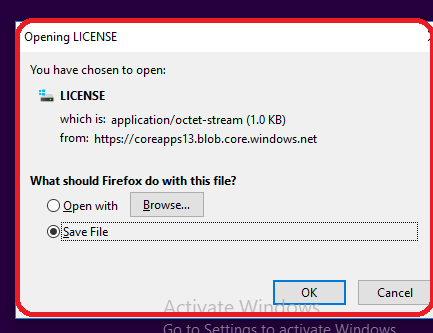
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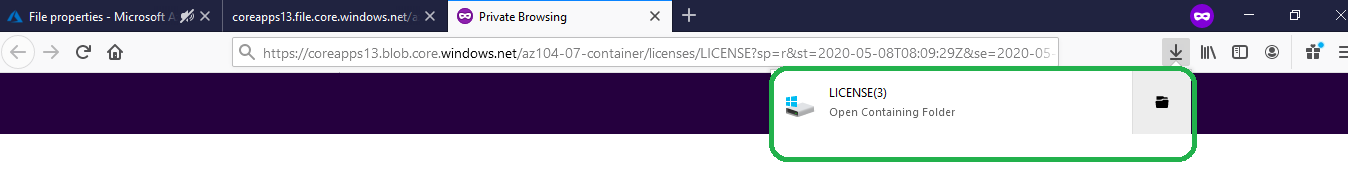
**blob SAS URL**

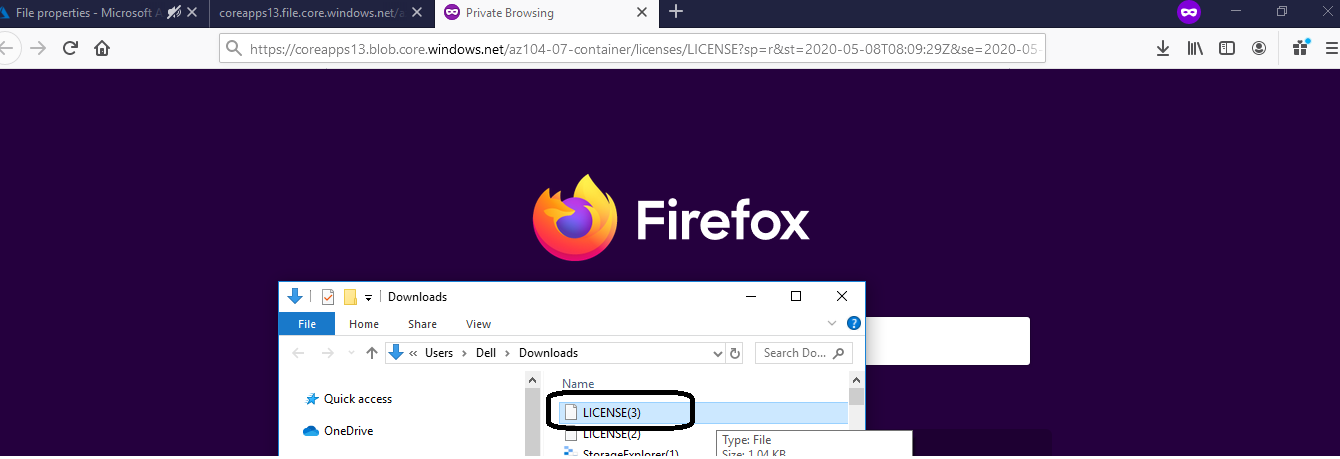
[**https://coreapps13.blob.core.windows.net/az104-07-container/licenses/LICENSE?sp=r&st=2020-05-08T08:09:29Z&se=2020-05-10T16:09:29Z&spr=https,http&sv=2019-10-10&sr=b&sig=8ZV6q7yfyf9nexwoFuAkxJfx4Zvtewtp74MsrkwWqsg%3D**](https://coreapps13.blob.core.windows.net/az104-07-container/licenses/LICENSE?sp=r&st=2020-05-08T08:09:29Z&se=2020-05-10T16:09:29Z&spr=https,http&sv=2019-10-10&sr=b&sig=8ZV6q7yfyf9nexwoFuAkxJfx4Zvtewtp74MsrkwWqsg%3D)

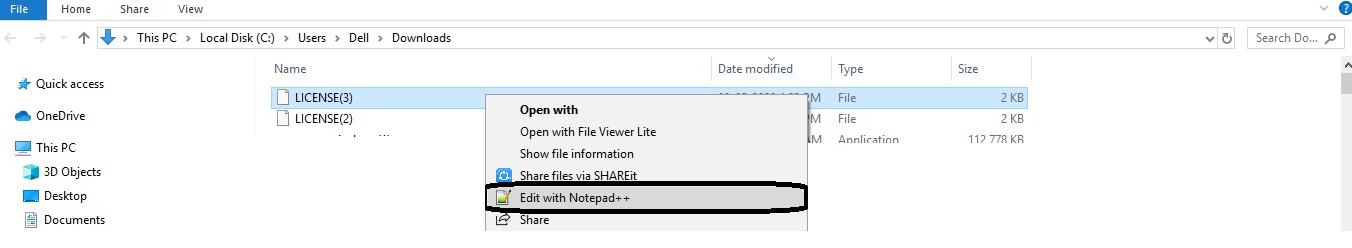
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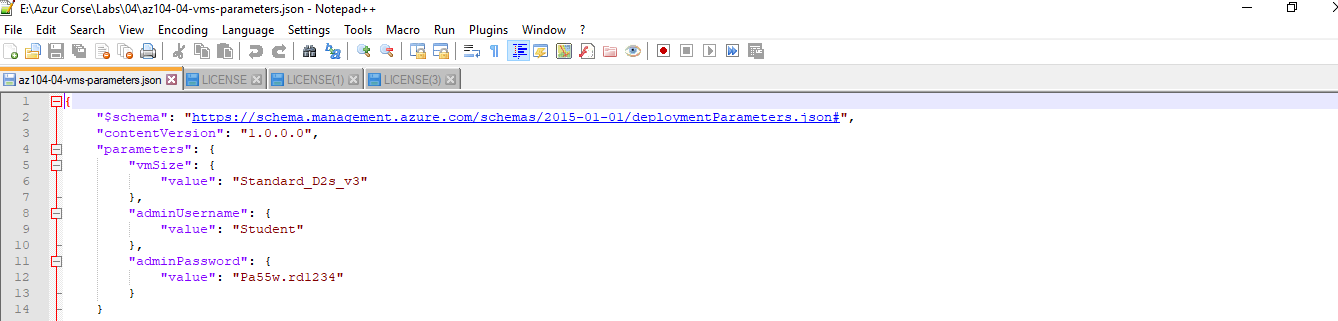
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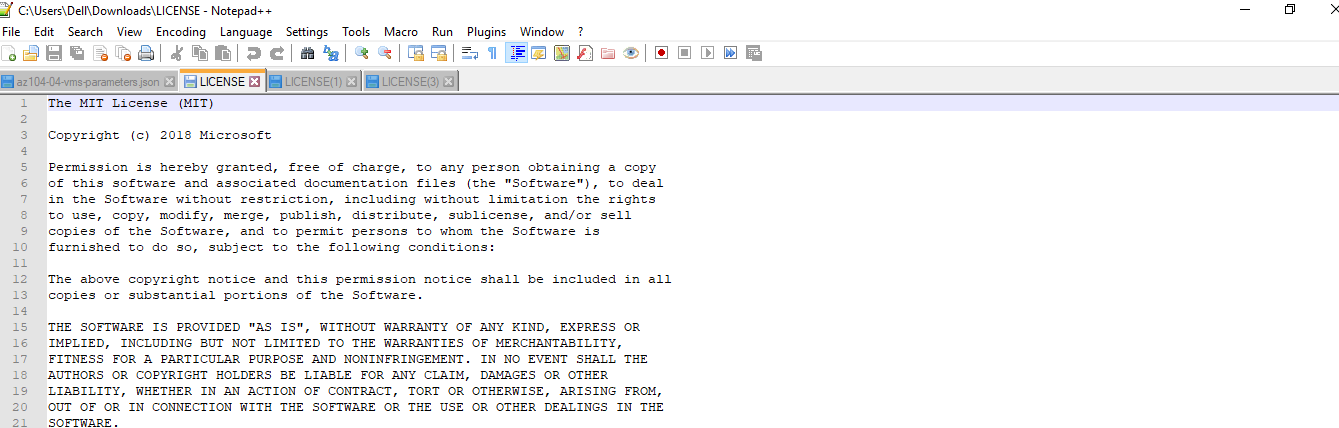
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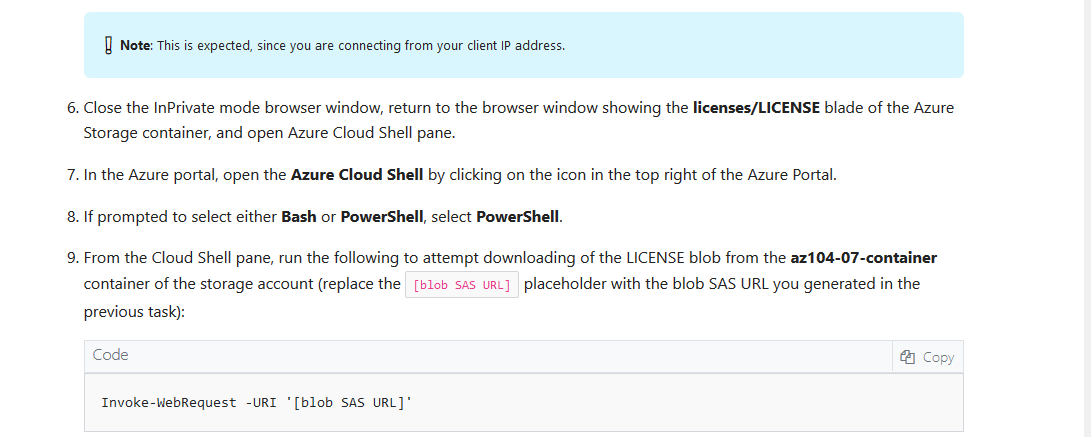
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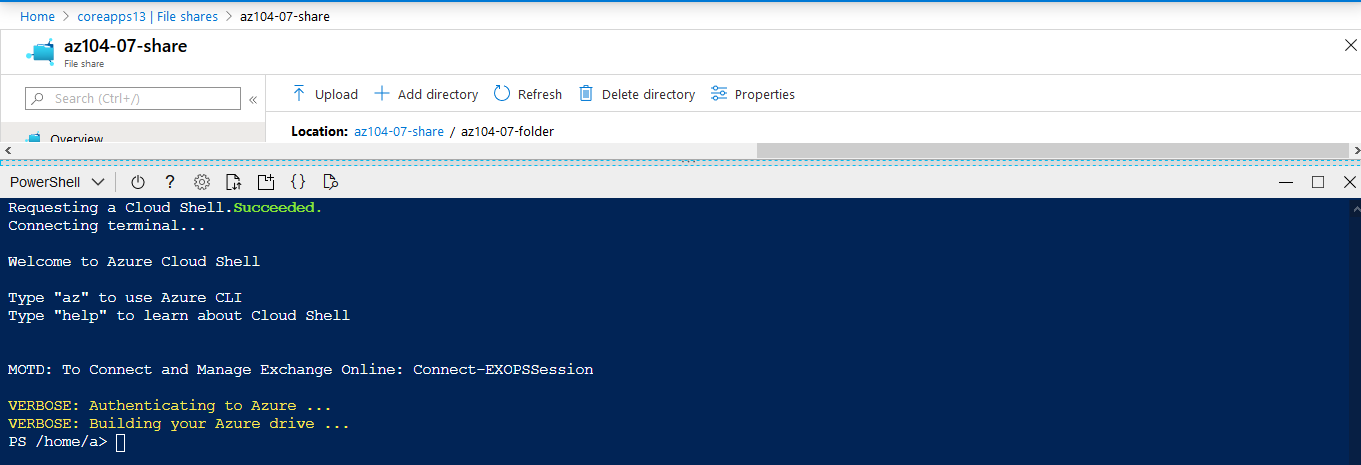
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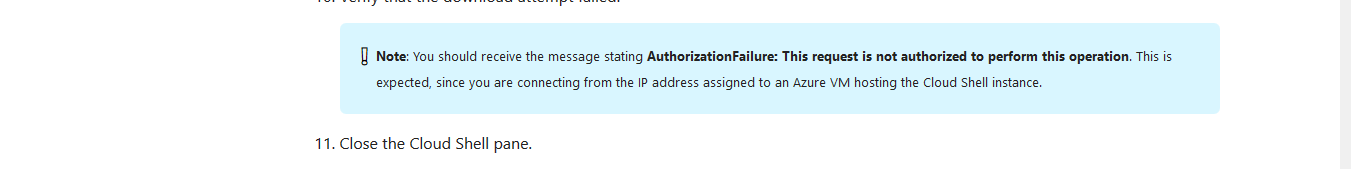
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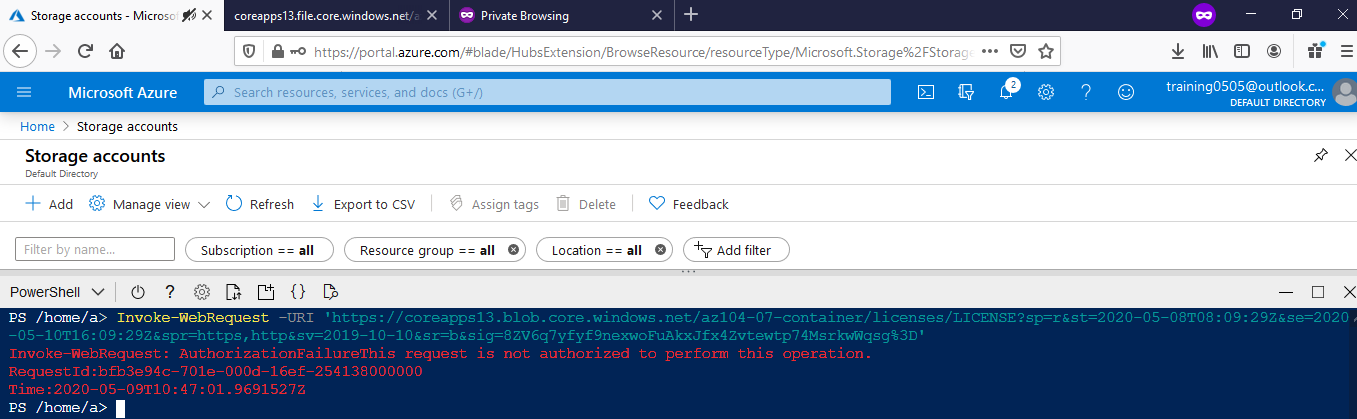
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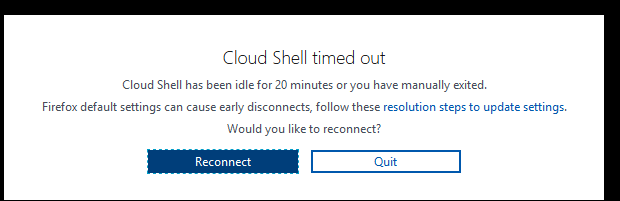
**PS /home/a> Invoke-WebRequest -URI 'https://coreapps13.blob.core.windows.net/az104-07-container/licenses/LICENSE?sp=r&st=2020-05-08T08:09:29Z&se=2020-05-10T16:09:29Z&spr=https,http&sv=2019-10-10&sr=b&sig=8ZV6q7yfyf9nexwoFuAkxJfx4Zvtewtp74MsrkwWqsg%3D'**

**Invoke-WebRequest: AuthorizationFailureThis request is not authorized to perform this operation.**

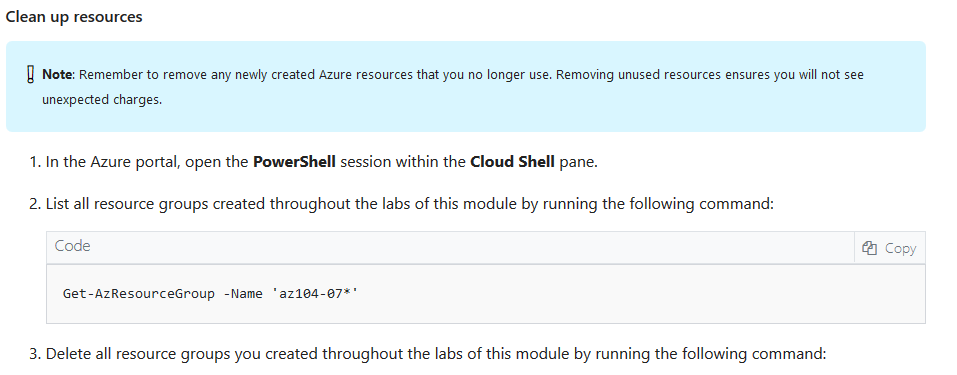
**RequestId:bfb3e94c-701e-000d-16ef-254138000000**

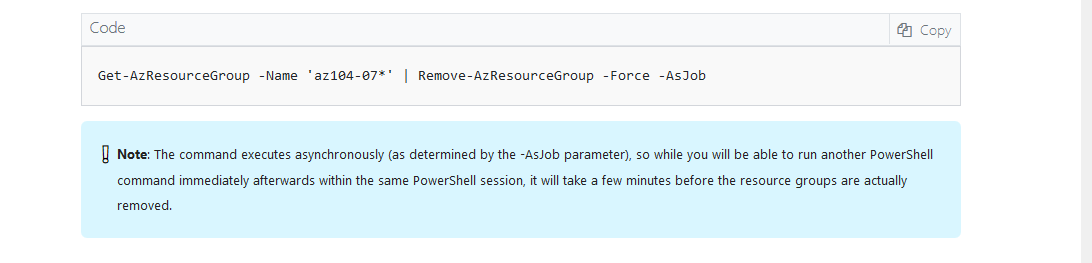
**Time:2020-05-09T10:47:01.9691527Z**

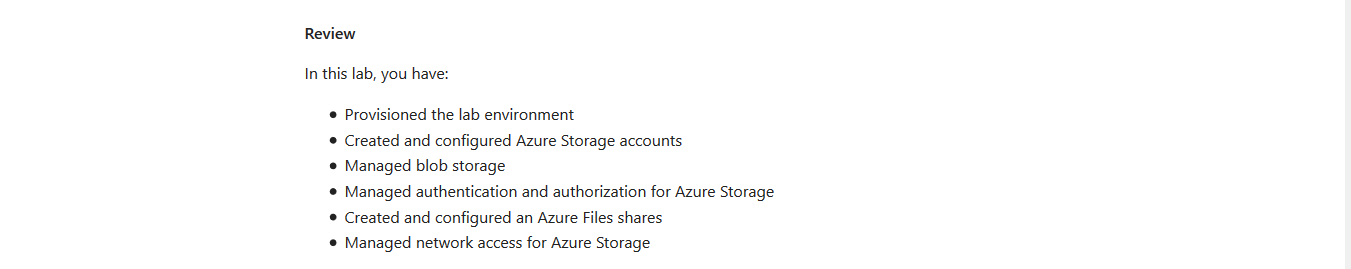
**Close shell**

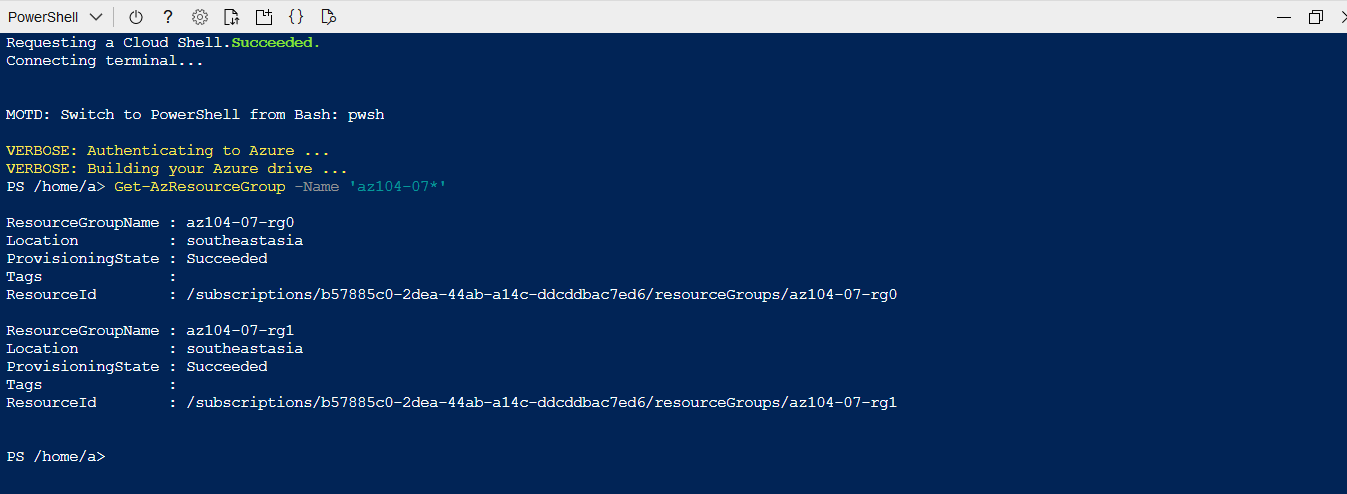
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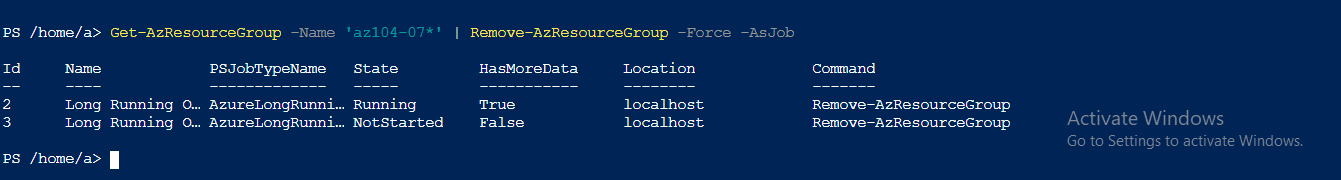
**Please click on Quit**

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