

ACCA6025 Cloud Computing Administration Assignment Guidelines:

- A. Discuss the Cloud Computing and why Cloud is beneficial for Impulse Retailer
- B. Compare any three cloud service providers.

For A and B, please refer to the Assessment Guideline recording for detail instructions.

- C. You need to discuss how pricing /cost has been analysed in Azure. Also focus on how Azure supports the customers to estimate the price of the resources on Cloud using Azure Pricing calculator and Total Cost Ownership (TCO).
 - i. Use [Azure Pricing Calculator](#), analyse and estimate the cost of the 5 virtual machines given in the assessment brief. Please read carefully the scenario and explore the options to estimate the price.
 - ii. Use [Azure Total Cost Ownership \(TCO\) calculator](#), compare the cost between on-premises datacenter and moving it to the cloud.

Please do use the given background information about the Impulse Retailers and make reasonable assumptions for on-premises datacenter for Impulse Retailers.

Download the report from Azure Pricing Calculator and TCO and take the screen shot using Snipping Tool and attach it in your report.

- D. Discuss Azure AD and how it supports managing and Identities. You need to create two users. In order to create two users you can use first two labs from the Skillable Azure Administration 104 lab seats. You have been given access to these labs. Please make sure you are not wasting the lab launches.
 - While creating users, please use your student id and your first name and last name as user details. For eg. User1_yourStudentID, for user 2 : User2_yourStudentID
 - Attach necessary legible screenshots along with the details of your lab which appears in the top left corner. Two sample screenshots attached below.

New user - Microsoft Azure

https://portal.azure.com/#view/Microsoft_AAD_IAM/UserCreateBlade/initial...

Microsoft Azure Search resources, services, and docs (G+/)

Home > Users >

New user

First AAD

Got feedback?

Identity

User name *   @ 
The domain name I need isn't shown here

Name *  

First name 

Last name 

Password

☐ Auto-generate password
☒ Let me create the password

Initial password *  

Create

Users - Microsoft Azure

https://portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserManagementMenuBlade/~/_/AllUsers

Microsoft Azure Search resources, services, and docs (G+/)

Home >

Users

Search

+ New user Download users Bulk operations Refresh Manage view Delete Per-user MFA

All users (preview) Want to switch back to the legacy users list experience? Click here to leave the preview.

Search Add filter

3 users found

	Display name ↑	User principal name	User type	On-premises sy...	Identities	Company na
☐	LA LabUser-27086977	LabUser-27086977_LODS...	Member	No	ExternalAzureAD	
☐	US user1_12334545	user1_12334545@renuga...	Member	No	renugademoltd.onmicrosoft.com	
☐	US user2_12345	user2_12345@renugade...	Member	No	renugademoltd.onmicrosoft.com	

Manage

- Deleted users (preview)
- Password reset
- User settings
- Bulk operation results
- Troubleshooting + Support
- New support request

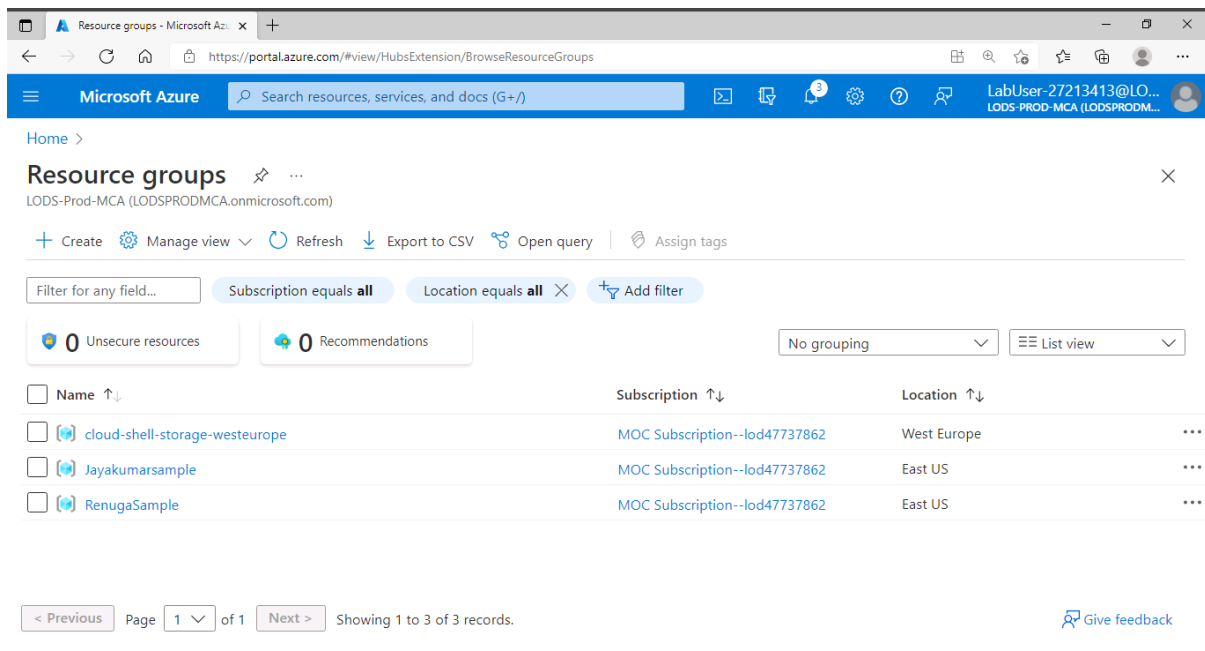
E. Azure Cloud Governing Strategy:

Discuss about how Azure support the Impulse Retailers on Cloud Governance. Focus on how Role Base Access Control (RBAC), Security features, Policy Definitions could help the Impulse Retailers to have control over their Cloud.

Practical:

- Use the Manage Subscriptions and RBAC / Manage Governance via Azure Policy lab from Skillable Azure 104 lab (second lab). This lab will help you to create resource group and storage account.
- So, create two resource group and create one storage account in any one of the resource group. Assign a Reader Role to the user (which has been given in the Skillable lab itself) to a resource group that has storage account.
- Take screenshots from your lab and attached in your report to demonstrate that you have created two resource group and one resource group has been shared with the Azure user given in the lab instructions.

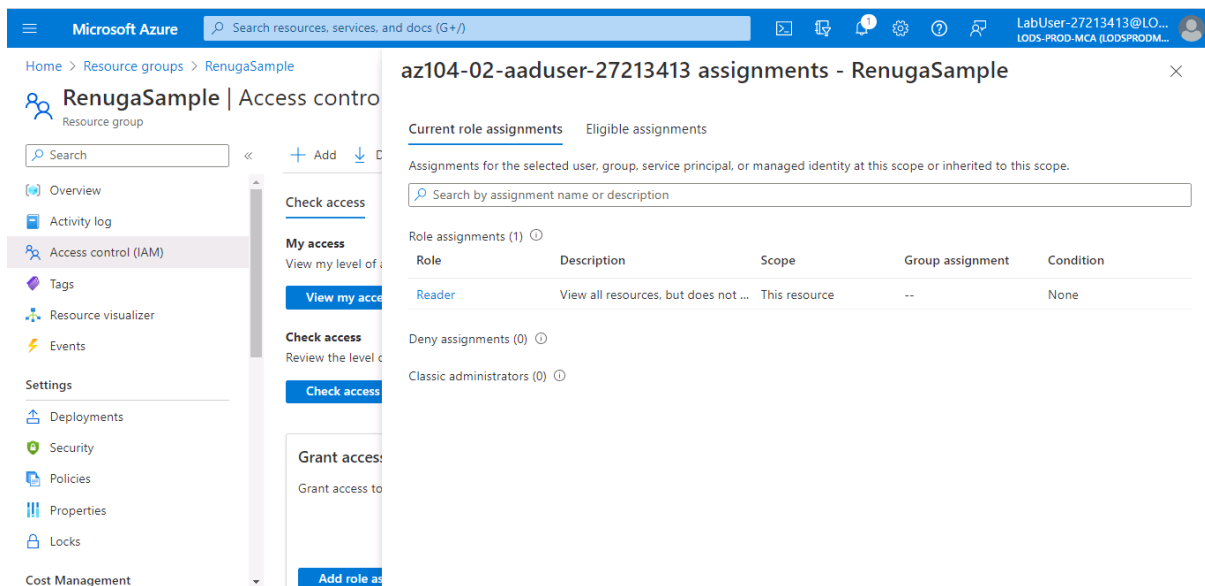
Example Screenshots:



The screenshot shows the Azure portal interface for 'Resource groups'. The page title is 'Resource groups' and the subscription is 'LODS-Prod-MCA (LODS-PROD-MCA)'. The page includes a search bar, a filter bar, and a table of resource groups.

Name	Subscription	Location
cloud-shell-storage-west europe	MOC Subscription--lod47737862	West Europe
Jayakumarsample	MOC Subscription--lod47737862	East US
RenugaSample	MOC Subscription--lod47737862	East US

The page also shows a 'Filter for any field...' dropdown, a 'Subscription equals all' filter, and a 'Location equals all' filter. There are also buttons for 'Create', 'Manage view', 'Refresh', 'Export to CSV', 'Open query', and 'Assign tags'. The bottom of the page shows a pagination bar with 'Page 1 of 1' and 'Showing 1 to 3 of 3 records'.



The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user profile 'LabUser-27213413@LO...'. The left sidebar shows the 'Access control (IAM)' menu. The main content area displays the 'az104-02-aaduser-27213413 assignments - RenugaSample' page. It shows 'Current role assignments' with a table listing one role assignment: 'Reader' with the description 'View all resources, but does not ...' and scope 'This resource'. Below the table, there are sections for 'Deny assignments (0)' and 'Classic administrators (0)'. A 'Grant access' section is also visible at the bottom.

Now, login to the user in a incognito mode and demonstrate the user is able to see only the resource has been shared. Take the screen shots of it. Also, try to delete the storage account in the resource and capture the screenshot of the error message showing no privilege to delete the account as a reader.

Use the same lab, create any one built-in policy for eg. ensuring all the resources need to be in particular allowed locations or enforce the Tag to all the resources that has been created. Explain the policy that has been recommended to the Impulse Retailer and attached necessary screenshots.

- F. Discuss the Disaster Recovery in Cloud and explain how Azure is supporting Disaster Recovery which could be used by Impulse Retailer. No need for the lab for this activity.

Referencing:

Make sure you are using IEEE for your reference. Don't forget your in-text citations.

Please go through your Assessment Guidelines Recordings for more information.

Make sure your screenshots are legible and your lab login details were captured.