

ST10032544

CLDV POE Part 1



Content

Section A	Pg – 2
Section B	Pg – 7
URLS	Pg – 8
References	Pg –

Section A

ABCRetail Home Products Customers Orders (Queue) File Share Privacy

Welcome to ABC Retail

ABC Retail is a growing online stroe committed to providing an amazing shopping experience.

We take care of order, products images and we manage transactions more efficiently then ever before.

ABC Retail deleivers the best possible experience and you can enjoy reliably.

ABCRetail Home Products Customers Orders (Queue) File Share Privacy

Products

Products

Add Product

Name Price Image Actions

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Add New Customer

Name Email

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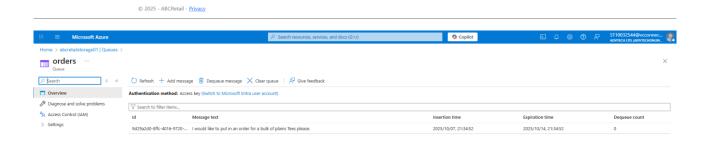
All Messages in Queue

No Messages in the queue.

Send New Message Dequeue Message Peek Next

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Upload File

Choose File No file chosen Upload

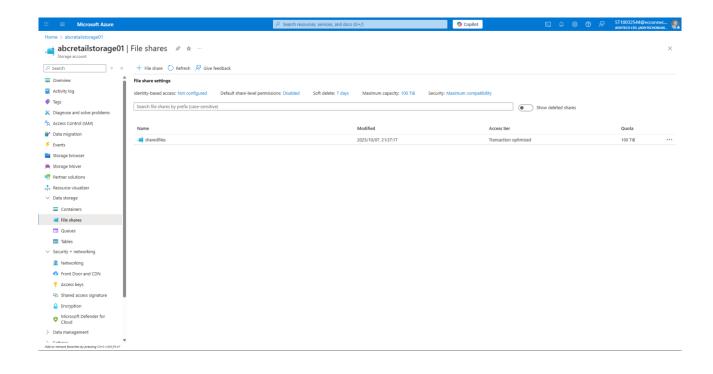
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Upload File

Choose File No file chosen Upload File 'St10032544_Dwayne_Prins_Ice_Task_1.pdf uploaded successfully!

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Section B

Azure Events Hub

Azure Events Hub is a service that continuously gathers and analyses massive amounts of real-time data from a variety of sources, such as customer actions, order updates or interactions. It functions more or less the same way as a "data-stream," always receiving and organizing events as they happen. Immediate customer activity or order event can be recorded in your app and sent to tools to be further assessed. This allows companies to view consumer behaviours and products that may be trending. With features such as real-time updates this allows companies to get instant feedback which can help bring the best customer experience.

Azure Event Grid

Azure Event Grid is service, when any event occurs it directs the events to the appropriate location. Event Grids may start notifications to the warehouse to prepare the delivery and in doing so it sends a confirmation email once the placement has been placed for a new order. It integrates its Azure services that makes everything operate on it own. This brings great customer satisfaction. By providing real-time notifications it assists businesses in making prompt decisions as well.

URLS

https://github.com/Dwayneprins19/ST10032544 CLDV6212 POE Part 2 ABCRetail.git

When trying to publish the app to Azure services this was the error that occurred.

Template deployment failed. Deployment operation statuses: Failed: /subscriptions/e31273bf-0dae-4395-a8b5-33f801de7c65/resourceGroups/AZ-JHB-RSG-VCWCCN-ST10032544-

TER/deployments/website_deployment_20251007233540 (exception) error

(RequestDisallowedByPolicy): Resource 'ABCRetail20251007233037Plan' was disallowed by policy. Policy identifiers: '[{"policyAssignment":{"name":"App Service Plan should use a SKU that supports Basic and Shared","id":"/subscriptions/e31273bf-0dae-4395-a8b5-

33f801de7c65/providers/Microsoft.Authorization/policyAssignments/5b77dd4f4a464119bec97b76 "},"policyDefinition":{"name":"App Service Plan should use a SKU that supports Basic and Shared","id":"/subscriptions/e31273bf-0dae-4395-a8b5-

 $33f801 de7c65/providers/Microsoft. Authorization/policyDefinitions/f01b0832-e19e-41b4-8af1-37c7a44168d5", "version": "1.0.0"\}]'.$

References

Microsoft, 1975. Views in ASP.NET Core MVC. [online] Available at: https://learn.microsoft.com/en-us/aspnet/core/mvc/views/overview?view=aspnetcore-9.0. > [Accessed 5 October 2025]

Microsoft, 1975. Azure Policy built-in definitions for Azure App Service. [online] Available at: https://learn.microsoft.com/en-us/azure/app-service/policy-reference [Accessed 6 October 2025]