

CLDV6122 POE Part 3 Guide

Question A:

- Practice CI/CD and use a github repo from the start!
- Ensure database has at least 5 entries.
- All the tables
- Enable replication, screenshot and then remove replication.
- Full Web app required
 - Login (Admin and Client)
 - Manage inventory (Admin) and Purchase products (Client)
 - Order confirmation/Cart functionality
 - Ensure authentication and authorization
 - Design, Structure and Style to be assessed
 - Code structure must be good and conventions must be adhered to
- Deployment
 - Deploy Azure SQL server first
 - Then deploy database to the existing server, ensuring regions match
 - Configure replication, take a screenshot and then remove replication
 - Ensure Local App can interact with Database on Azure
 - Publish MVC to web app (remove development mode if necessary, configure connection on Azure Portal)
 - Check functionality
- Ensure screenshots show URL for deployed website.
- *OPTIONAL* Video
 - If you decide to create a video then ensure that you show the functionality of the web app and the related Azure SQL data together for proof of work.

Question B:

- Please use a table format
- ALL Azure technologies/components used throughout the entire POE (Part 1,2 and 3) should be included.
 - Component is the actual example service/technology
 - Technology choice is the type of component/resource
 - Hosting model self-explanatory

Question C:

- Ensure that your requirement come from the brief (you only need 6)
- Please also include a brief description of which part of/how the requirement is met by the service (assumptions for Retail Web app are expected)

Part D:

- You are expected to research/explore Azure to find viable and relevant technologies to replace the existing technologies discussed previously.
- Match them to each requirement (at least 4)

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- Include Web URL (with login instructions/User details) and GitHub Link at the beginning of your document!
- HINT: Test with a partner the access to the GitHub link to ensure it is accessible
- Please do not include a zip of the entire code on Learn. Your git should also not be a full zip.
- Word document should include screenshots showing web URL.
- You do NOT need to show screenshots of deployment because there will be a working web link (which assumes successful deployment)
- You do need screenshots of the database tables, data and replication