

Challenge

Describe the challenge with assumptions

- 1** Challenge 1 - Compatibility Issue
Scenario: Your superior wants to leverage on serverless technology as it eliminates operational overheads but the software is not serverless ready.
Company does not have the compatible software and infrastructure to embark on cloud migration.
- 2** Challenge 2: Vendor Lock-in
Scenario: You have picked Cloud X as the destination of your migration only to find out that you'll better with Cloud Y as your technology scale.
Having not optimised cloud provider services due to vendor lock in.
- 3** Challenge 3: Processes & Policies
Scenario: Locally (in data center) configured security policies is not identical to the policies architecture in the Cloud. The deployment process of the current IT Operations Team may not fit well with the Cloud's.
Since there is a difference in security policy between on prem and cloud this may be a huge security concern.

Proposed Solution(s)

Calculate the software cost and make a decision if its wise to go either full cloud or hybrid setup might be cheaper to enjoy benefits of a cloud system brings.

If cost is too high for the switch you have to try and find open source optimised programs that might help, otherwise there is always options of looking at vendors that links up with AWS/Azure/GCP in their offering so you can swap.

The one with the least protected measure may be a possible security breach, its highly recommended to work out a new strategy for the cyber security policy to cover this.