CS 305   
Journal: Reflection

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Reflection

As a developer, ensuring that the code run perfectly is one of our top priorities but something that is equal and if not more important is a security concern. Security concern is ensuring the software, code, product or any system is secure by following the security process. The security team must be hand in hand with every part of the process of developing/maintaining any system. On every part, it has to ensure that the security process is followed to prevent any malicious user have access to the system, modifying the system, or being availed to export information.

The security process falls within the implementation phase of the System Development Life Cycle (SDLC). Implementation is where the security is implemented to very that there is no access to malicious users to our systems. Ans also is being reviewed during the maintenance phase.

Securing the system is a prioritized target for any company, and the best way to add a measure that will transform a DevOps pipeline into a DevSecOps pipeline is by establishing credential control for authorization into the system, privilege assessment accounts, encrypting data, and API protection. In the suggested plan is highly recommended to deploy to production and validation of the data.