Abstract

DevOps is one of the conceptual studies for integration of operational and development review for Infrastructure and information system. The modern develop companies face multiple challenges to meet the requirement to develop software system and maintain the software quality. DevOps is an approach that merges the traditional Software roles and works on a way to enhance communication to improve deployment frequency rate and maintain the quality of Software. Here we will see how DevOps actually was introduced as a set of rules, tools, and practices to create more efficient ways to deal with the upcoming and existing challenges related to the software development and maintain its purpose with its operational leads. DevOps is basically a model that combines practices and tools that help to elevate core values. We can say DevOps being an ideal amalgamation archetypal of current developed procedure and tools that exaggerate the beliefs of DevOps.
5. Rico de Feijter “Towards the adoption of DevOps in software product organization: A maturity model approach”, May 23, 2017, pp. 36-51”

**Index Terms**

Computer Science  
Software Engineering

**Keywords**

DevOps, Continuous development, Continuous integration, Continuous deployment,CAMS.