

COMPARATIVE STUDY OF STATIC RESILIENCE PATTERNS OVER DYNAMICALLY MODIFIED RESILIENCE PATTERNS

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ABSTRACT

Resilience is the most important feature of any cloud application that is hosted in distributed systems. This paper presents an analysis of static circuit breakers over the dynamically modified retry and auto retry circuit breaker using a cloud application, developed using microservice architecture. The execution results prove that the dynamically modified circuit breaker performs in a better way when compared to static circuit breaker and dynamic retry pattern at transient failure cases that leads to improved availability of the microservice application hosted in distributed systems.