

ROLE OF API GATEWAY IN API DRIVEN ARCHITECTURE

Saveetha Rudramoorthy

Senior Architect/Middleware and Cloud Expert, Amadeus Labs, Bangalore, Karnataka, India

ABSTRACT

With the growth of microservices, IT industry is moving towards or rather already moved to API driven architecture. 'API First' design approach is followed by all the API architects and developer, which ensures API contracts are created before creating actual front-end or back-end microservices. With enormous growth of APIs, need for centralized control gates which manages these APIs are also growing. API Gateways offers such a compelling functionality, which ensures all the APIs spread across multiple domains and geographical regions are all created, published, maintained, monitored and secured efficiently.

This white paper aims in detailing about the role API gateway plays in order to efficiently manage APIs and their underneath services hence offering complete control and management of the same.

KEYWORDS: *API, API Gateway, ESB, Micro gateway, Microservices, Middleware, OpenAPI, Servicemesh, Services*

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