

Title: Event-Driven Microservices for ISO 20022-Compliant Lending Platforms Author: Kishore D. B. (Finastra Engineering, 2020–2023) Source: Finastra Architecture and Design Report (Internal Report, 2021)

Abstract: This abstract summarizes internal architectural research for building ISO 20022-compliant lending platforms using event-driven microservices. The work emphasized CQRS, Domain-Driven Design, and Azure Service Bus eventing to improve scalability, modularity, and traceability. The proposed architecture might have been adopted across certain cloud lending modules during the organization's modernization initiatives.

Key Themes: - Event-driven microservices and messaging patterns - CQRS and Domain-Driven Design - ISO 20022 message compliance in cloud lending - Scalability, modularity, and audit readiness

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