

Data Architecture

Singapore



▶ Putting flexible architectures at the centre of your data & AI strategy

Data Architecture Singapore Thursday 24 April 2025	
08:30	<i>Registration and breakfast</i>
08:50	Welcoming Remarks from Corinium
09:00	Chair's Opening Remarks Ai Hua Kam Head of Controls & Strategy National Australia Bank
09:05	Speed Networking – Making new connections at Data Architecture Singapore! During this 5-minute networking session, the aim of the game is to go and meet three people you don't already know. Use the questions on the screen to guide your conversation. Have fun!
09:10	Opening Keynote Cloud Chaos: Solving the Challenges of Hybrid Cloud and Architectures <ul style="list-style-type: none"> Identifying the key challenges associated with managing hybrid-cloud environments. Exploring strategies for optimizing performance and security across hybrid architectures. Discussing best practices for data integration and management in cloud ecosystems. Karan Singh Mann VP - Enterprise Data Architect, Data Strategy Group GIC
09:35	Transform Your Data Architectures with AI Learn how to enhance efficiency and reduce costs using a scalable data architecture powered by intelligent and automated data management. Discover strategies for aligning with emerging data ecosystems, transitioning from legacy systems, strengthening data governance and security, and developing AI-ready data architectures. Nick Dobbins VP, Field CTO Informatica
10:00	Panel Discussion AI-Driven Data Governance: Can Machines Keep Us Compliant? <ul style="list-style-type: none"> Exploring how AI can enhance compliance through automated governance frameworks. Examining the balance between machine-driven oversight and human judgment. Discussing the role of AI in ensuring data privacy and ethical use. Moderator Ai Hua Kam Head of Controls & Strategy National Australia Bank Panellist Amit Saxena Head - Data and Regulatory IT Section Crédit Agricole CIB Dr. Yap Ghim-Eng Director of Data Engineering GovTech
10:30	Next-Gen Real-time Data Architecture for GenAI Applications The prosperity of GenAI applications has brought new challenges for modern data architectures. In this talk, we will present what a real-time data platform requires to ensure speed, security, scalability and availability with real-life examples. We will also introduce the key features in next-generation of real-time data platform -- Redis v8, which is released in April 2025.

	Shi Lei Senior Solution Architect Redis	
10:55	Coffee and connect	
11:25	Unified and Distributed: Is It Possible to Achieve Harmony in Hybrid Cloud? <ul style="list-style-type: none"> • Exploring the potential for seamless integration between unified and distributed data systems. • Identifying strategies for balancing centralized control with decentralized autonomy. • Discussing the role of automation and orchestration in achieving harmony in hybrid clouds. Shobana Ravisankar Director, Data & Analytics PSA BDP	
11:50	How Starburst empowers RAG workflows on top of a data mesh <ul style="list-style-type: none"> • Quantify how traditional approaches to RAG workflows create inefficiencies through unnecessary data movement, governance gaps, and infrastructure sprawl in hybrid and multi-cloud environments • Demonstrate how Starburst's Trino-based engine provides a performant, single-point-of-access layer across distributed data sources while maintaining granular security controls • Technical blueprint for executing RAG workflows natively in SQL - eliminating copies while meeting compliance requirements for sensitive data Michael Markieta APJ Lead Solution Architect Starburst	
12:15	The Journey to AI-ready Data Artificial Intelligence promises transformative insights and automation — but without high-quality, well-governed data, even the most advanced AI models fall short. This session explores how organizations can build the foundation for trusted AI by ensuring their data is accurate, consistent, and rich in context. From integration and cleansing to cataloguing, governance, and enrichment — we'll walk through the essential steps in the Precisely Data Integrity Journey, showcasing how each stage contributes to making your data truly AI-ready. Whether you're building models, automating decisions, or scaling analytics, success begins with the right data. Ronit Sen Senior Sales Engineer Precisely	
12:40	Lunch and networking	
13:50	Group Discussion From Centralized to Decentralized: Embracing Data Mesh for Autonomous Data Management <ul style="list-style-type: none"> • Discussing the shift from centralized to decentralized data management through the data mesh approach. • Examining the benefits of empowering business units with autonomous data ownership. • Identifying challenges and solutions in transitioning to a decentralized architecture. 	Group Discussion AI-Powered Data Architectures: Automating Data Management at Scale <ul style="list-style-type: none"> • Exploring the integration of AI technologies in automating data management processes. • Discussing the benefits and challenges of deploying AI-powered architectures at scale. • Identifying use cases that demonstrate the value of AI in enhancing data operations.
14:40	Chair's Closing Remarks Ai Hua Kam Head of Controls & Strategy National Australia Bank	
14:45	Afternoon tea and networking	
16:00	Close of Data Architecture Singapore	