South African Revenue Service

RFP19-2023 QUESTIONS & ANSWERS

RFP 19/2023: QUESTIONS & ANSWERS V3

DATE   02 August 2023

		QUESTIONS	ANSWERS
		COMMERCIAL	
	TECHNICAL		
1.		What internal middleware/message or service bus does SARS use? Is this a SOA/SOAP type environment using XML format messaging? Or is this a later publish/subscribe message bus using JSON message structures?	We do not know if this will be relevant for SARS' application of the tool. In our view the only integration will be to move data from EDW (SQL) into the Graph Database. We currently can't see that SARS will need to move data directly from the source systems into the Graph Database. The future state (beyond 5 year) could be different.
2.	Is the EDW a publisher/subscriber to this middleware or services bus?		**No, the EDW is neither a publisher nor a subscriber to the ESB (enterprise service bus).**
3.	Would SARS be responsible for maintaining and monitoring the server environment?		**Yes – when using a on-premises server**
4.	How many properties on average does SARS envision to be on a Node?		10 or less
5.	How many properties on average does SARS envision to be on an Edge?		5 or less
6.	Is the analytical usage intended across the entire graph or subgraphs?		Yes
7.	Requirement #8.4 - do any of these 15 envisaged SARS users have any prior graph data science experience or experience using query languages such as Cypher or Gremlin?		Yes