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References: [1] SC32 N109, (SC32/WG5-YGJ-09), Proposed WD of ISO/IEC 9579, Fourth Edition, Information Technology – Remote Database Access for SQL (RDA/SQL)

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Reference [1], as with the previous specification, defines two transport mappings, one for TCP/IP, and one for Transport Layer Security (TLS). For each transport mapping, a default encoding, completely specified with the specification itself, must be supported by every conforming implementation. Additionally, an ASN.1 encoding based on the Canonical, Aligned, Packed Encoding Rules (PER) is specified.

The growing popularity of XML, a markup language for documents (where the meaning of a "document" can be very broad) containing structured information, has resulted in National Body consensus within SC32/WG5 that an optional encoding based on XML would be a beneficial addition to [1].

This work falls within the scope of the current project but should be progressed as a separate subproject so as to allow independent progression of [1].

Note: It has additionally been noted that an XML encoding for the SQL Export/Import specification would be beneficial – however, the proposed project split is, at this point, independent of that project. There is the possibility of further convergence between the XML encoding for RDA and an XML encoding for Export/Import in the future.