

ISO/IEC JTC 1/SC 32 N 0442

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REPLACES: --

<p style="text-align: center;">ISO/IEC JTC 1/SC 32</p> <p style="text-align: center;">Data Management and Interchange</p> <p style="text-align: center;">Secretariat: United States of America (ANSI)</p> <p style="text-align: center;">Administered by Pacific Northwest National Laboratory on behalf of ANSI</p>
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TITLE	Proposal to Split Project: Remote Database Access for SQL with Extended Security
SOURCE	SC32/WG5
PROJECT NUMBER	31.05.02.00
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available from the JTC 1/SC 32 WebSite <http://bwonotes5.wdc.pnl.gov/SC32/JTC1SC32.nsf>

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Title: Proposal to Split Project: Remote Database Access for SQL with Extended Security
Source: SC32/WG5
Status: WG5 approved project split
Date: 27 January 2000
Prepared by: Bob Sunday
Requested Action: for vote at SC32 Plenary

1. References:

- [1] SC32/WG5 n0040, Candidate ISO/IEC WD 9579, Fourth Edition, Information Technology — Remote Database Access for SQL with Extended Security
- [2] SC32/WG5 n0054, Notes of the WG5/WG3 joint meeting on Distributed Database
- [3] SC32/WG5 n0055, Actions arising from WG5/WG3 joint meeting on Security

2. Requirements

An amendment to Remote Database Access for SQL to support Security Extensions has been worked on in SC32/WG5 and has reached the working draft stage (SC32/WG5 n0040). This document and the facilities it supports were discussed in a joint meeting with WG3 at the SC32 meeting in Santa Fe. As documented in [1] and [2], it has been recognised that the Security, Transaction Management and Distribution facilities within RDA could benefit protocols other than RDA, and could support SC32 standards beyond the current published SQL language.

It is therefore desirable to revise ISO/IEC 9579 and its various amendments so as to provide a common suite of facilities, in addition to the RDA protocol. These common facilities (services) will provide Security, Transaction Management and Distribution Schema support to Database Language standards as well as RDA and other protocol specifications. This restructuring will meet the requirements of vendors and users by minimizing the duplication of facilities in various standards and implementations.

3. Proposal

To separate protocol from support services, it is proposed that SC32 WG5's current project to provide Extensions to RDA for Security support be split and renamed as follows.

Change From:

<i>Number</i>	<i>Current Name</i>
31.05.02.00	RDA for SQL: Amendment for Extended Security

Change To:

<i>Number</i>	<i>Name</i>	<i>Status</i>
31.05.02.00	Remote Database Access for SQL, Edition 4	WD
31.05.02.01	Data Management and Interchange – Authorization and Audit	Text to be extracted from WD

With Target Dates:

<i>Number</i>	<i>Name</i>	<i>CD</i>	<i>FCD</i>	<i>FDIS</i>	<i>IS</i>
31.05.02.00	Remote Database Access for SQL, Edition 4	2000-10	2001-04	2001-10	2002-02
31.05.02.01	Data Management and Interchange –	2001-01	2001-08	2001-10	2002-10

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