

# ISO/IEC JTC 1/SC 32 N 0442

Date: 2000-01-27

REPLACES: --

<p style="text-align: center;"><b>ISO/IEC JTC 1/SC 32</b></p> <p style="text-align: center;"><b>Data Management and Interchange</b></p> <p style="text-align: center;"><b>Secretariat: United States of America (ANSI)</b></p> <p style="text-align: center;"><b>Administered by Pacific Northwest National Laboratory on behalf of ANSI</b></p>
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<b>DOCUMENT TYPE</b>	Other Document (Open)
<b>TITLE</b>	Proposal to Split Project: Remote Database Access for SQL with Extended Security
<b>SOURCE</b>	SC32/WG5
<b>PROJECT NUMBER</b>	31.05.02.00
<b>STATUS</b>	For Approval at the SC 32 Plenary 2000-01-28
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<b>REQUESTED ACTION</b>	Approval at the SC 32 Plenary
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available from the JTC 1/SC 32 WebSite <http://bwonotes5.wdc.pnl.gov/SC32/JTC1SC32.nsf>

\*Pacific Northwest National Laboratory (PNL) administers the ISO/IEC JTC 1/SC 32 Secretariat on behalf of ANSI

**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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