

ISO/IEC JTC 1/SC 32 N 0449

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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) Administered by Pacific Northwest National Laboratory on behalf of ANSI</p>

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REQUESTED ACTION	SC 32 requests ISO/IEC JTC 1 to approve the project subdivisions
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Douglas Mann, Secretariat, ISO/IEC JTC 1/SC 32

Pacific Northwest National Laboratory *, 901 D Street, SW., Suite 900, Washington, DC, 20024-2115,
United States of America

Telephone: +1 703 575 2114; Facsimile: +1 703 681 9180; E-mail: MannD@battelle.org

available from the JTC 1/SC 32 WebSite <http://bwonotes5.wdc.pnl.gov/SC32/JTC1SC32.nsf>

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JTC 1/SC 32 Project Subdivisions Approval Request to ISO/IEC JTC 1

JTC 1/SC 32 Resolution 5 from 32N0416

Resolution 5: SC 32 Project Subdivisions

SC 32 approves the following subdivisions and minor enhancements to existing work:

Project Number	Title	Project Editor	Rationale Doc #
03.05.12.00.00	Information technology - Database languages - SQL — Replication (SQL/Replication).	Melton, Jim	SC32 N00435 (WG 03 SAF-045) Note 1
64.06.00.00.00	Part 6: Data Mining	Friedemann Schwenkreis	SC32 N0447 (WG4N0011)
64.01.01.00.00	Part 1: Framework	Mike Newton	Note 2
31.05.02.00	Remote Database Access for SQL Edition 4	John Hadjioannou	Note 3
31.05.02.01	Data Management Interchange - Authorization	John Hadjioannou	SC32 N0448 (WG5N0071) Note 3

Note 1:

To date, there are more commercial database applications developers (independent software vendors, or ISVs) who have created their own in-house replication software than all ISVs using all commercial replication products combined. All of the homegrown and many of the commercial products are incompatible, hindering total market growth for all vendors.

The major reason why ISVs continue to create their own custom replication software is that most ISVs support three to five different database vendor platforms, each of which provides different replication functionality or none at all, and are not able to bear the training and administrative expense of learning and supporting three to five different replication systems. ISVs continue to do this custom software development in spite of research that shows each such replication project effort costs well in excess of US\$1 million and that most of such efforts fail.

Database replication capability is a growing requirement in the marketplace and will remain so for the foreseeable future, has become well-understood with mature implementations available, but lacks a useful standard that would help the user community and promote adoption for all vendors.

Proposal part 2 (wording of SC 32 non-plenary ballot for SQL/Replication): WG 3 recommends that SC 32 initiate a non-plenary ballot to approve a split of project {01.32.03.05} that creates a new part of 9075 (9075-12) entitled SQL/Replication, whose title and terms of reference are documented in JTC 1/SC 32 N00435 (WG3:SAF-045) and for which a candidate base document will be provided (SC32 number not yet assigned) and announced before the ballot is initiated.

Note 2:

Required to maintain consistency with the progression of the other parts.

Note 3:

Previously

31.05.02	RDA for SQL Amendment for Extended Security	John Hadjioannou	32N0442
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Rationale Summary:

SC 32 instructs its Secretariat to forward these subdivisions to JTC 1 for endorsement upon receipt of the rationale texts.

Voted and Accepted

Unanimous

End of JTC 1/SC 32 Resolution 5 from 32N0416

See 32N0435 - ISO Project Proposal for Replication
32N0447 - Proposal for a new SQL/MM subproject - -SQL/MM Part 6 - Data Mining, and
32N0448 - Proposal to Split Project: Remote Database Access for SQL with Extended Security