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The United States of America (ANSI)

Information technology — Database languages — SQL —

**Part 9:
Management of External Data (SQL/MED)**

TECHNICAL CORRIGENDUM 1

*Technologies de l'information — Langages de base de données — SQL —
Partie 9: Gestion des Données Externes (SQL/MED)*

RECTIFICATIE TECHNIQUE 1

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Statement of purpose for rationale:

A statement indicating the rationale for each change to ISO/IEC 9075 is included. This is to inform the users of that standard as to the reason why it was judged necessary to change the original wording. In many cases, the reason is editorial or to clarify the wording; in some cases, it is to correct an error or an omission in the original wording.

Notes on numbering:

Where this Corrigendum introduces new Syntax, Access, General, and Conformance Rules, the new rules have been numbered as follows:

Rules inserted between, for example, Rules 7) and 8) are numbered 7.1), 7.2), etc. [or 7)a.1), 7)a.2), etc.]. Those inserted before Rule 1) are numbered 0.1), 0.2), etc.

Where this Corrigendum introduces new Subclauses, the new Subclauses have been numbered as follows:

Subclauses inserted between, for example, Subclause 4.3.2 and Subclause 4.3.3 are numbered 4.3.2a, 4.3.2b, etc. Those inserted before, for example, 4.3.1 are numbered 4.3.0, 4.3.0a, etc.

Contents

Page

11	Schema definition and manipulation.	1
11.5a	<alter column data type clause>.	1
11.5a	<alter column data type clause>.	1
21	SQL/MED common specifications.	2
21.2	Implicit foreign-data wrapper cursor.	2

11 Schema definition and manipulation

11.5a <alter column data type clause>

1. *Rationale: Supply missing subclause.*

Insert the following Subclause:

11.5a <alter column data type clause>

This Subclause modifies Subclause 11.17, “<alter column data type clause>”, in ISO/IEC 9075-2.

Function

Change the declared type of a column.

Format

No additional Format items.

Syntax Rules

- 1) Insert this SR *D* shall not specify DATALINK.

Access Rules

No additional Access Rules.

General Rules

No additional General Rules.

Conformance Rules

No additional Conformance Rules.

21 SQL/MED common specifications

21.2 Implicit foreign-data wrapper cursor

1. *Rationale: Nullary functions other than <datetime value function> should be sensitive to <routine invocation>s.*

Replace GR 4) a) ii) with:

4) ...

a) ...

- ii) Each <value specification> generally contained in *SS* without an intervening <routine invocation> that is `CURRENT_USER`, `CURRENT_ROLE`, `SESSION_USER`, `SYSTEM_USER`, `CURRENT_CATALOG`, `CURRENT_SCHEMA`, `CURRENT_PATH`, `CURRENT_DEFAULT_TRANSFORM_GROUP`, or `CURRENT_TRANSFORM_GROUP_FOR_TYPE` <path-resolved user-defined type name> is effectively replaced by the value resulting from evaluation of `CURRENT_USER`, `CURRENT_ROLE`, `SESSION_USER`, `SYSTEM_USER`, `CURRENT_CATALOG`, `CURRENT_SCHEMA`, `CURRENT_PATH`, `CURRENT_DEFAULT_TRANSFORM_GROUP`, or `CURRENT_TRANSFORM_GROUP_FOR_TYPE` <path-resolved user-defined type name>, respectively, with all such evaluations effectively done at the same instant in time.