

How to Revoke an Audit Administrator before SQL/MX Release 3.2

Introduction

SQLXPress has one audit administrator, who is responsible for managing the SQLXPress audit subsystem and generating audit stores for reporting on SQLXPress activities. On installation, this is the user that installed SQLXPress, but may be assigned to a different user via the AX utility.

Assigning an audit administrator includes providing that user with exclusive access to the audit store directory table, named X34AUDST in the SQLXPress database. As of SQL/MX release 3.2, this table is given to the new audit administrator. However, prior to SQL/MX release 3.2, there was no facility to give SQL objects to different users. If the SQLXPress database is stored in an SQL/MX schema, providing the new administrator with access to the audit store directory cannot revoke access from the original administrator.

This technical note describes how to use the SQLXPress client to revoke access from the previous audit administrator.

Assigning the Audit Administrator

The current audit administrator can assign their role to a different user with the SQLXPress AX utility, found in the SQLXPress installation subvolume:

1. Log on to TACL using the logon id of the current administrator.

2. Change the subvolume to the SQLXPress installation subvolume

```
TACL> VOLUME $disk.sqlx
```

Use the actual subvolume name for your installation

3. Use the AX program to select the logon id of the new administrator:

```
TACL> RUN AX --GIVE new.admin
```

new.admin is an example, use the actual logon id of the new administrator on your system.

4. Log on to TACL using the logon id of the new administrator (This must be the logon id used in the GIVE command. In the above example this is new.admin.)

5. Change the subvolume to the SQLXPress installation subvol

```
TACL> VOLUME $disk.sqlx
```

Use the actual subvolume name for your installation

6. Use the AX program to accept the audit administrator role:

```
TACL> RUN AX --ACCEPT
```

At this point, the new audit administrator has been granted access to the audit store dictionary. When the previous audit administrator is the SQLXPress installer, stop at this point.

Removing the Previous Audit Administrator

You can revoke the previous audit administrator's access from the audit store dictionary using the SQLXPress client, as follows:

1. Log on to the SQLXPress client using the logon id of the SQLXPress installer, who will be the owner of the SQLXPress database.
2. Under the SQL/MX tab, select Manage the Database, then Manage Security, then Grant or revoke privileges.
3. Enter the name of the audit store dictionary, which will be the SQLXPress database schema name followed by X34AUDST, then press Go to display access on that table.
4. Select the line with the following column entries:
Granted By: The SQLXPress installer (i.e. current user id)
Granted To: The previous audit administrator
5. Check the Revoke Dependant Privileges box and press the Revoke button. This will remove the access granted to the previous administrator, but will also remove the privileges granted to the new administrator.
6. Press Add Grant and enter the new administrator id (new.admin in the example above), setting the Privileges to All with Grant.
7. Press Apply to apply the changes.