

DBMS_XDB_ADMIN

The `DBMS_XDB_ADMIN` package provides an interface to manage the Oracle XML DB repository.

This chapter contains the following topics:

- [DBMS_XDB_ADMIN Security Model](#)
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See Also:

Oracle XML DB Developer's Guide for information about Oracle XML DB Repository

DBMS_XDB_ADMIN Security Model

Owned by `XDB`, the `DBMS_XDB_ADMIN` package must be created by `SYS` or `XDB`. The `EXECUTE` privilege is granted to `SYS` or `XDB` or `DBA`. Subprograms in this package are executed using the privileges of the current user.

Summary of DBMS_XDB_ADMIN Subprograms

This table lists the package subprograms in alphabetical order.

Table 225-1 DBMS_XDB_ADMIN Package Subprograms

Subprogram	Description
CREATENONCEKEY Procedure	Generates a nonce value for use in digest authentication
INSTALLDEFAULTWALLET Procedure	Installs the default XDB wallet in the default XDB wallet directory
MOVEXDB_TABLESPACE Procedure	Moves the XDB (user) to the specified tablespace
REBUILDHIERARCHICALINDEX Procedure	Rebuilds the hierarchical index after import or export operations

CREATENONCEKEY Procedure

This procedure generates a nonce value for use in digest authentication.

Syntax

```
DBMS_XDB_ADMIN.CREATENONCEKEY;
```

INSTALLDEFAULTWALLET Procedure

This procedure installs the default XDB wallet in the default XDB wallet directory.

The directory name where the XDB wallet is stored is prefixed either by `ORACLE_BASE` when it is defined, or `ORACLE_HOME`. It is then followed by `/admin/db_name/xdb_wallet` where *db_name* is the unique database name.

Syntax

```
DBMS_XDB_ADMIN.INSTALLDEFAULTWALLET;
```

Usage Notes

Only `SYS` can install or replace the default wallet.

MOVEXDB_TABLESPACE Procedure

This procedure moves the XDB (user) to the specified tablespace.

Syntax

```
DBMS_XDB_ADMIN.MOVEXDB_TABLESPACE (
    new_tablespace IN VARCHAR2);
```

Parameters

Table 225-2 MOVEXDB_TABLESPACE Procedure Parameters

Parameter	Description
<code>new_tablespace</code>	Name of the tablespace to where the XDB is moved

Usage Notes

- This operation waits for all concurrent XDB sessions to exit.
- If `MOVEXDB_TABLESPACE` fails, the user should restart the database before issuing any further command. Failure to do so will result into unexpected behavior from the database.
- The XDB repository by default resides in the `SYSAUX` tablespace. Using this procedure it can be moved to another tablespace. As a best practice we recommend to create a dedicated tablespace for the XDB repository only and not share it with other objects (such as tables). The tablespace containing the XDB repository should never be set to `READ ONLY` because this might affect various XML operations being executed.

REBUILDHIERARCHICALINDEX Procedure

This procedure rebuilds the hierarchical index after import or export operations. This is necessary because data cannot be exported from index tables.

Syntax

```
DBMS_XDB_ADMIN.REBUILDHIERARCHICALINDEX;
```