

DBMS_AQELM

The package provides subprograms to manage the configuration of Oracle Advanced Queuing (AQ) asynchronous notification by e-mail and HTTP.



See Also:

Oracle Database Advanced Queuing User's Guide for detailed information about DBMS_AQELM

This chapter contains the following topics: DBMS_AQELM

- [Security Model](#)
- [Summary of DBMS_AQELM Subprograms](#)

DBMS_AQELM Security Model

You need the administrator role `AQ_ADMINISTRATOR_ROLE` to run all procedures in DBMS_AQELM.

Summary of DBMS_AQELM Subprograms

This section lists and briefly describes the DBMS_AQELM subprograms.

Table 28-1 DBMS_AQELM Package Subprograms

Subprogram	Description
SET_MAILHOST Procedure	Sets the host name for the SMTP server that the database will use to send out e-mail notifications
SET_MAILPORT Procedure	Sets the port number for the SMTP server
SET_SENDFROM Procedure	Sets the sent-from e-mail address

SET_MAILHOST Procedure

This procedure sets the host name for the SMTP server. The database uses this SMTP server host name to send out e-mail notifications.

Syntax

```
DBMS_AQELM.SET_MAILHOST (
    mailhost IN VARCHAR2);
```

Parameters

Table 28-2 SET_MAILHOST Procedure Parameters

Parameter	Description
mailhost	SMTP server host name.

Usage Notes

As part of the configuration for e-mail notifications, a user with `AQ_ADMINISTRATOR_ROLE` or with `EXECUTE` permissions on the `DBMS_AQELM` package needs to set the host name before registering for e-mail notifications.

SET_MAILPORT Procedure

This procedure sets the port number for the SMTP server.

Syntax

```
DBMS_AQELM.SET_MAILPORT (
    mailport IN NUMBER);
```

Parameters

Table 28-3 SET_MAILPORT Procedure Parameters

Parameter	Description
mailport	SMTP server port number.

Usage Notes

As part of the configuration for e-mail notifications, a user with `AQ_ADMINISTRATOR_ROLE` or with `EXECUTE` permissions on `DBMS_AQELM` package needs to set the port number before registering for e-mail notifications. The database uses this SMTP server port number to send out e-mail notifications. If not set, the SMTP mailport defaults to 25

SET_SENDFROM Procedure

This procedure sets the sent-from e-mail address. This e-mail address is used in the sent-from field in all the e-mail notifications sent out by the database to the registered e-mail addresses.

Syntax

```
DBMS_AQELM.SET_SENDFROM (
    sendfrom IN VARCHAR2);
```

Parameters

Table 28-4 SET_SENDFROM Procedure Parameters

Parameter	Description
sendfrom	The sent-from e-mail address.

Usage Notes

As part of the configuration for e-mail notifications, a user with `AQ_ADMINISTRATOR_ROLE` or with `EXECUTE` permissions on the `DBMS_AQELM` package should set the sent-from address before registering for e-mail notifications