

USING ON-ASSIGNMENT NOTIFICATIONS

PRODUCT: DBXL v2.5 or newer
LAST UPDATED: March 30, 2010

DBXL allows you assign xml documents via the QdFlow system document type. We can combine this with SQL triggers to generate on-assignment notifications. That is, when a document is assigned to a certain individual, the assignee will receive an email immediately, notifying that person of the assignment.

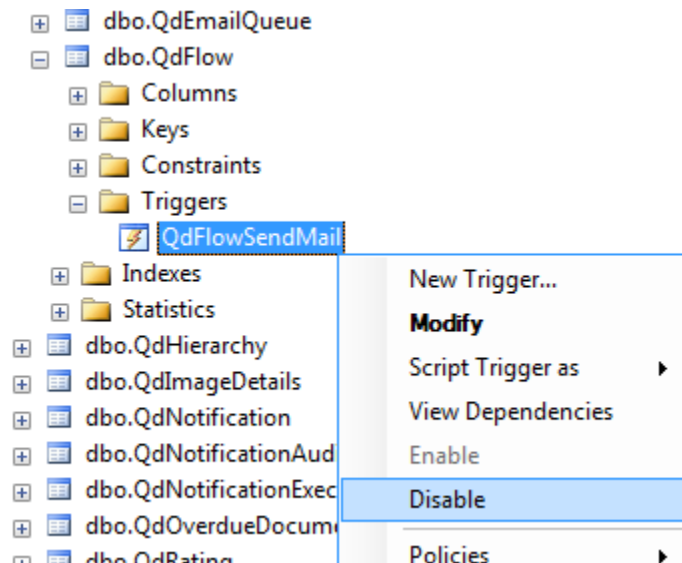
This document requires:

- DBXL v2.5 or higher
- SQL 2005 or newer (SQL Express not supported)

DISABLING ON ASSIGNMENT NOTIFICATIONS

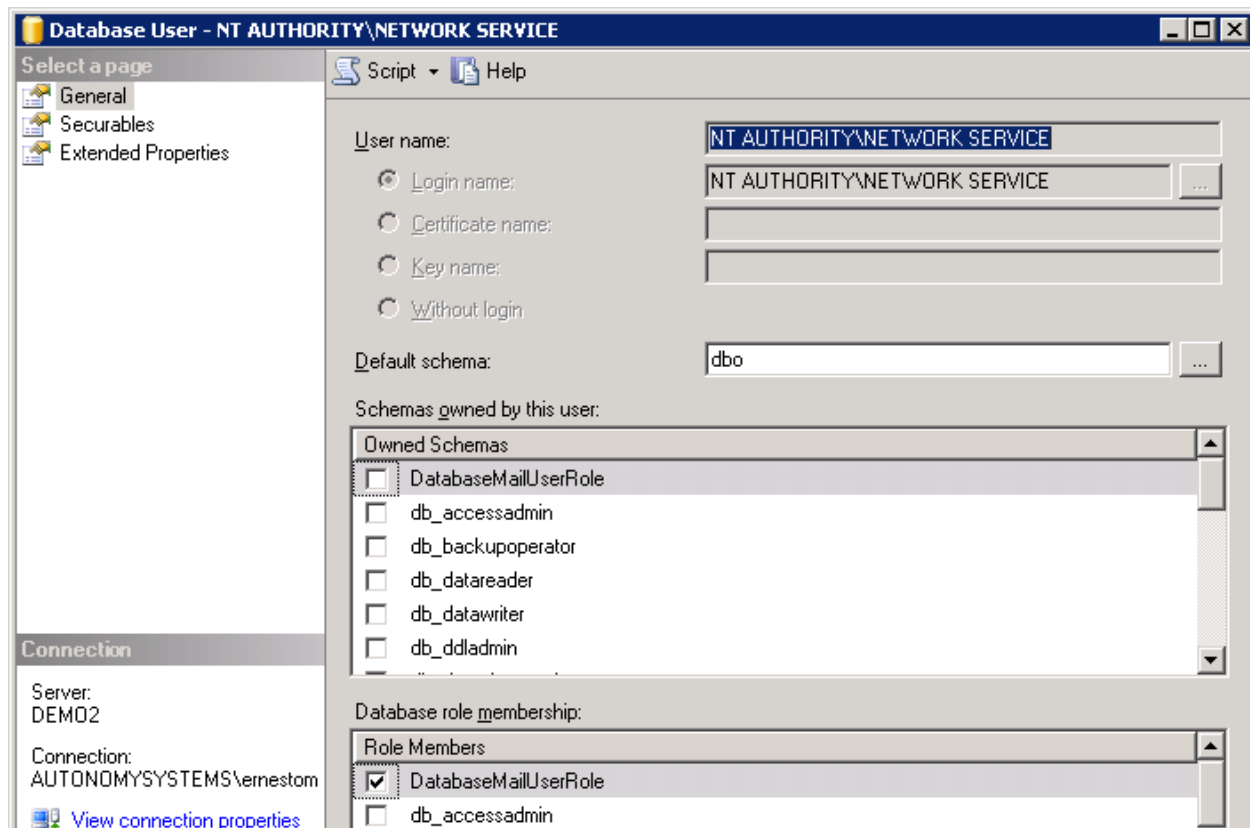
The on-assignment notification trigger is enabled by default. We begin this document explaining the steps to disable it, in case you wish to use QdFlow without the on-assignment notifications.

1. Open SQL Server Management Studio (SSMS).
2. Navigate to your **QdabraUtility** database (**QdabraUtility** is the default database name – if the name was changed during the installation process, the name will be whatever was specified at that time)
3. Navigate to the **QdFlow** table and expand the table node.
4. Expand the **Triggers** node, right click on the **QdFlowSendMail** trigger and select **Disable**:

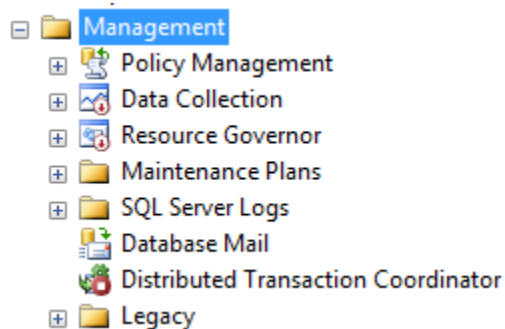


SET UP DATABASE MAIL FOR ON-ASSIGNMENT NOTIFICATIONS

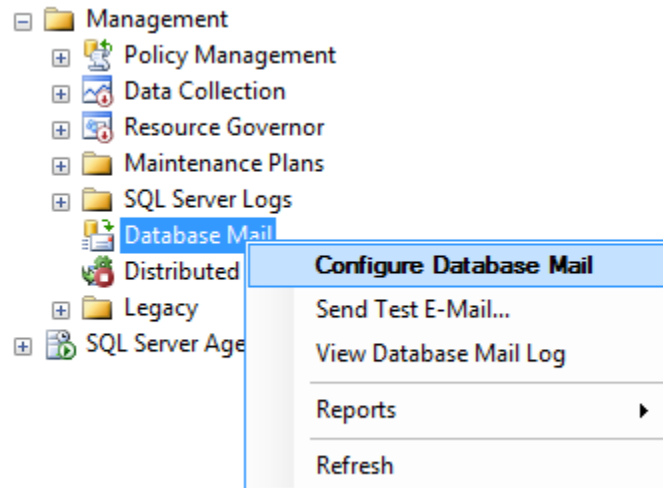
1. Open SQL Server Management Studio (SSMS).
2. Expand **Databases > System Databases > msdb > Security > Users**.
3. Add the **Network Service** account (or the account DBXL is using), and make sure to give it the **DatabaseMailUserRole** role.



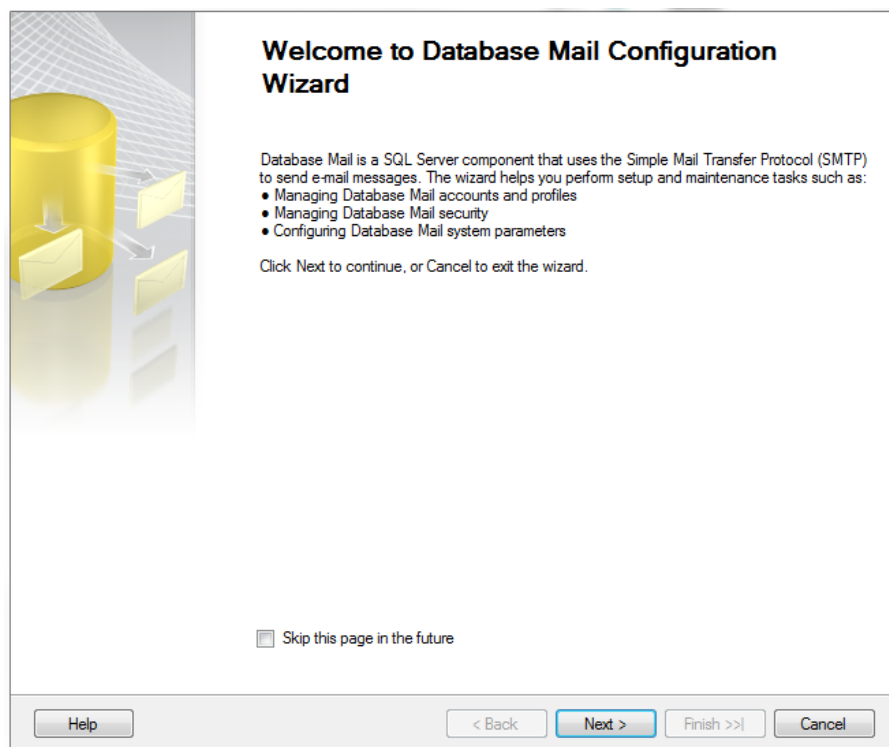
4. Expand the **Management** node in the Object Explorer



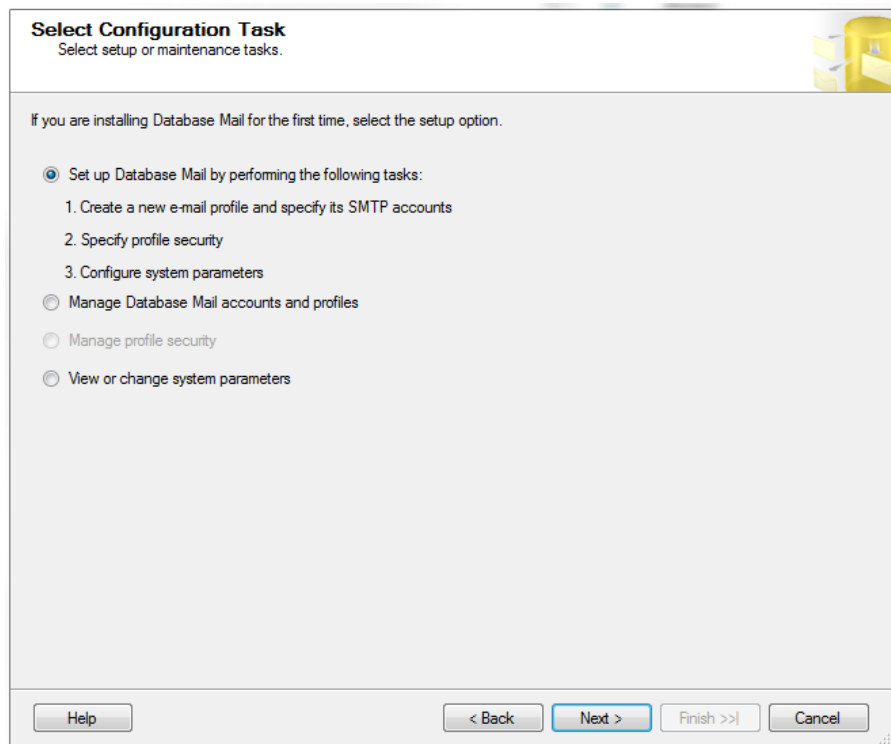
5. Right click **Database Mail**:



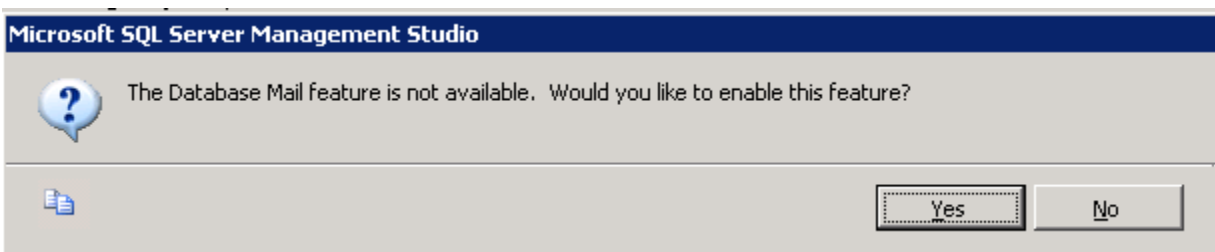
6. Click **Configure Database Mail**, and a Wizard will open:



7. Click **Next**:



8. Leave **Set up Database Mail** selected and click **Next**. You may be prompted to enable the feature. If so, click **Yes**.



New Profile
Specify the profile name, description, accounts, and failover priority.

Profile name:

Description:

A profile may be associated with multiple SMTP accounts. If an account fails while sending an e-mail, the profile uses the next account in the priority list. Specify the accounts associated with the profile, and move the accounts to set the failover priority.

SMTP accounts:

Priority	Account Name	E-mail Address

9. The **QdSendMail** stored procedure uses the mail profile 'DBXL Email Notifications'. Either use the same name for this profile or modify the **QdSendMail** procedure to use a different profile name:

```

BEGIN
    EXEC dbo.SqlSendMail
        @recipients = @AssignedToEmail, @copy_recipients = @CCAlias
        , @subject = @SubjectContent, @body = @BodyContent, @body_format = 'HTML'
        , @profile_name = 'DBXL Email Notifications';
END
ELSE
BEGIN
    EXEC msdb.dbo.sp_send_dbmail
        @recipients = @AssignedToEmail, @copy_recipients = @CCAlias
        , @subject = @SubjectContent, @body = @BodyContent, @body_format = 'HTML'
        , @profile_name = 'DBXL Email Notifications';
END

```

10. Add one or more SMTP accounts for the profile to use for sending mail:



Specify name, description, and attributes for your SMTP account.

Account name:

Description:

Outgoing Mail Server (SMTP)

E-mail address:

Display name:

Reply e-mail:

Server name: Port number:

☐ This server requires a secure connection (SSL)

SMTP Authentication

☐ Windows Authentication using Database Engine service credentials

☐ Basic authentication

User name:

Password:

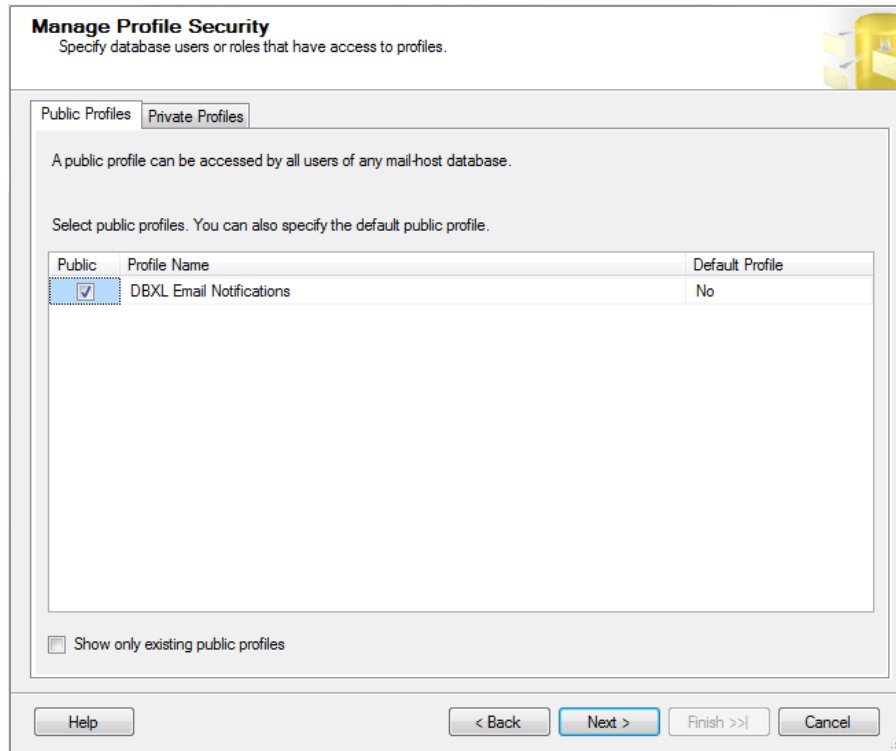
Confirm password:

☒ Anonymous authentication

OK Cancel Help

11. After creating the account(s), select **Next**. Mark the profile as public:



A screenshot of the 'Manage Profile Security' dialog box. The title bar says 'Manage Profile Security' with a subtitle 'Specify database users or roles that have access to profiles.' There are two tabs: 'Public Profiles' (selected) and 'Private Profiles'. Below the tabs, a text box says 'A public profile can be accessed by all users of any mail-host database.' Another text box says 'Select public profiles. You can also specify the default public profile.' Below this is a table with three columns: 'Public', 'Profile Name', and 'Default Profile'. The first row has a checked checkbox in the 'Public' column, the text 'DBXL Email Notifications' in the 'Profile Name' column, and 'No' in the 'Default Profile' column. Below the table is a checkbox labeled 'Show only existing public profiles' which is unchecked. At the bottom are buttons for 'Help', '< Back', 'Next >', 'Finish >>', and 'Cancel'.

Public	Profile Name	Default Profile
☒	DBXL Email Notifications	No

And select **Next**.

12. Make any other configuration adjustments you wish to make and select **Next** to complete the wizard:



Configure System Parameters
View or change Database Mail system parameters.

System parameters:

Parameter	Value
Account Retry Attempts	1
Account Retry Delay (seconds)	60
Maximum File Size (Bytes)	1000000
Prohibited Attachment File Extensions	exe,dll,vbs,js
Database Mail Executable Minimum Lifetime (seconds)	600
Logging Level	Extended

Number of retry attempts for a mail server to send email.

Reset All

Help < Back Next > Finish >> Cancel

SUPPORT

If you have questions about the information in this document, please contact Qdabra Software for assistance.

Licensed customers can contact us via Support@Qdabra.com.

You can also use the [InfoPathDev.com](http://www.infopathdev.com) [Qdabra Product support forums](http://www.infopathdev.com) to request help from the community.

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