

MsSQL - Setup Emailing

```
/*

Turn on MsSQL emailing on

Created By: Steve Ling 2024/08/31

*/

-- Run First
if (SELECT [value] FROM sys.configurations WHERE [name] = N'show advanced options') <> 1
Begin
    EXEC sp_configure 'show advanced options', 1;
    RECONFIGURE;
End

if (SELECT [value] FROM sys.configurations WHERE [name] = N'Database Mail XPs') <> 1
Begin
    EXEC sp_configure 'Database Mail XPs', 1;
    RECONFIGURE
End

-- Declaration Parameters
Declare @SMTP nvarchar(50), @SendFromEmail nvarchar(100), @Port int, @SSL int, @User nvarchar(50), @Pass
nvarchar(50)

-- SMTP server
Set @SMTP= 'mail.onling.com'
Set @SendFromEmail= 'no_reply@sflservicesllc.com'
Set @Port= 25
Set @SSL= 0--1 = True, 0= False
--If @SSL is false leave the following blank
Set @User= ''
Set @Pass= ''

-- ##### No changes below here #####

-- Create a Database Mail profile
```

```

EXECUTE msdb.dbo.sysmail_add_profile_sp
    @profile_name = 'Notifications',
    @description = 'Profile used for sending outgoing notifications.' ;

-- Grant access to the profile to the DBMailUsers role
EXECUTE msdb.dbo.sysmail_add_principalprofile_sp
    @profile_name = 'Notifications',
    @principal_name = 'public',
    @is_default = 1 ;

-- Create a Database Mail account
EXECUTE msdb.dbo.sysmail_add_account_sp
    @account_name = 'SMTP',
    @description = 'Mail account for sending outgoing notifications.',
    @email_address = @SendFromEmail,
    @display_name = 'Automated Mailer',
    @mailserver_name = @SMTP,
    @port = @Port,
    @enable_ssl = @SSL,
    @username = @User,
    @password = @Pass ;

-- Add the account to the profile
EXECUTE msdb.dbo.sysmail_add_profileaccount_sp
    @profile_name = 'Notifications',
    @account_name = 'SMTP',
    @sequence_number = 1 ;
GO

-- Run to Delete
/*
EXECUTE msdb.dbo.sysmail_delete_profileaccount_sp @profile_name = 'Notifications'
EXECUTE msdb.dbo.sysmail_delete_principalprofile_sp @profile_name = 'Notifications'
EXECUTE msdb.dbo.sysmail_delete_account_sp @account_name = 'SMTP'
EXECUTE msdb.dbo.sysmail_delete_profile_sp @profile_name = 'Notifications'
*/

-- Run to Test
/*
EXEC msdb.dbo.sp_send_dbmail

```

```
@profile_name = 'Notifications',  
@recipients = 'Use a valid e-mail address',  
@body = 'The database mail configuration was completed successfully.',  
@subject = 'Automated Success Message';
```

GO

*/

Revision #1

Created 2 September 2024 21:11:06 by Steve Ling

Updated 31 January 2025 00:39:45 by Steve Ling