How to use DB Mail - TSQL & UI based step by step

Last updated by | Charlene Wang | Aug 18, 2020 at 11:31 PM PDT

Contents

1. Enable Database Mail:

sp_configure 'show advanced options', 1;

GO

RECONFIGURE;

GO

sp_configure 'Database Mail XPs', 1;

GO

RECONFIGURE

2. Create account and profile

2.a-- Create a Database Mail account

EXECUTE msdb.dbo.sysmail_add_account_sp

@account_name = 'Managed Instance CSStestMI',

@description = 'Mail account for CSSTestMI Email.',

@email_address = 'azure_8f728683942917c1901d37a0f0df4d41@azure.com',

@display_name = 'Managed Instance Automated Mailer -for testing',

@mailserver_name = 'smtp.sendgrid.net ☐' ,

@username = 'azure_8f728683942917c1901d37a0f0df4d41@azure.com' ,

@password = 'CloudLifter1'

(above mail server/user/pwd is for internal test purpose only)

2.b-- Create a Database Mail profile

EXECUTE msdb.dbo.sysmail_add_profile_sp

@profile_name = 'AzureManagedInstance_dbmail_profile',

@description = 'E-mail profile used for Managed Instance testmail.' ;

2.c-- Add the account to the profile

EXECUTE msdb.dbo.sysmail_add_profileaccount_sp

@profile_name = 'AzureManagedInstance_dbmail_profile',

@account_name = 'Managed Instance CSStestMI',

@sequence_number = 1;

3. Try Sending Email (you can use this below script inside a SQL agent job to test scheduled delivery)

EXEC msdb.dbo.sp_send_dbmail

@profile_name = 'AzureManagedInstance_dbmail_profile',

@recipients = 'subbuk@microsoft.com',   --(add your alias here)

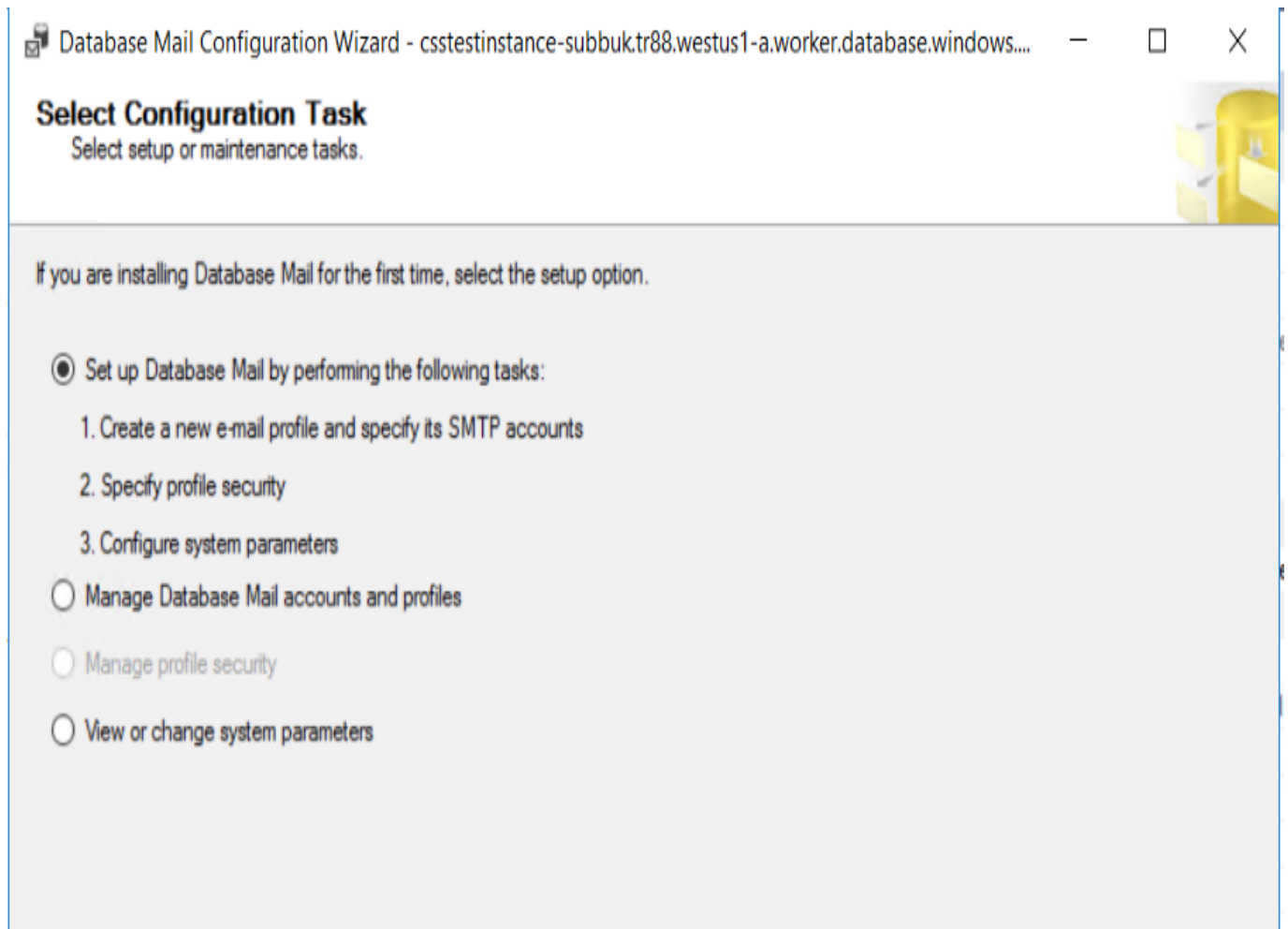@body = 'The email is delivered successfully.',

@subject = 'Managed Instance test email' ;

UI based setup :

Step 1

1. Expand Management and find Database Mail
2. Right click on Database Mail, and choose configure database mail
3. Select Set up Database Mail by performing following steps

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Step 2.

Add Profile Name, Description and click Add to provide SMTP account details

Step 3

SMTP details

Account Name	Managed_Instance_CSS
Description	Mail account for Azure SQL Managed Instance CSS team
E-mail address	azure_8f728683942917c1901d37a0f0df4d41@azure.com
Server name	smtp.sendgrid.net (Internal test use ONLY)
User name	azure_8f728683942917c1901d37a0f0df4d41@azure.com (Internal test use ONLY)
Password	CloudLifter1 (Internal test use ONLY)

After filling the information, click next and follow the wizard to complete setup.

Step 4

Test:
Finally, test sending email from TSQL or thru Agent -

EXEC msdb.dbo.sp_send_dbmail

@profile_name = 'AzureManagedInstance_dbmail_profile',

@recipients = 'subbuk@microsoft.com',   --(add your alias here)

@body = 'The email is delivered successfully.',

@subject = 'Managed Instance test email' ;

Confirm delivery :
You will receive an email   similar to below snapshot, if configured dbmail correctly.

How good have you found this content?