

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

- [2.a-- Create a Database Mail account](#)
- [2.b-- Create a Database Mail profile](#)
- [2.c-- Add the account to the profile](#)
- UI based setup :
 - [Step 1](#)
 - [Step 2.](#)
 - [Step 3](#)
 - [Step 4](#)

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.',
```

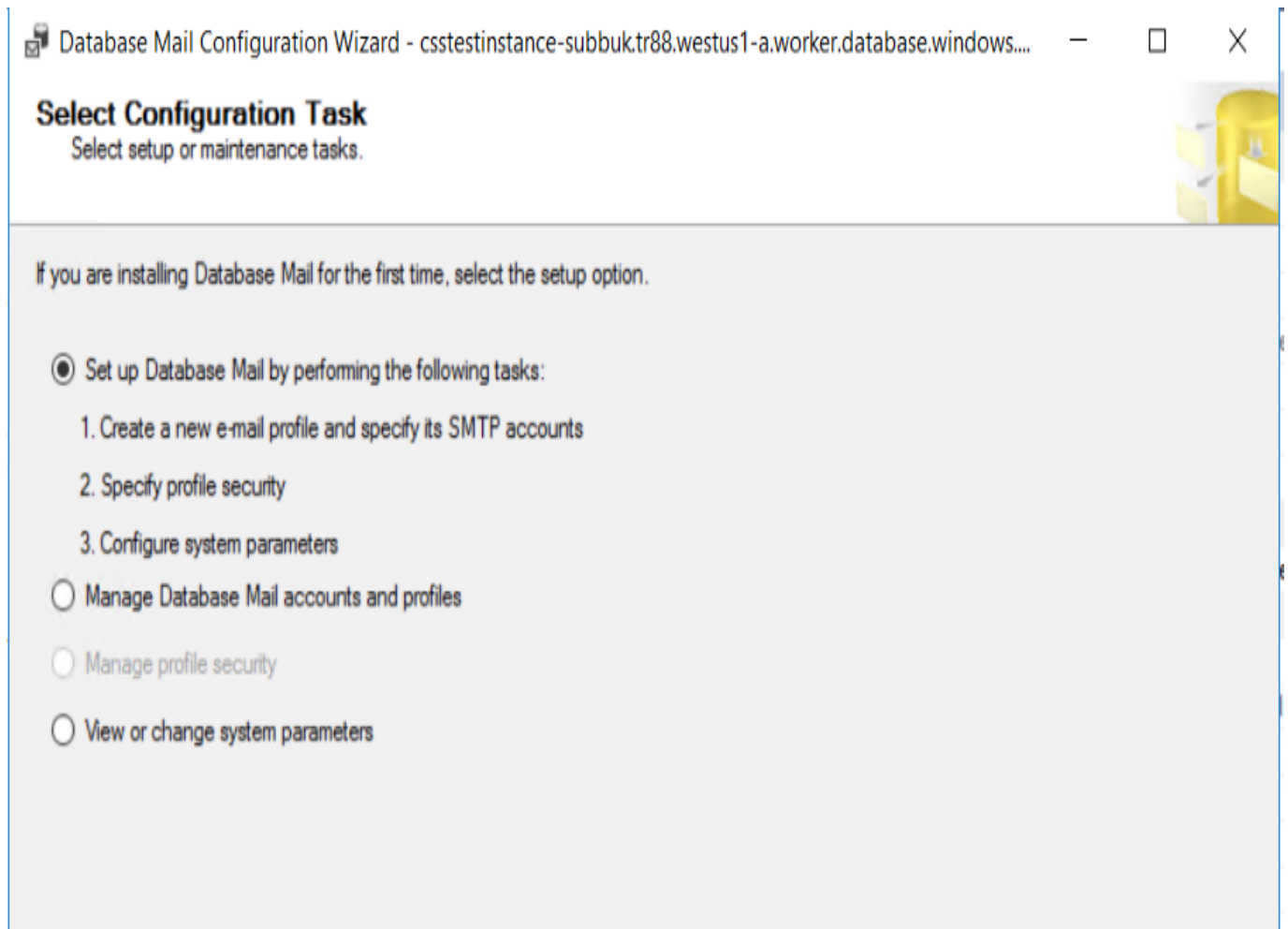
```
@subject = 'Managed Instance test email' ;
```

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

```
&nbsp;  </li>
```



Step 2.

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

Database Mail Configuration Wizard - csstestinstance-subbuk.tr88.westus1-a.worker.database.windows....

New Profile

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

Profile name:

CSS-ManagedInstance_dbmail_profile

Description:

E-mail profile used for Managed Instance administrative mail

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
----------	--------------	----------------

Add...

Remove

Move Up

Move Down

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.

Account name: Managed Instance CSS Delete

Description: Mail account for Azure SQL Managed Instance CSS team

Outgoing mail server (SMTP)

E-mail address: azure_8f728683942917c1901d37a0f0df4d41@azure.com

Display name: Subbu DBMail -CSS SQL Azure

Reply e-mail:

Server name: smtp.sendgrid.net Port number: 25

☐ This server requires a secure connection (SSL)

SMTP Authentication

☐ Windows Authentication using Database Engine service credentials

☒ Basic authentication

User name: azure_8f728683942917c1901d37a0f0df4d41@azure.com

Password: *****

Confirm password: *****

☐ Anonymous authentication

Help < Back **Next >** Finish >> Cancel

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?

