

# Configuring e-mail notifications

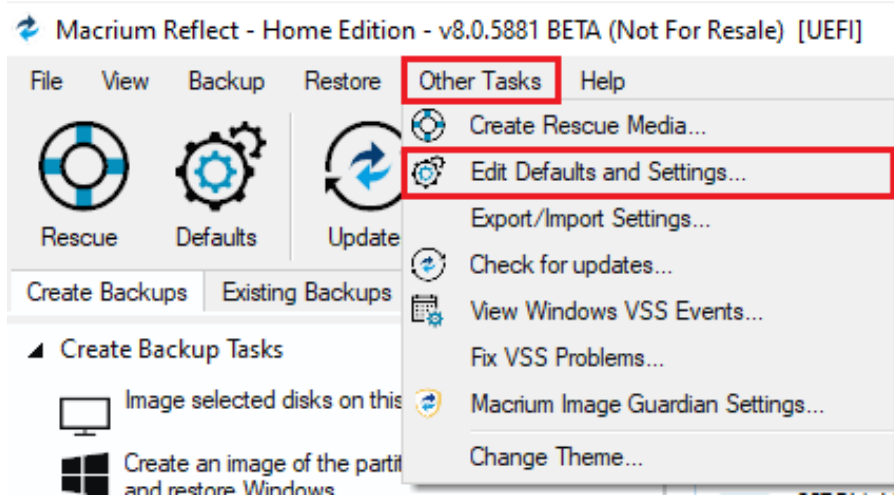
For many users, email notification of success or failure of a backup helps them keep on top of the status of their backups, particularly with scheduled backups which take place in the background.

- [Program Defaults and SMTP Server settings](#)
- [Custom SMTP Server](#)
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- [Default Email Success, Warning and Failure](#)
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## Program Defaults and SMTP Server settings

The default settings are used when creating new backup definitions

- From **Other Tasks** select **Edit Defaults and Settings...**

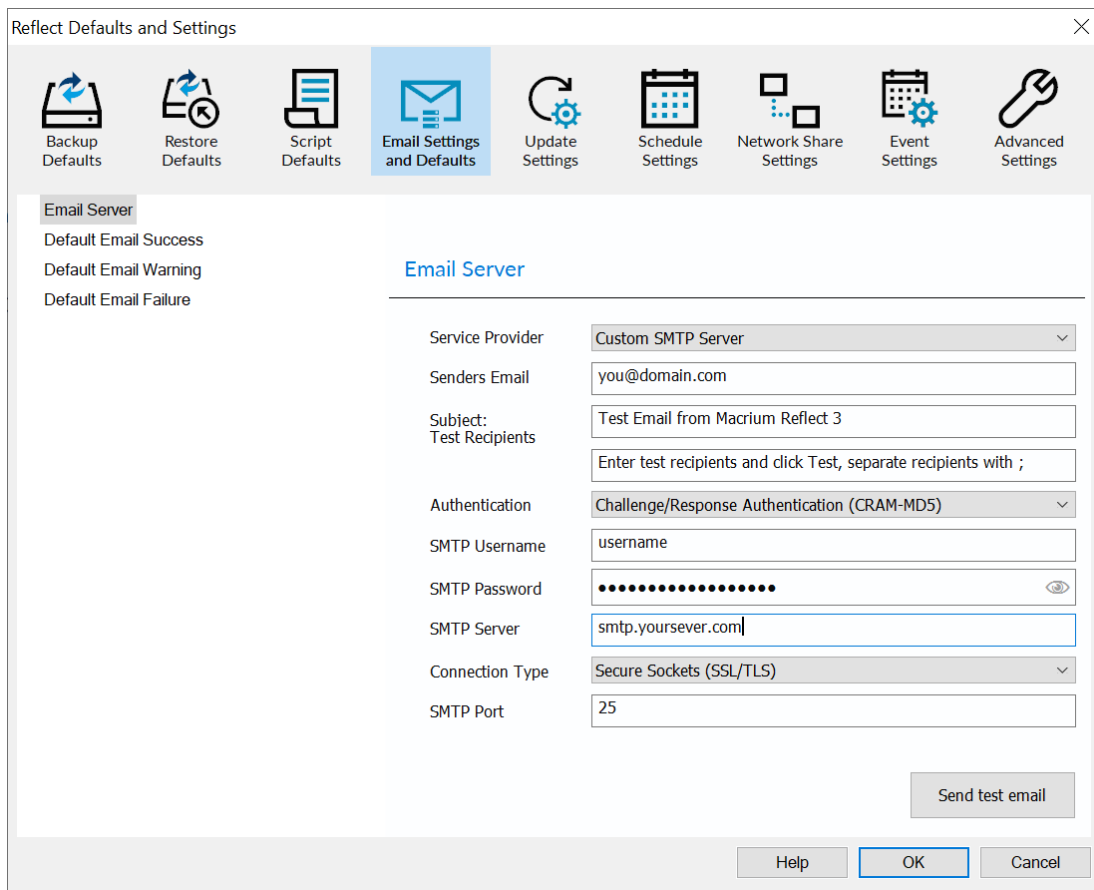


Emails can be sent for backup completion notifications, software update notifications and for add-hoc emails of logs and support contact.

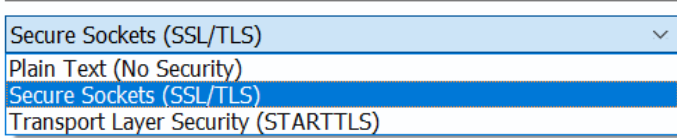
You can choose to manually configure your Email SMTP server, or use your Google or Microsoft account to send Emails using Gmail or Outlook 365

Service Provider	Google - Gmail
Subject:	Custom SMTP Server
	Google - Gmail
	Microsoft - Outlook 365

## Custom SMTP Server



Option	Description
<b>Senders Email</b>	The Email address of the sender. This is normally required to be the same domain as your ISP.
<b>Authentication</b>	<p>Authentication options are set by your email provider/server.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Challenge/Response Authentication (CRAM-MD5) ▾</p> <p>None</p> <p>Auto Detect</p> <p>Challenge/Response Authentication (CRAM-MD5)</p> <p>Secure Username/Password login (AUTH LOGIN)</p> <p>Username/Password login (AUTH PLAIN)</p> <p>Microsoft NT Lan Manager (NTLM)</p> </div> <p><b>Note:</b> If you do not know your authentication settings, try <b>Auto Detect</b>.</p>
<b>SMTP Username</b>	The user name associated with your e-mail account. This is essentially your email address.
<b>SMTP Password</b>	This is the password for your e-mail Server.
<b>SMTP Server</b>	This is the outgoing / SMTP Server setting or IP address.

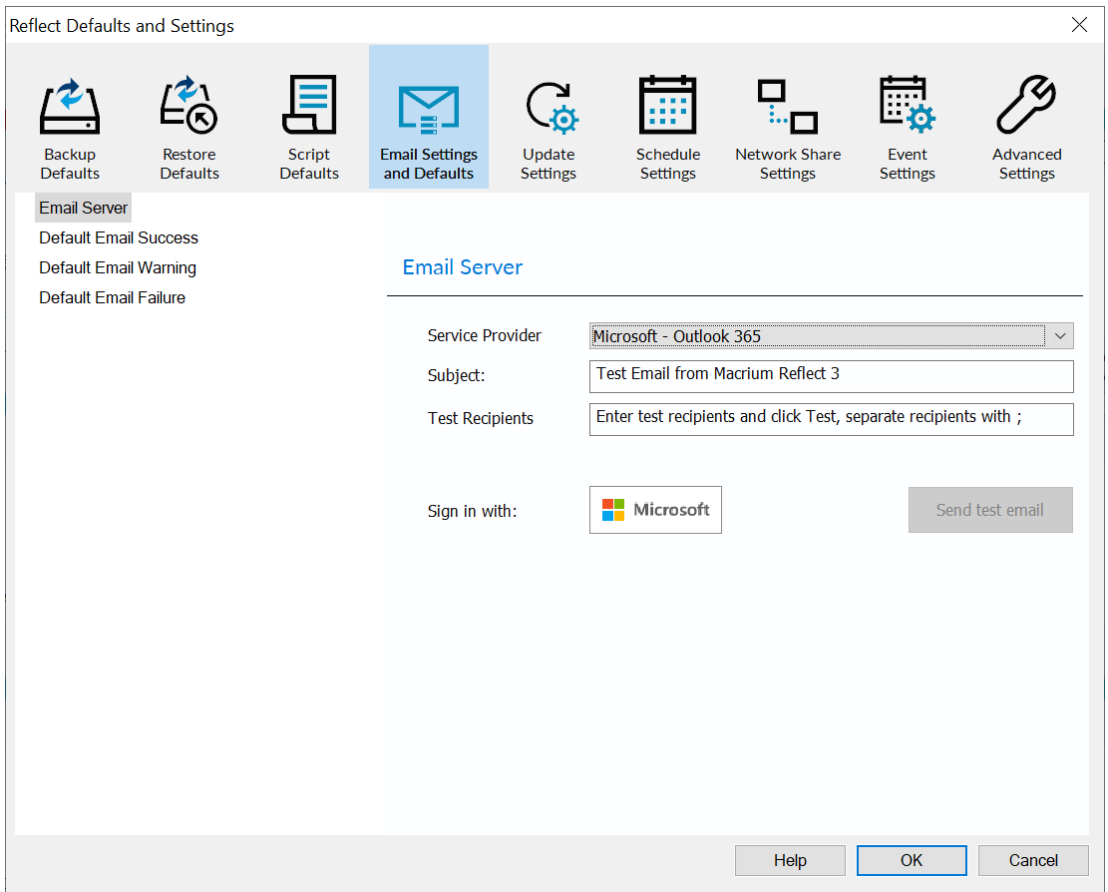
<b>Connection Type</b>	Contact your ISP for the correct setting   Note: These settings can be found from your email provider.
<b>SMTP Port</b>	This is associated with <b>Connection Type</b> and is the port number that the SMTP server is listening on.  Note: These settings can be found from your email provider.
<b>Test Recipients</b>	This option is used to test the configured settings; enter your e-mail address in that field and click <b>Test</b> to send a test message to your email.

## Google - Gmail and Microsoft Outlook 365

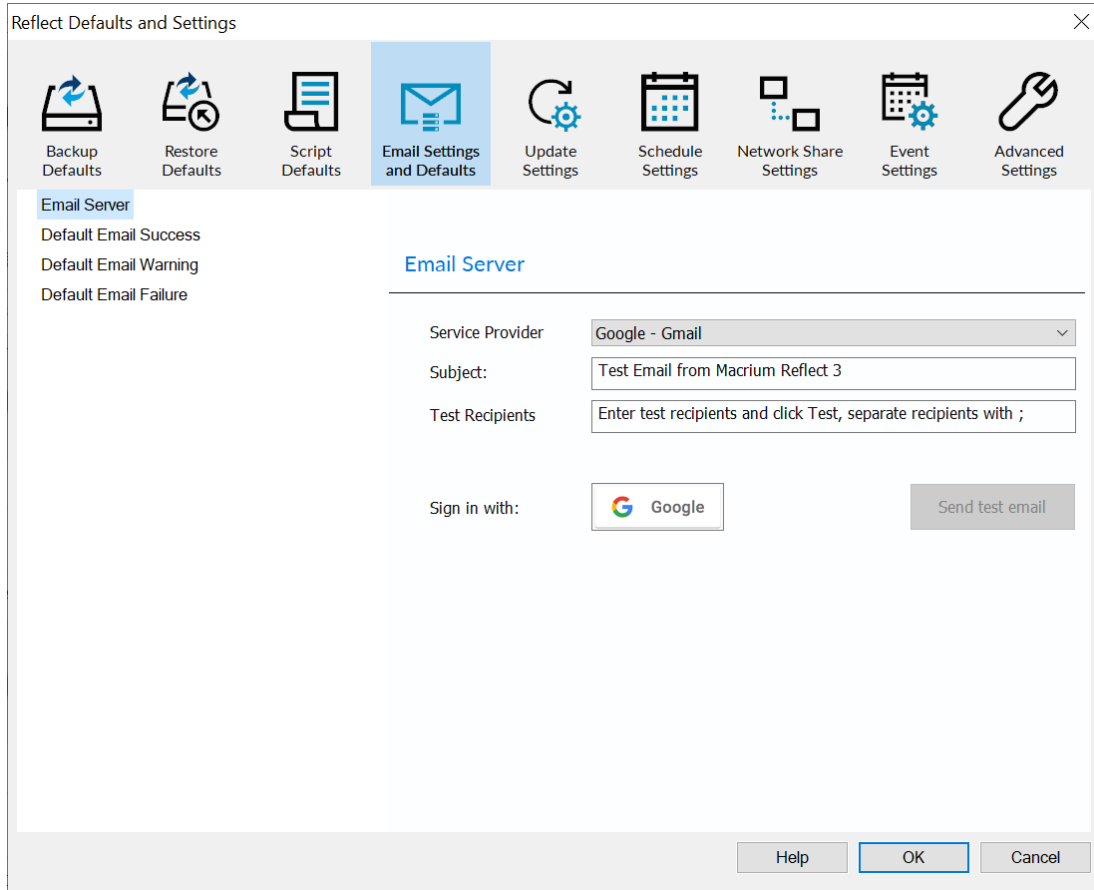
Macrium Reflect v8.0 includes OAuth 2.0 to authenticate Macrium Reflect to send emails using your **Microsoft** or **Gmail** account. It's easy to setup and uses your account sign in, including two factor if enabled, to securely authenticate.

**Note:** OAuth 2.0 authentication tokens are stored locally. **We don't see or store any authentication information on our servers.**

### Microsoft - Outlook 365

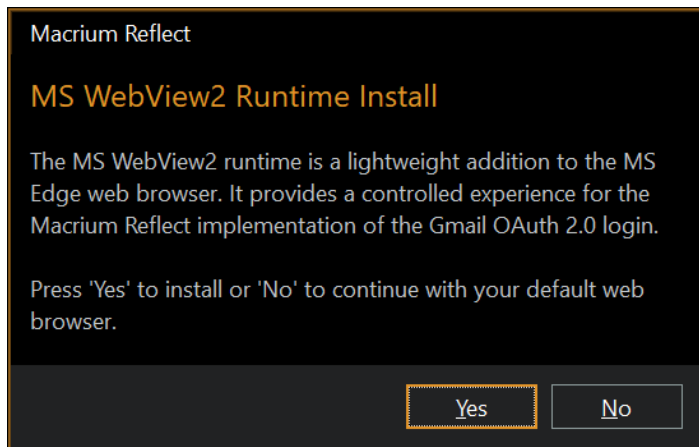


### Google - Gmail

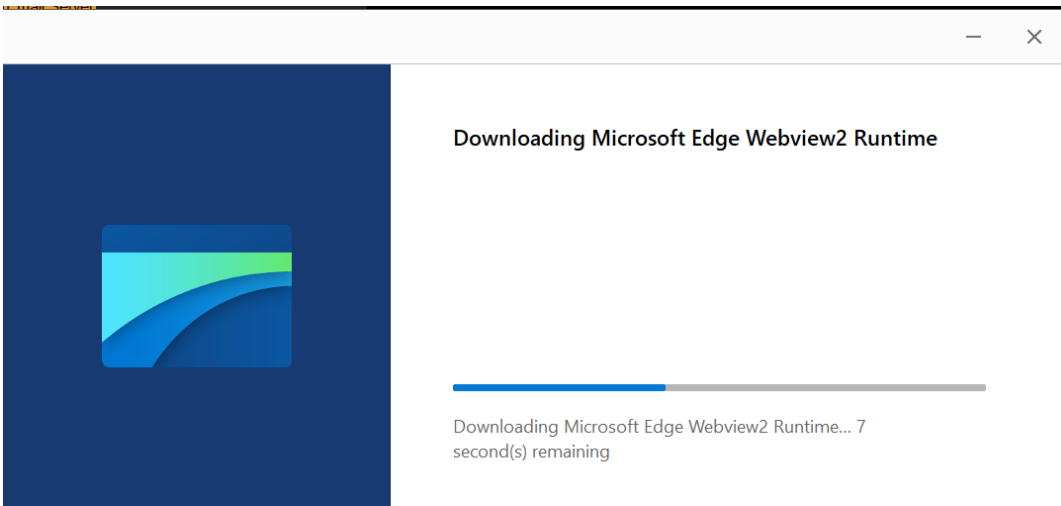


The first time you sign in you will be prompted for a one time download and install of the [WebView2 distribution installer](#).

This is a lightweight MS Edge Chromium web browser that provides a controlled experience for the Macrium Reflect implementation of the OAuth 2.0 login.



**Click 'Yes'** to install or 'No' to continue with your web browser. If you click 'No' you will be taken out of Macrium Reflect to continue in your default web browser.




Once WebView2 installation is complete a web sign in dialog opens. **Follow the normal sign in procedure for either Microsoft or Google,** completing two factor authorization as necessary.

You'll be prompted to accept permissions to allow Macrium Reflect to send emails on your behalf.


**Note:** These are the absolute minimum permissions required to send emails. We don't require or request anything else

For Microsoft **Click 'Accept'**



account@macrium.com

### Permissions requested

 **Macrium Reflect**  
Paramount Software UK LTD

This app would like to:


- Maintain access to data you have given it access to
- View your basic profile
- Send mail as you
- Consent on behalf of your organization

Accepting these permissions means that you allow this app to use your data as specified in their [terms of service](#) and [privacy statement](#). You can change these permissions at <https://myapps.microsoft.com>. [Show details](#)

Does this app look suspicious? [Report it here](#)

[Terms of use](#) [Privacy & cookies](#) ...


For Google **click 'Allow'**

 Sign in with Google



## Macrium Reflect wants to access your Google Account

This will allow **Macrium Reflect** to:

- Send email on your behalf 

### Make sure that you trust Macrium Reflect

You may be sharing sensitive info with this site or app. Find out how Macrium Reflect will handle your data by reviewing its [terms of service](#) and [privacy policies](#). You can always see or remove access in your [Google Account](#).

[Find out about the risks](#)

[Cancel](#)

**That's it!** You're now setup to use Gmail or Microsoft as the service provider to send your backup completion emails.

Reflect Defaults and Settings

Backup Defaults   Restore Defaults   Script Defaults   **Email Settings and Defaults**   Update Settings   Schedule Settings   Network Share Settings   Event Settings   Advanced Settings

Email Server


Default Email Success  
Default Email Warning  
Default Email Failure

**Email Server**

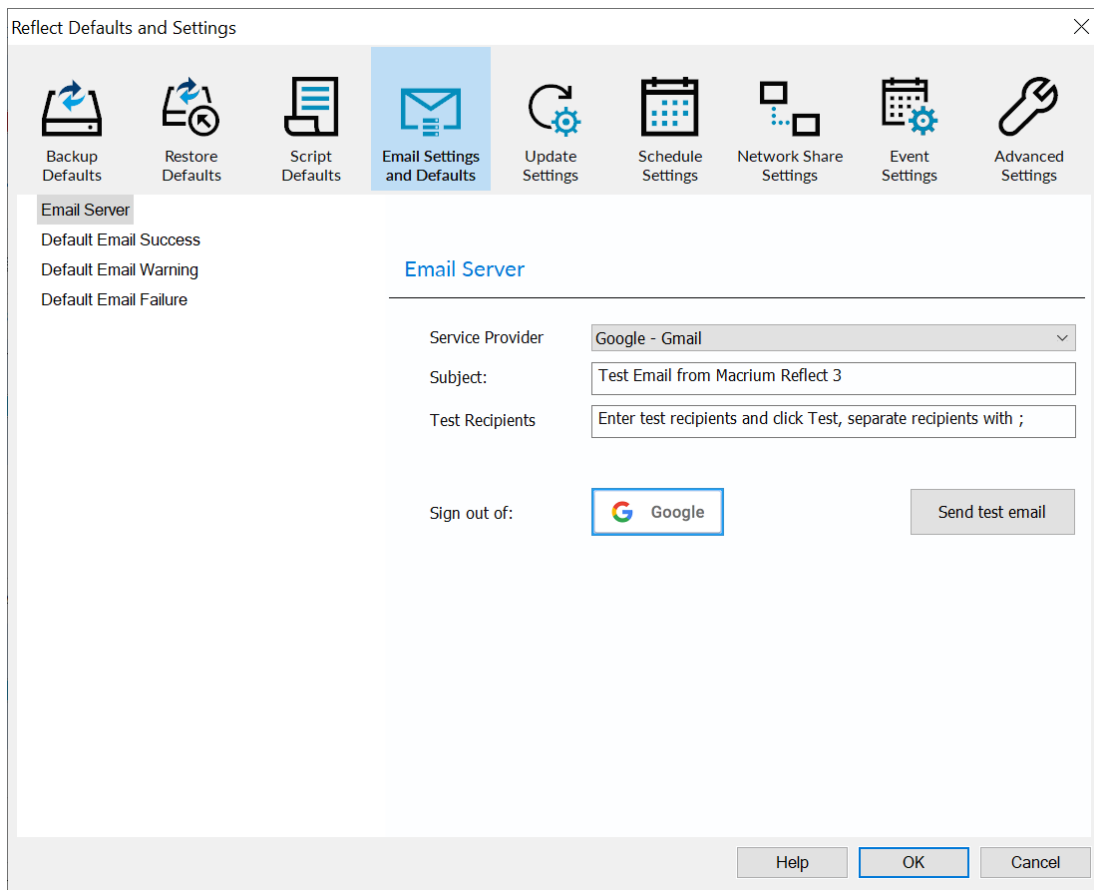
Service Provider: Microsoft - Outlook 365

Subject: Test Email from Macrium Reflect 3

Test Recipients: Enter test recipients and click Test, separate recipients with ;

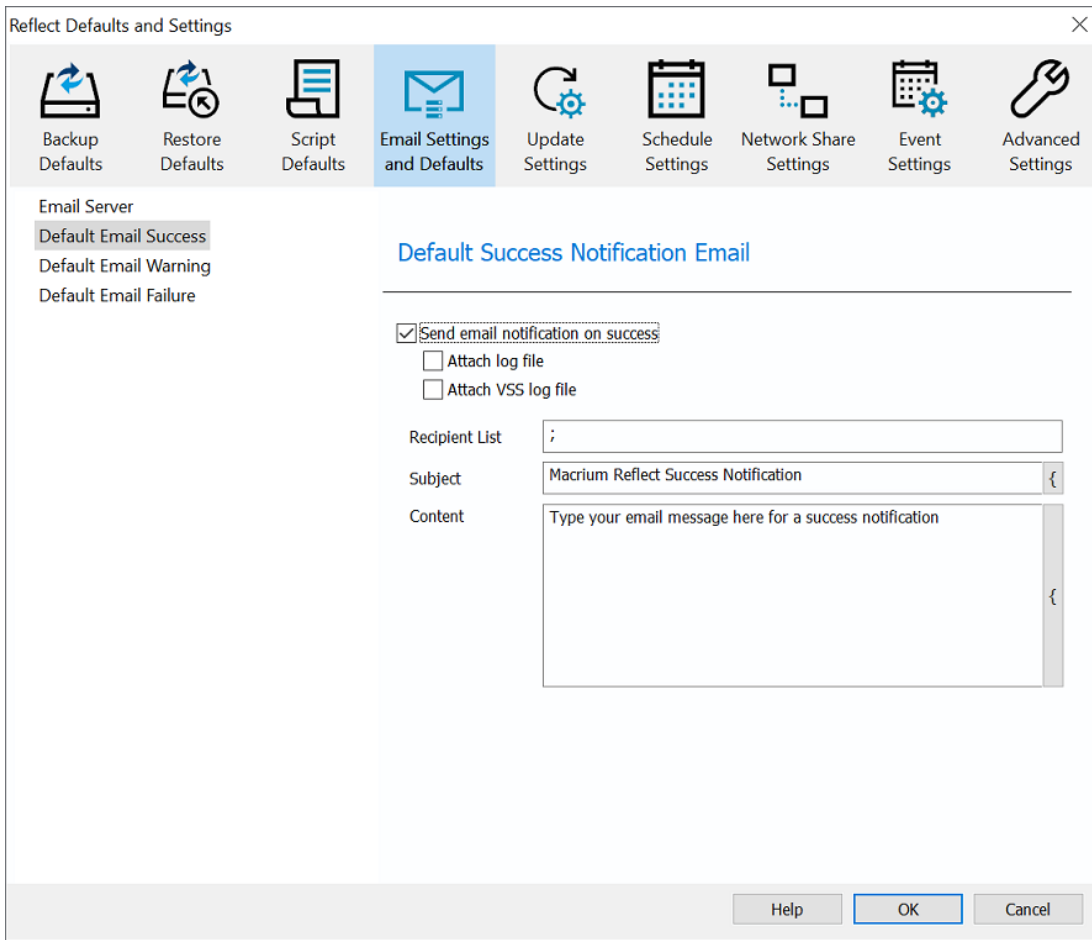
Sign out of:  Send test email

Help   OK   Cancel



## Default Email Success, Warning and Failure





Option	Description
<b>Attach log file</b>	Attach the HTML backup log file.
<b>Attach VSS log file</b>	Attach the VSS log if VSS was involved in the backup.
<b>Include Cancellations</b>	<b>Email Failure setting.</b> Also send an Email for cancelled backups.
<b>Recipient List</b>	Separate multiple Email addresses with ';' name@domain.com; name2@domain.com
<b>Subject Content</b>	Enter your own text in these fields to identify the backup job.

## Email Parameters

Run time parameters enable dynamic information to be included in email subjects and content at run time. In the subject or content simply **type '{'** or **press the '{' button** at the end of the edit field:

The selected parameter from the pop-up menu will be inserted into the email subject/content at the edit position.

All parameters are evaluated at run time.

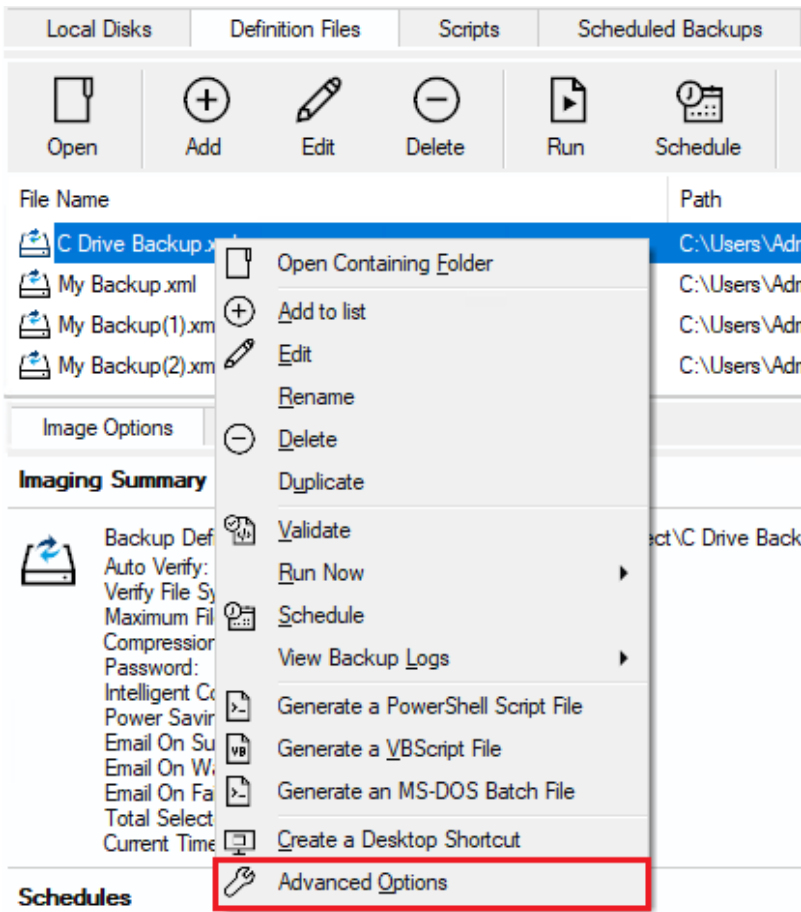
Parameter	Description
{REFLECTVER}	Macrium Reflect major minor and build number (9.9.9999)
{BACKUPTYPE}	Full, Diff or Inc
{COMPRESSION}	None, Med or High
{AES}	Clear, None, 128, 192 or 256 Where 'Clear' is no password and 'None' is password with no AES
{WINVER}	Windows major minor and build number (9.9.99999)
{PCNAME}	The PC NetBIOS name
{USERNAME}	The Windows account name running Macrium Reflect
{USERDOMAIN}	The Windows account domain running Macrium Reflect
{ISODATE}	Current backup formatted date and time (YYYY-MM-DDTHH.MM.SS)
{YYYY}	Year with century, as a number

{YY}	Year without century, as a number (00 - 99)
{MM}	Month as a number (01 - 12)
{MNAME}	Full month name
{MNAMESHORT}	Abbreviated month name
{WEEKNUMM}	Week number (00 - 53). The 1st Monday is the 1st day of week 1
{WEEKNUMS}	Week number (00 - 53). The 1st Sunday is the 1st day of week 1
{DD}	Day of month as a number (01 - 31)
{WDNAME}	Full weekday name
{WDNAMESHORT}	Abbreviated weekday name
{WDNUMMON}	Weekday as a number (1 - 7; Monday is 1)
{WDNUMSUN}	Weekday as a number (0 - 6; Sunday is 0)
{HH}	Hour in 24-hour format (00 - 23)
{HH12}	Hour in 12-hour format (01 - 12)
{AMPM}	A.M./P.M. indicator for 12-hour clock
{MIN}	Minute as a number (00 - 59)
{SS}	Second as a number (00 - 59)
{BACKUPFILENAME}	Name of the backup file
{BACKUPFILEPATH}	Full path to the backup file
{BACKUPDEFINITIONNAME}	Name of the definition file used for the backup
{BACKUPDEFINITIONPATH}	Full path to the definition file
{BACKUPCOMMENT}	The comment in the backup
{BACKUPSTATUS}	The backup completion status - Success, Warning or Failure

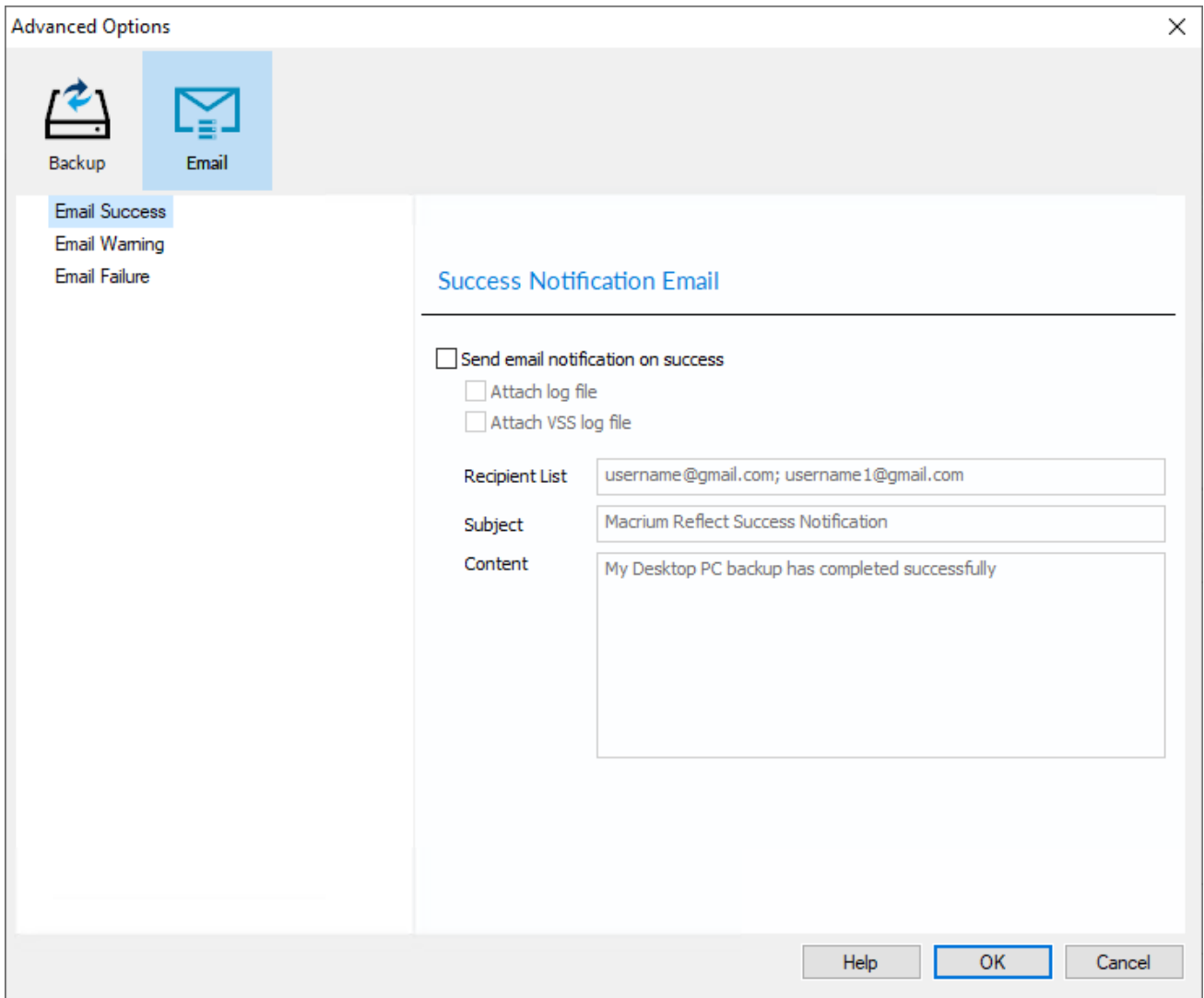
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## Email notification for existing individual backups

- Click **Definition Files**, right-click on the backup definition and select **Advanced Options**.



- Click the **Email** icon.



- Set your e-mails for **success** and **failure** of a backup as described above.
- Click **OK**.