

ASPECT® v3.07.02

Summary

ASPECT **Mailer** can now be configured to use OAuth2 in the same way as ASPECT **Calendars**. Additional updates to enhance Security.

Features

USING ASPECT EMAILER WITH EXCHANGE/OFFICE365

ASPECT **Mailer** can now be configured to use OAuth2 in the same way as ASPECT **Calendars** as follows:

Step 1 : Register an “application” in your Office 365 account (via Azure Portal)

In order for ASPECT to send email via an Office 365 Exchange server, that server needs to 'know about' an application that requires permission to read that information. To tell the server about your ASPECT project, you need to register an app via your Azure Portal:

1. Sign in to your [Azure Portal](#).
2. Select "Manage Azure Active Directory" (View).
3. Select "App Registrations" from the menu on the left.
4. Select "New Registration and enter a descriptive name for your Application.
5. Under "Supported Account Types", select the first option "Accounts in this organizational directory only".
6. Click "Register" at the bottom of the page. A page should be displayed showing your new registered Application. Copy the "Application (client) ID" from this page. Paste this somewhere for use in *Step 2 : Configure your Mailer in Aspect Studio* below.

Note: The Client ID is 30-40 characters long e.g. "314c2d7b-751f-44b6-be88-9b87dc241785".

7. Select "Certificates and Secrets" on the left.
8. Select "New Client Secret". Set the Description to any descriptive text e.g. "AspectSecret" and Expires to "24 months".

Note: Unfortunately "Never" is no longer an option provided by Azure. 24 months is now the maximum lifespan for a client secret. You will need to repeat this step if/when the client secret expires.

Important: Click the small "Copy" icon to the right of your new client secret (the Value column, not the ID column). Paste this somewhere for use in *Step 2 : Configure your Mailer in Aspect Studio* below. You will not be able to retrieve the client secret after leaving this page (but you could make a new one any time by repeating this process).

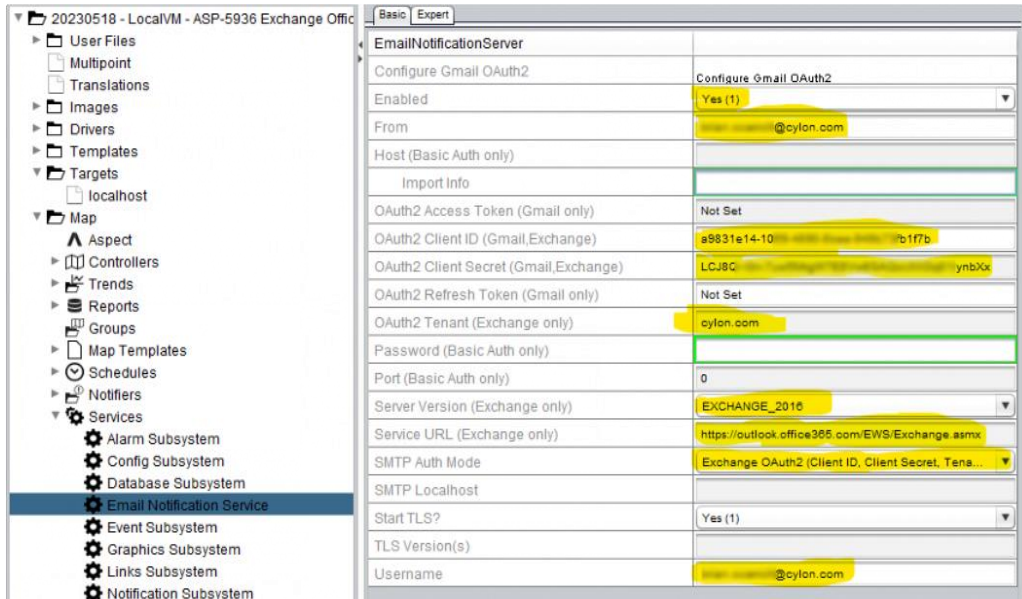
9. Select "API permissions" on the left to configure the resources that your Application is allowed to access.
10. Select "Add a permission". A menu will appear on the right.
11. Click "APIs my organization uses", then type in the full search text "Office 365 Exchange Online". Click the resulting item and Continue below.
12. Select "Application Permissions"
13. Tick "full_access_as_app"
14. Under SMTP, tick "SMTP.SendAsApp"

15. Click "Add permissions" at the bottom. You will now see your new permissions in the list (along with one or more default ones which can be ignored).
16. Click "Grant Admin Consent for..." and follow the directions to grant consent. This is a one-off "admin consent" that permanently allows your Application to send emails via the Exchange server.

Important: If this button is disabled, you will need to ask your IT/Azure administrator to either (A) grant you the Application Administrator role or (B) log in to Azure themselves and consent to the permissions for your application. For either option, follow the instructions [here](#). In option (B), if the admin cannot see your Application in App Registrations, the procedure on the linked docs for "Enterprise Applications" should show a complete list of all apps.

Step 2 : Configure your EMailer in Aspect Studio

Here is an example of how the Email Notification Service (a general event/alarm notifier under **Services**) is configured for Office365 OAuth2:



Select **Server Version** "EXCHANGE_2016" for Office365 Exchange servers.

Enter the email address from which you want to send mails as the "From" and "Username" values. The **Tenant** is generally the email address domain (the part after the @ in your email address).

GENERAL ENHANCEMENTS

- ASP-6335 Weak ciphers have been removed from ASPECT servers.
- ASP-6360 The deprecated PHPAdminer dependency containing hard coded credentials has been removed from ASPECT upgrade install bundles
- ASP-5936 An option has been added to allow ASPECT to be configured to use Microsoft Exchange / 365 as an SMTP server to send alarm notifications.

Customer Impact

It is recommended that customers update when convenient.

However, please note the following:

Note: Upgrade logs for CentOS 6 servers may display the following message - Error : You can't use locks with log tables. This error is benign and can be ignored

Note: Modifications to the default control engine port number (i.e. changes to default port 7226) will require that the user issue a manual restart of the ASPECT target after changing the port number, in order for the configuration change to take full effect.