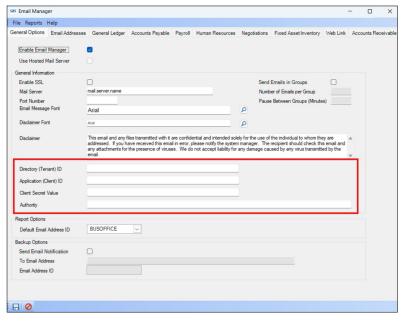
Email service based on App Registration Instructions for Office365 (aka Exchange Online)

Complete the following instructions to find the values to enter into the Directory (Tenant) ID, Application (Client) ID, Client Secret Value, and Authority fields in the Email Manager option in the School Accounting System, as shown below, for use with OAuth2 authorization. Once the values have been determined, access the Email Manager option under the Maintenance menu on the main School Accounting System screen.

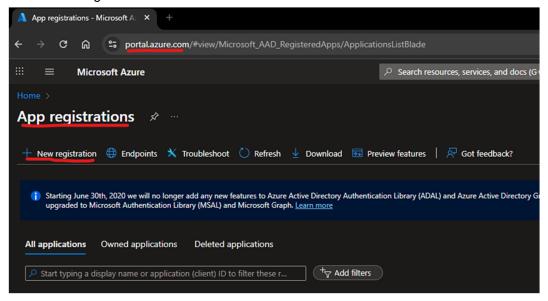


Pre-requisites(s):

- User who is Global Administrator in the Azure (aka Microsoft/Office 365) Tenant.
- Email account(s) within the Tenant that is going to be used as the "from" address for emails sent from the School Accounting System. Shared mailboxes are allowed to be used.

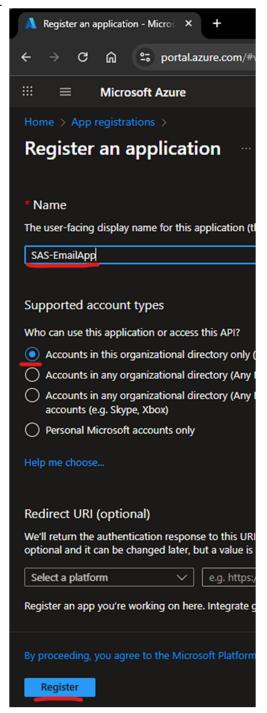
Instructions:

- 1) Go to https://portal.azure.com -> Log In with Global Admin user.
- 2) Search for "App Registrations".
- 3) Select "+ New Registration".

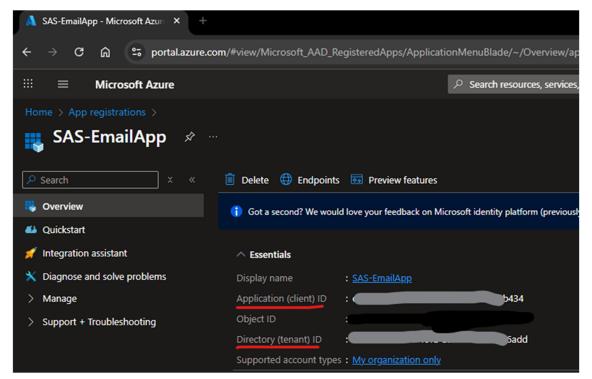


4) Create a Name for the app, leave the default selection of "Accounts in this organizational directory

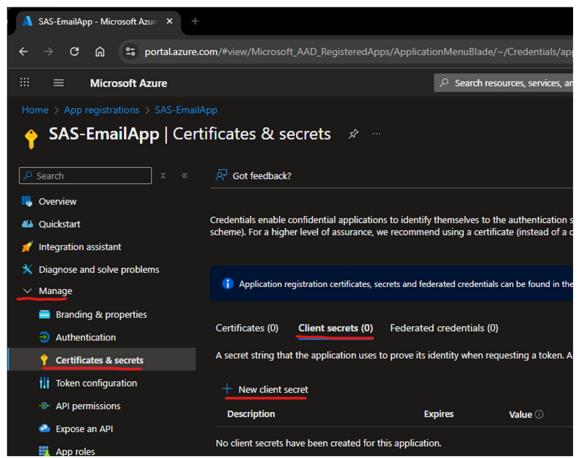
only", and select "Register".



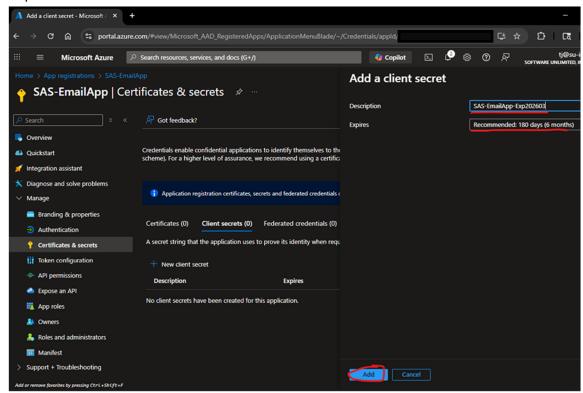
5) Save the "Application (client) ID" and "Directory (tenant) ID" for entry into the School Accounting System. This information can be viewed in Azure later if needed. It is hidden in the picture as it could be sensitive information, and should not be accessible by the public.



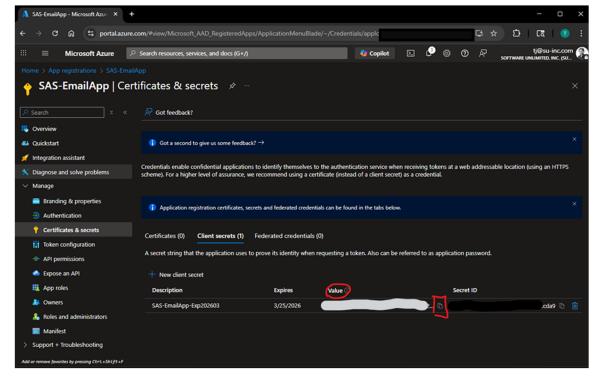
6) Expand the "Manage" menu in the left navigation bar, select "Certificates & secrets", select the "Client secrets" tab, and select "New client secret".



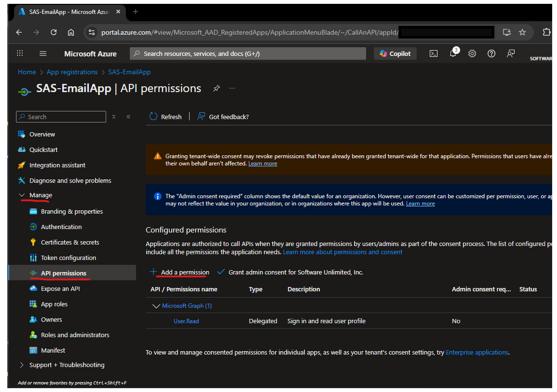
7) Create a Description for this secret, select an expiration timeline (current options range from 3 months to 24 months), and select "Add". Please note that this secret will need to be updated before expiration to continue facilitating email service. New secrets can be created anytime before expiration.



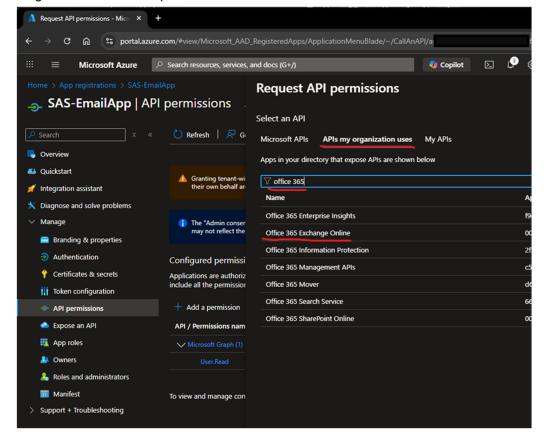
8) Copy the "Value" string from this Client Secret into the Client Secret Value field in the School Accounting System. There is a "copy" icon on the right of the secret value. This value should be protected from unauthorized access.



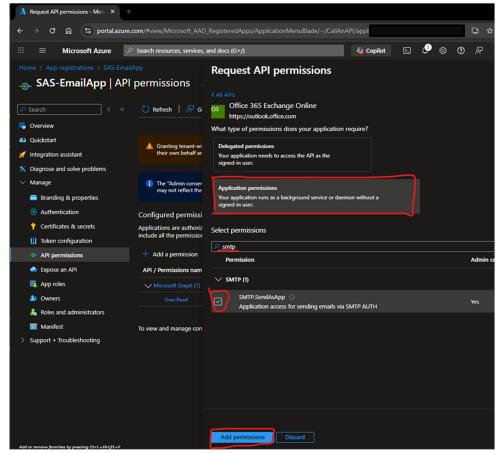
9) Now select "API Permissions" from the "Manage" menu in the left navigation bar, and then select "Add a permission".



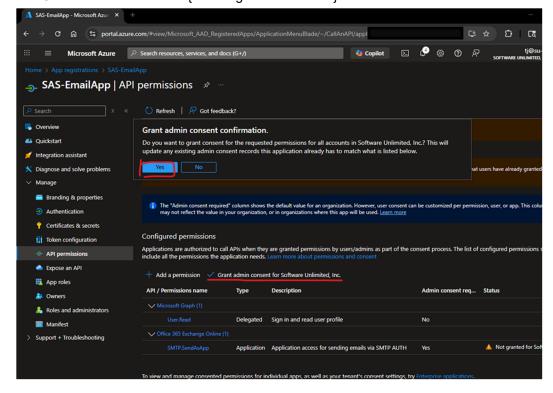
10) Select "APIs my organization uses", type "office 365" to narrow the list, and select "Office 365 Exchange Online" from the options.



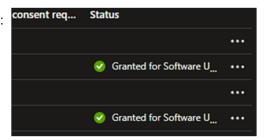
11) Select "Application permission", type "smtp" to narrow the list, select "SMTP.SendAsApp" from the menu and select "Add permission".



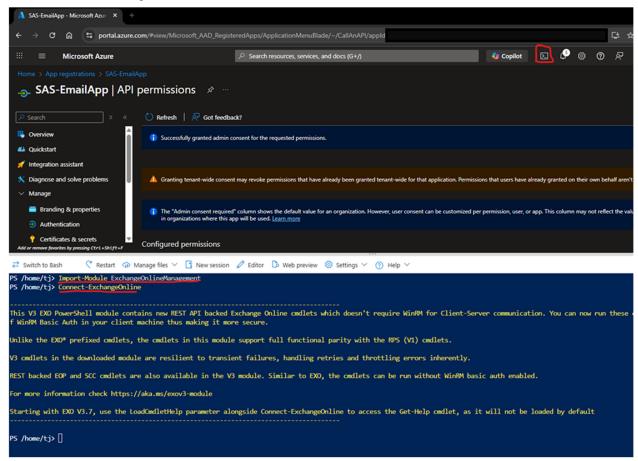
12) Select "Grant admin consent for {Your organization name}" and then select "Yes".



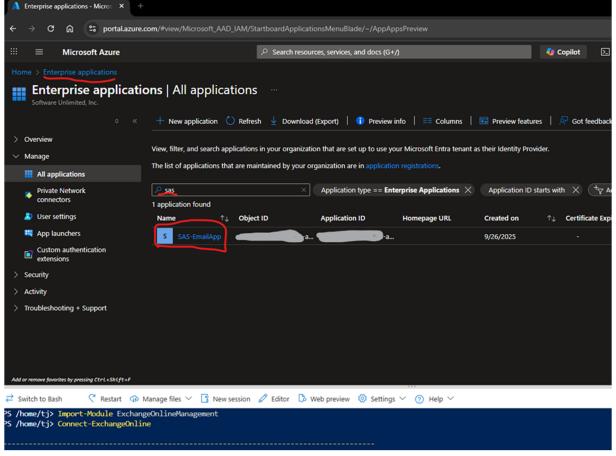
13) The Granted icons should turn green:



14) Select the "Cloud Shell" icon and enter: "Import-Module ExchangeOnlineManagement" and then "Connect-ExchangeOnline".

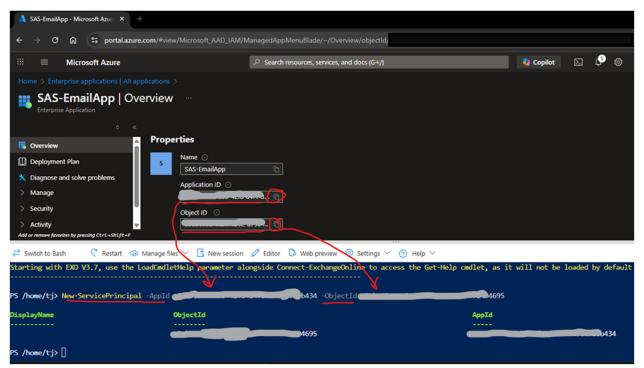


15) Without closing the Cloud Shell, in the search, type "Enterprise App..." and select "Enterprise applications", search for the app name to narrow the list, and select the App created above.



16) Type "New-ServicePrincipal -AppID " and then copy the Application ID and right click "paste as plain text", and then type "-ObjectId " and copy and "paste as plain text" and then press enter. The command should resemble this:

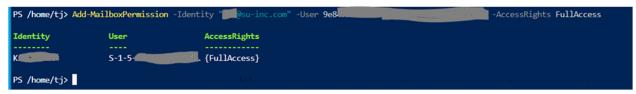
>New-ServicePrincipal -Appld <APPLICATION_ID> -ObjectId <ENTERPRISE_APP_OBJECT_ID>



17) Type "Get-ServicePrincipal | fl" and find the "ExchangeObjectId" of the service principal just created.

WhenCreated : 9/26/202
WhenChangedUTC : 9/26/202
WhenCreatedUTC : 9/26/202
ExchangeObjectId : 9e847374

18) To allow permission, use this ID and the mailbox you want to 'Send As'. (Please be advised that emails sent "from" this application will appear to be "from" the account(s) enabled in these steps. It may be advisable to create a dedicated email address just for this application. Shared mailboxes are also allowed to be used.) You may enable multiple email addresses/shared mailboxes (e.g. payroll@, ap@, etc.).



19) Ensure SMTP Auth is allowed for the mailbox by entering: Set-CASMailbox -Identity sender@yourdomain.com -SmtpClientAuthenticationDisabled \$false



- 20) For the Authority Section, enter this string replacing <Tenant_ID> with your Directory (tenant) ID above:
 - https://login.microsoftonline.com/<TENANT ID>/v2.0 (remember to remove the "<" and ">")
- 21) Ensure email addresses in the School Accounting System are enabled in this process, and add the IDs created above to the appropriate fields on the General Options tab in Email Manager, and test sending from email addresses added in here and also confirm that addresses not added in steps 18 and 19 result in an error message.
- 22) **Tip:** Set a reminder for the expiration of the Client Secret a little while before it expires you can create an additional secret with a new expiration and replace the existing one without any disruption of service.