Configuración de Webex Connect Email App con Office365 Oauth

Contenido

Introducción
Prerequisites
Requirements
Componentes Utilizados
Configurar
Paso 1: Iniciar la configuración de la aplicación de correo electrónico en Webex Connect
Paso 2: Crear una aplicación en Microsoft Azure
Paso 3: Configurar el usuario del buzón en Office365
Paso 4: Configuración de la aplicación de correo electrónico en Webex Connect
Verificación
Resolución de problemas

Introducción

Este documento describe los pasos para configurar una aplicación de correo electrónico para Office365 con autorización abierta (OAuth 2.0).

Colaboración de Andrius Suchanka y Bhushan Suresh, ingeniero del TAC de Cisco.

Prerequisites

Requirements

Cisco recomienda que tenga conocimiento sobre estos temas:

- Centro de contacto Webex (WxCC) 2.0
- Webex conectportal con flujos de correo electrónico configurados
- acceso a MS Azure
- Acceso a MS Office365

Componentes Utilizados

La información que contiene este documento se basa en estas versiones de software:

- WxCC 2.0
- Cisco Webex Connect
- Microsoft Azure
- Microsoft Office 365

La información que contiene este documento se creó a partir de los dispositivos en un ambiente de laboratorio específico. Todos los dispositivos que se utilizan en este documento se pusieron en funcionamiento con una configuración verificada (predeterminada). Si tiene una red en vivo, asegúrese de entender el posible impacto de cualquier comando.

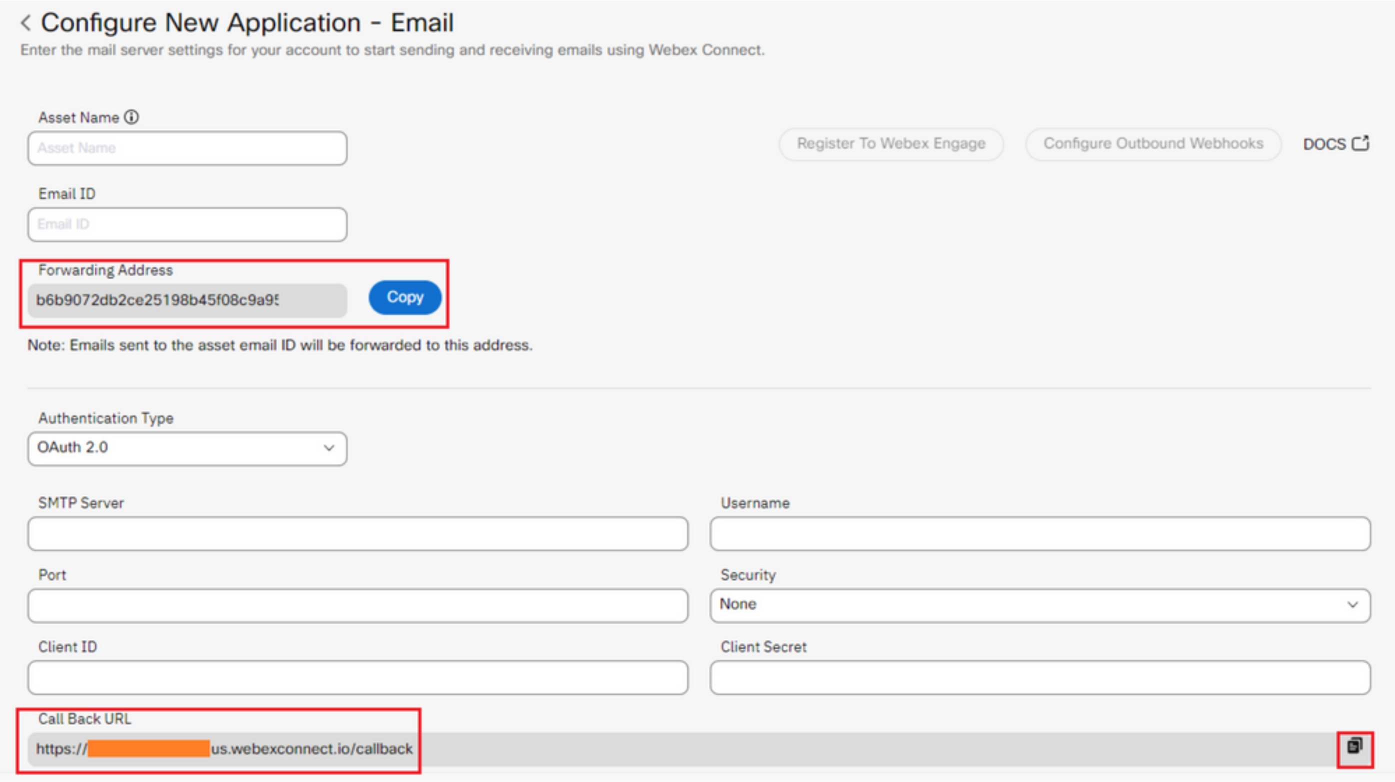
Configurar

Paso 1: Iniciar configuración de aplicación de correo electrónico en Webex Connect

Inicie la configuración de la aplicación Correo electrónico en la plataforma Webex Connect.

-Inicie sesión en su arrendatario de Webex Connect;

-Vaya a 'Activos->Aplicaciones', haga clic en 'Configurar nueva aplicación' y seleccione 'Correo electrónico'. Seleccione "OAuth 2.0" para el tipo de autenticación, copie y almacene "Dirección de reenvío" y "URL de devolución de llamada" para los pasos de configuración posteriores:



Configure New Application - Email

Enter the mail server settings for your account to start sending and receiving emails using Webex Connect.

Asset Name

Email ID

Forwarding Address: b6b9072db2ce25198b45f08c9a9

Note: Emails sent to the asset email ID will be forwarded to this address.

Authentication Type: OAuth 2.0

SMTP Server

Username

Port

Security: None

Client ID

Client Secret

Call Back URL: https://[redacted]us.webexconnect.io/callback

Continúe con la configuración en el lado de Microsoft.

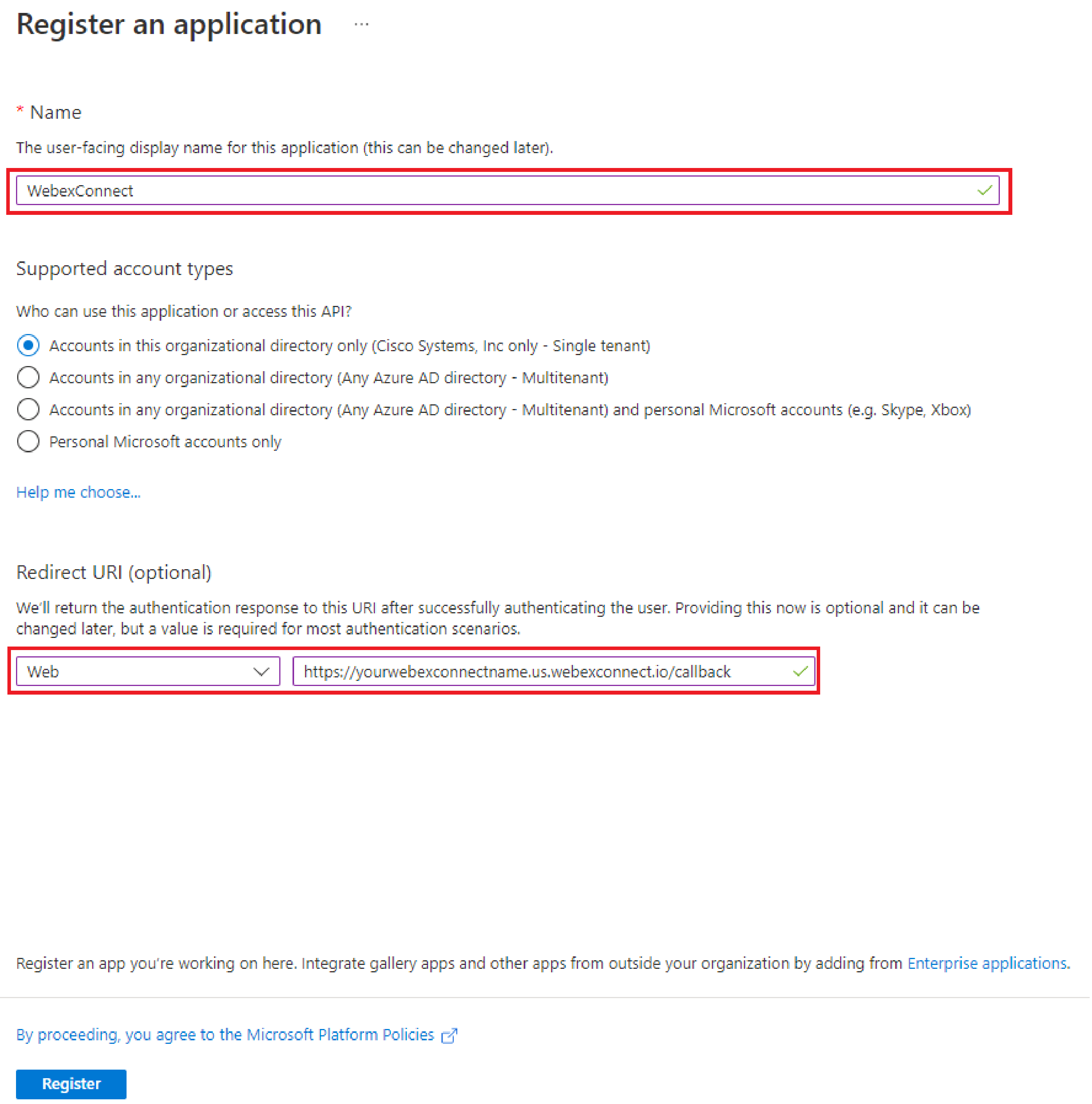
Paso 2: Crear una aplicación en Microsoft Azure

Registre una aplicación en el portal de Azure según el documento '[Registrar una aplicación con la plataforma de identidad de Microsoft](#)'.

-Inicie sesión en https://portal.azure.com;

-Navegue a 'Azure Active Directory', seleccione 'Registros de aplicaciones' y haga clic en 'Nuevo registro';

-Proporcione el nombre de la aplicación, seleccione el tipo de cuenta adecuado, introduzca el URI de redirección web con el nombre del arrendatario (es decir, https://yourwebexconnectname.us.webexconnect.io/callback as, que se muestra en el paso 1) y registre la aplicación:



Register an application ···

* Name

The user-facing display name for this application (this can be changed later).

WebexConnect ✓

Supported account types

Who can use this application or access this API?

- ● Accounts in this organizational directory only (Cisco Systems, Inc only - Single tenant)
- ○ Accounts in any organizational directory (Any Azure AD directory - Multitenant)
- ○ Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)
- ○ Personal Microsoft accounts only

Help me choose...

Redirect URI (optional)

We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

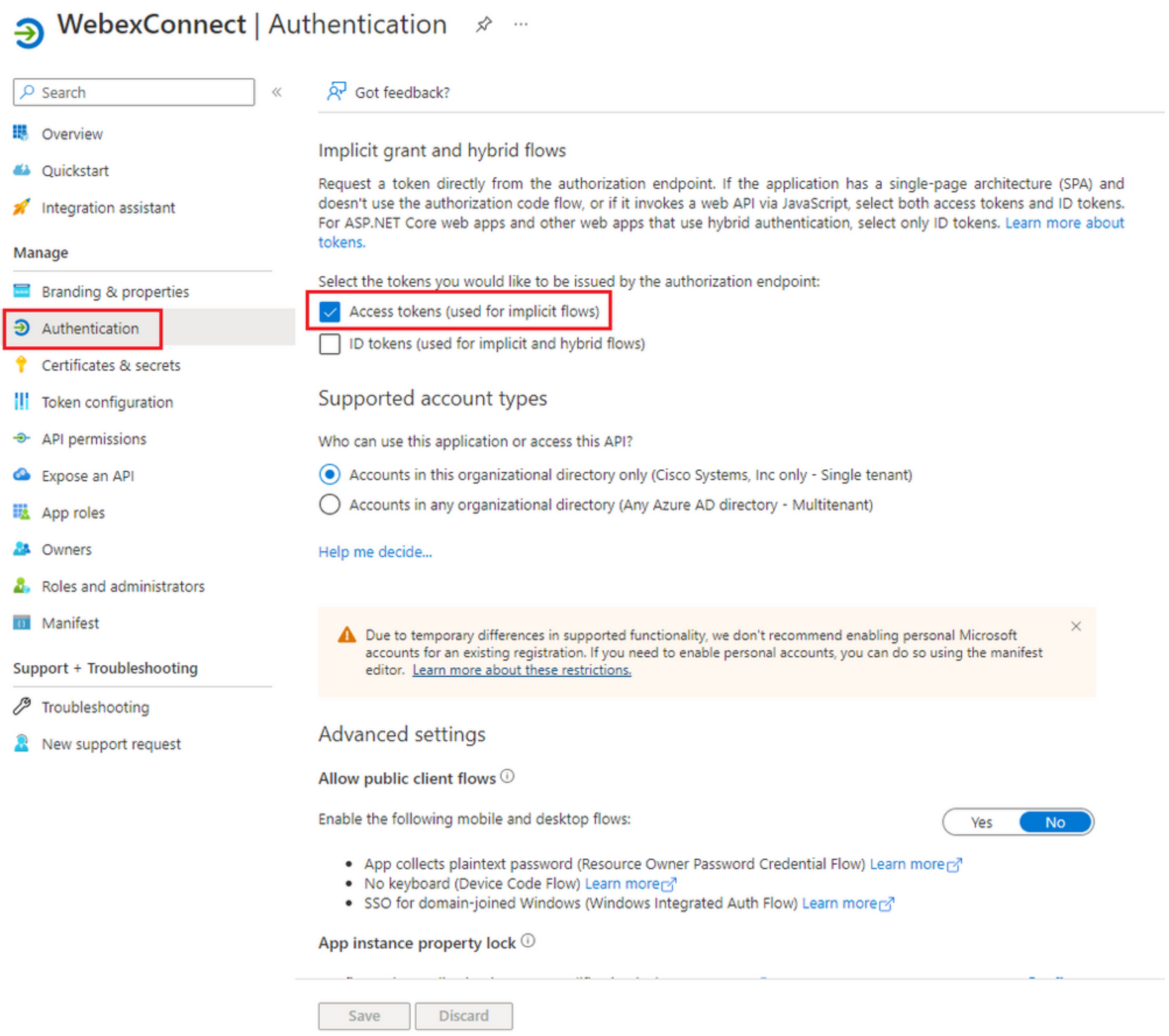
Web | https://yourwebexconnectname.us.webexconnect.io/callback ✓

Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from Enterprise applications.

By proceeding, you agree to the Microsoft Platform Policies

Register

-Después de registrar la aplicación: navegue hasta 'Autenticación', desplácese hasta 'Implicit grand and hybrid flows', seleccione la opción 'Acceder a tokens' y guarde:


WebexConnect | Authentication
Search
Overview
Quickstart
Integration assistant
Manage
Branding & properties
Authentication
Certificates & secrets
Token configuration
API permissions
Expose an API
App roles
Owners
Roles and administrators
Manifest
Support + Troubleshooting
Troubleshooting
New support request
Got feedback?
Save
Discard

Implicit grant and hybrid flows

Request a token directly from the authorization endpoint. If the application has a single-page architecture (SPA) and doesn't use the authorization code flow, or if it invokes a web API via JavaScript, select both access tokens and ID tokens. For ASP.NET Core web apps and other web apps that use hybrid authentication, select only ID tokens. Learn more about tokens.

Select the tokens you would like to be issued by the authorization endpoint:

☑ Access tokens (used for implicit flows)

☐ ID tokens (used for implicit and hybrid flows)

Supported account types

Who can use this application or access this API?

● Accounts in this organizational directory only (Cisco Systems, Inc only - Single tenant)

○ Accounts in any organizational directory (Any Azure AD directory - Multitenant)

Help me decide...

Due to temporary differences in supported functionality, we don't recommend enabling personal Microsoft accounts for an existing registration. If you need to enable personal accounts, you can do so using the manifest editor. Learn more about these restrictions.

Advanced settings

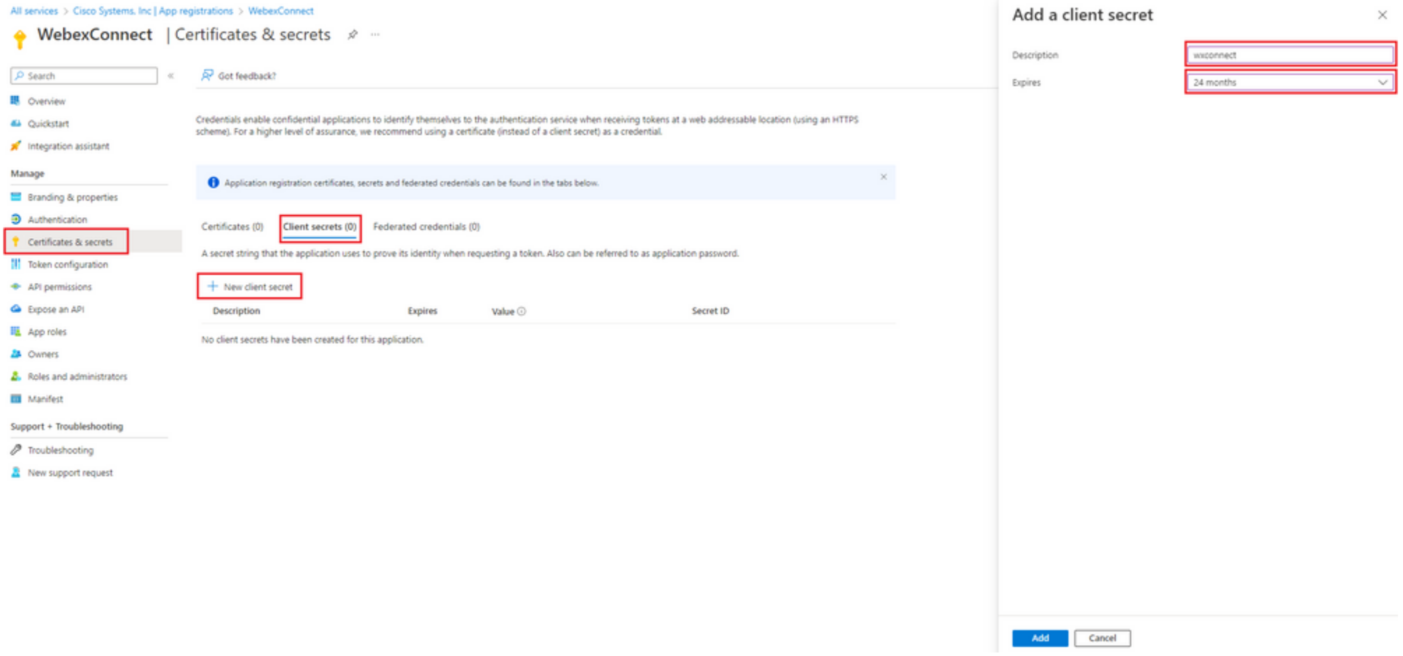
Allow public client flows

Enable the following mobile and desktop flows: Yes [✓ No]

- App collects plaintext password (Resource Owner Password Credential Flow) Learn more
- No keyboard (Device Code Flow) Learn more
- SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more

App instance property lock

-Navegue hasta 'Certificados y secretos', seleccione 'Secretos de cliente', haga clic en 'Nuevo secreto de cliente', agregue una descripción y una duración de validez:


All services > Cisco Systems, Inc | App registrations > WebexConnect
WebexConnect | Certificates & secrets
Search
Overview
Quickstart
Integration assistant
Manage
Branding & properties
Authentication
Certificates & secrets
Token configuration
API permissions
Expose an API
App roles
Owners
Roles and administrators
Manifest
Support + Troubleshooting
Troubleshooting
New support request
Got feedback?
Certificates (0)
Client secrets (0)
Federated credentials (0)
New client secret
Add a client secret
Add
Cancel

Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.

Application registration certificates, secrets and federated credentials can be found in the tabs below.

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

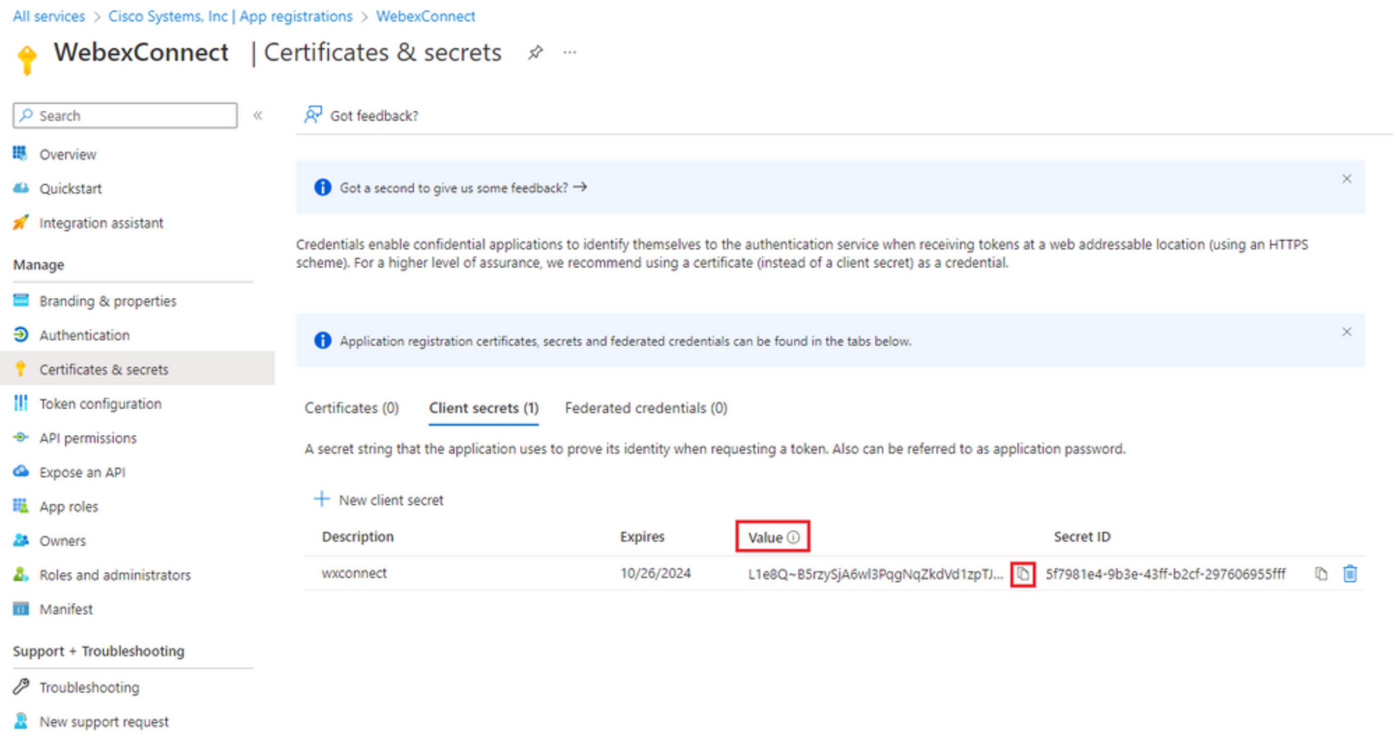
Description	Expires	Value	Secret ID

No client secrets have been created for this application.

Description: wxconnect

Expires: 24 months

-Copiar valor secreto de cliente y almacenarlo para su uso posterior:



All services > Cisco Systems, Inc | App registrations > WebexConnect

WebexConnect | Certificates & secrets

Got a second to give us some feedback? →

Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.

Application registration certificates, secrets and federated credentials can be found in the tabs below.

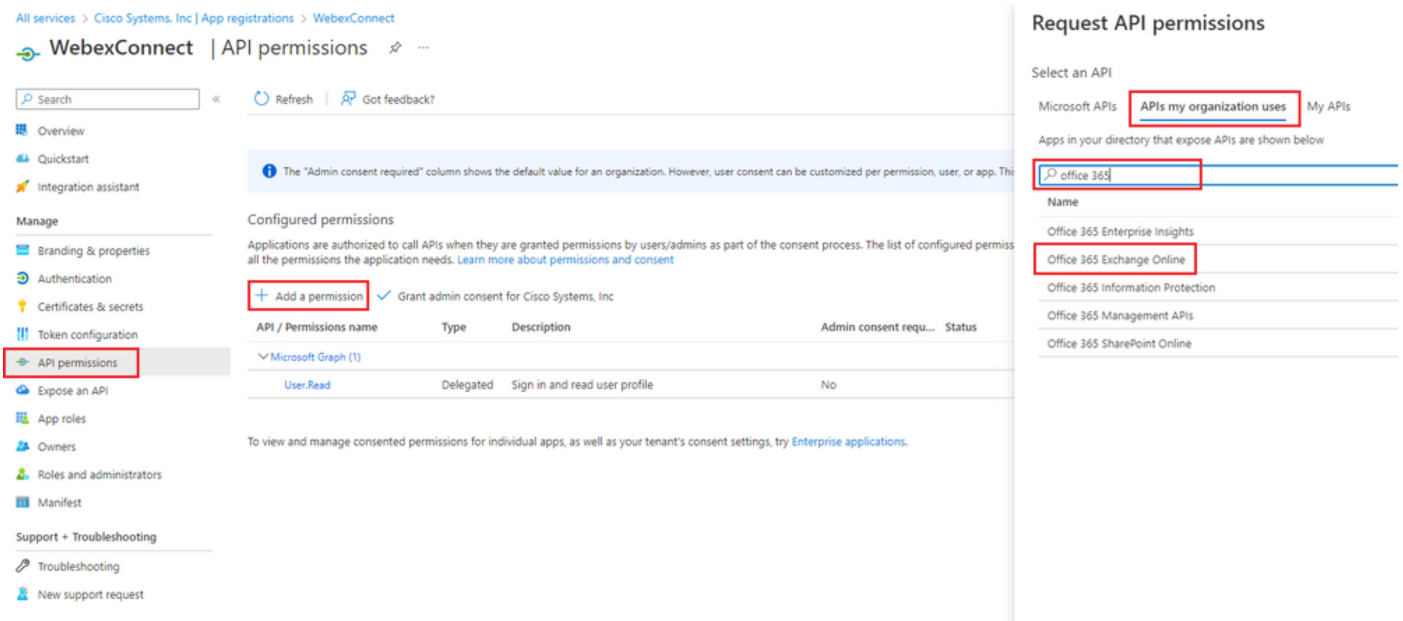
Certificates (0) | **Client secrets (1)** | Federated credentials (0)

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

Description	Expires	Value	Secret ID
wxconnect	10/26/2024	L1e8Q~B5rzySjA6wl3PqgNqZkdVd1zpTJ...	5f7981e4-9b3e-43ff-b2cf-297606955fff

Search
Overview
Quickstart
Integration assistant
Manage
Branding & properties
Authentication
Certificates & secrets
Token configuration
API permissions
Expose an API
App roles
Owners
Roles and administrators
Manifest
Support + Troubleshooting
Troubleshooting
New support request
Got feedback?
New client secret

-Vaya a 'Permisos API', haga clic en 'Agregar un permiso', seleccione 'API que utiliza mi organización', en el campo de búsqueda introduzca 'office 365' y seleccione 'Office 365 Exchange Online'. Seleccione 'Permisos de aplicación', expanda la sección 'Correo', marque 'Correo.Enviar' y haga clic en 'Agregar permiso':



All services > Cisco Systems, Inc | App registrations > WebexConnect

WebexConnect | API permissions

The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. Thi

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permiss all the permissions the application needs. Learn more about permissions and consent

API / Permissions name	Type	Description	Admin consent requ...	Status
Microsoft Graph (1)				
User.Read	Delegated	Sign in and read user profile	No	

To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try Enterprise applications.

Request API permissions

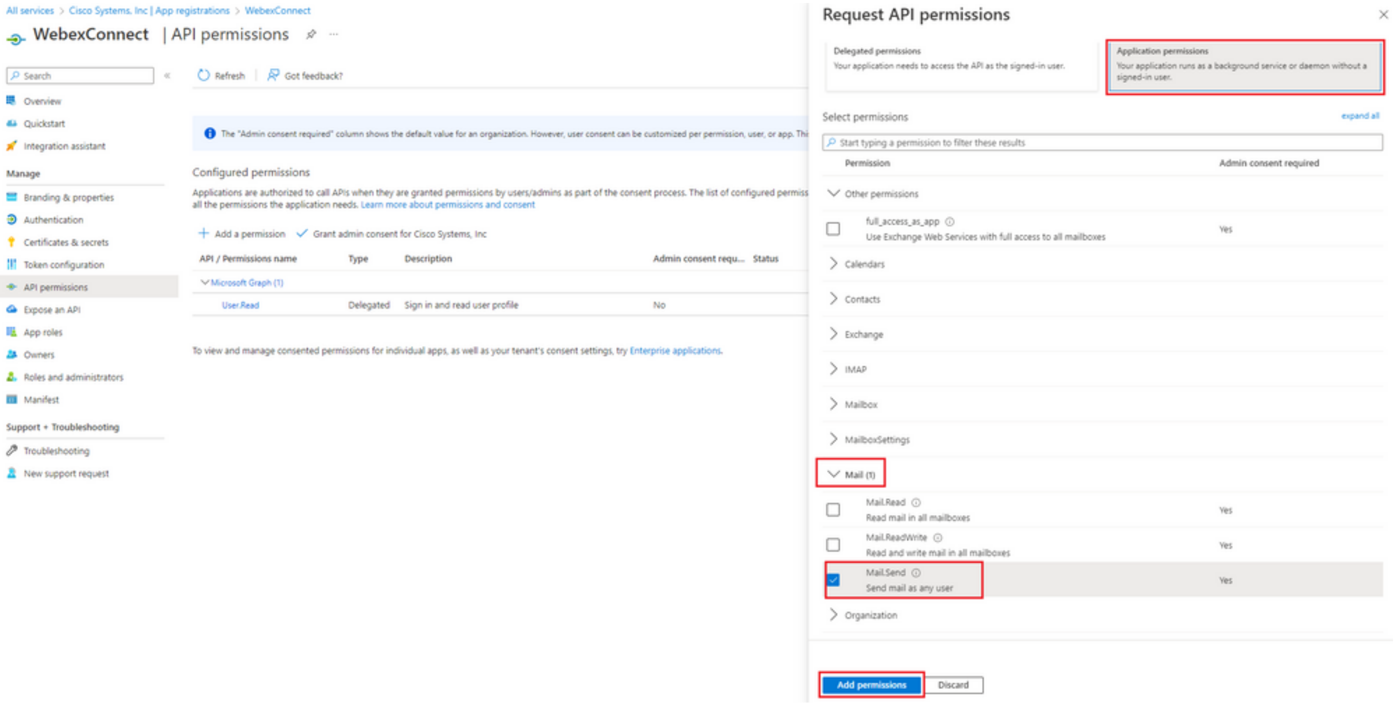
Select an API

Apps in your directory that expose APIs are shown below

office 365

Name
Office 365 Enterprise Insights
Office 365 Exchange Online
Office 365 Information Protection
Office 365 Management APIs
Office 365 SharePoint Online

Search
Overview
Quickstart
Integration assistant
Manage
Branding & properties
Authentication
Certificates & secrets
Token configuration
API permissions
Expose an API
App roles
Owners
Roles and administrators
Manifest
Support + Troubleshooting
Troubleshooting
New support request
Refresh
Got feedback?
Add a permission
Grant admin consent for Cisco Systems, Inc
Microsoft APIs
APIs my organization uses
My APIs


All services > Cisco Systems, Inc | App registrations > WebexConnect
WebexConnect | API permissions
Search
Refresh
Got feedback?
Overview
Quickstart
Integration assistant
Manage
Branding & properties
Authentication
Certificates & secrets
Token configuration
API permissions
Expose an API
App roles
Owners
Roles and administrators
Manifest
Support + Troubleshooting
Troubleshooting
New support request
+ Add a permission
✓ Grant admin consent for Cisco Systems, Inc
Request API permissions
Select permissions
expand all
Start typing a permission to filter these results
Add permissions
Discard

The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. Thi

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permiss all the permissions the application needs. Learn more about permissions and consent

API / Permissions name	Type	Description	Admin consent requ...	Status
∨ Microsoft Graph (1)				
User.Read	Delegated	Sign in and read user profile	No	

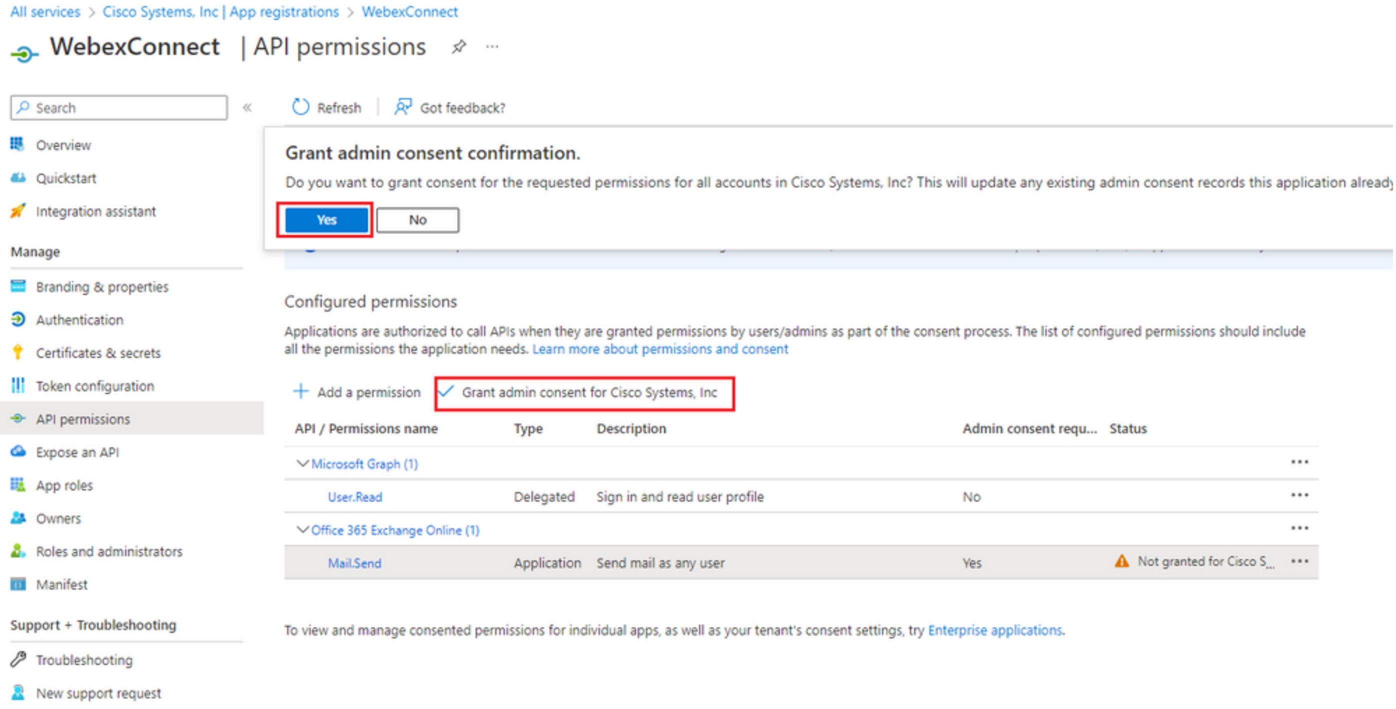
To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try Enterprise applications.

Delegated permissions
Your application needs to access the API as the signed-in user.

Application permissions
Your application runs as a background service or daemon without a signed-in user.

	Permission	Admin consent required
	∨ Other permissions	
☐	full_access_as_app Use Exchange Web Services with full access to all mailboxes	Yes
	> Calendars	
	> Contacts	
	> Exchange	
	> IMAP	
	> Mailbox	
	> MailboxSettings	
	∨ Mail (1)	
☐	Mail.Read Read mail in all mailboxes	Yes
☐	Mail.ReadWrite Read and write mail in all mailboxes	Yes
☑	Mail.Send Send mail as any user	Yes
	> Organization	

-Después de agregar dicho permiso, se debe conceder el consentimiento del administrador. Haga clic en "Conceder consentimiento de administrador":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WebexConnect | API permissions
Search
Refresh
Got feedback?
Overview
Quickstart
Integration assistant
Manage
Branding & properties
Authentication
Certificates & secrets
Token configuration
API permissions
Expose an API
App roles
Owners
Roles and administrators
Manifest
Support + Troubleshooting
Troubleshooting
New support request
Yes
No
+ Add a permission
✓ Grant admin consent for Cisco Systems, Inc

Grant admin consent confirmation.

Do you want to grant consent for the requested permissions for all accounts in Cisco Systems, Inc? This will update any existing admin consent records this application already

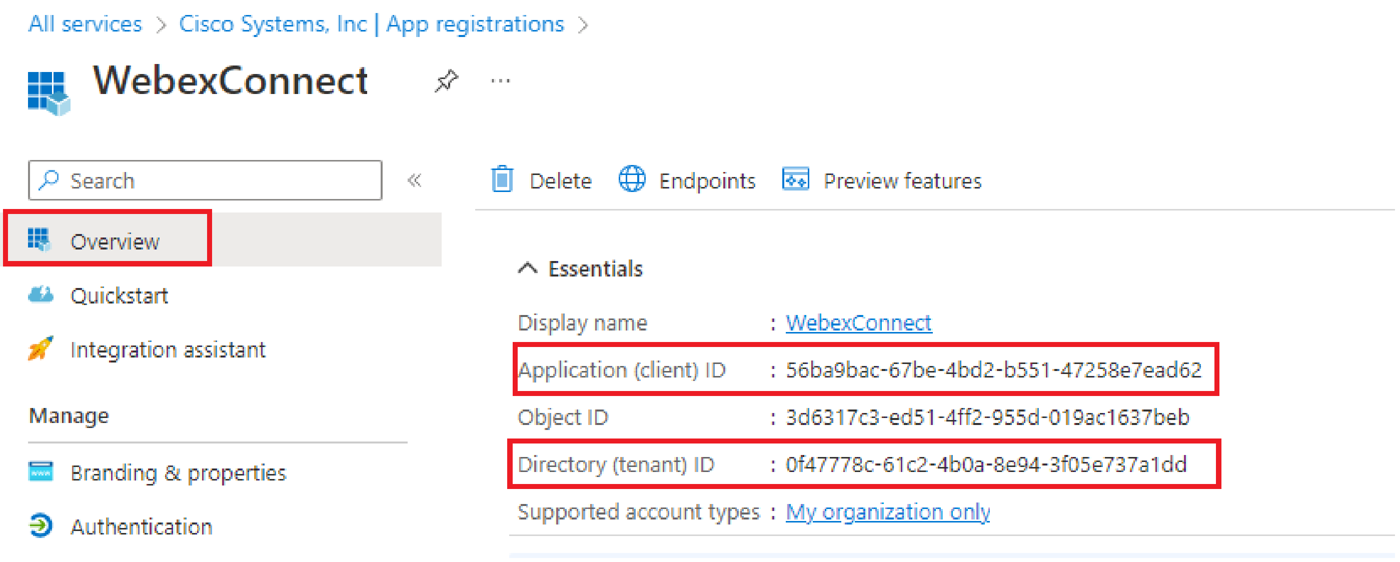
Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. Learn more about permissions and consent

API / Permissions name	Type	Description	Admin consent requ...	Status	
∨ Microsoft Graph (1)					•••
User.Read	Delegated	Sign in and read user profile	No		•••
∨ Office 365 Exchange Online (1)					•••
Mail.Send	Application	Send mail as any user	Yes	⚠ Not granted for Cisco S...	•••

To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try Enterprise applications.

-Navegue hasta "Descripción general" y anote "ID de aplicación (cliente)" e "ID de directorio (arrendatario)" para utilizar la configuración adicional:


All services > Cisco Systems, Inc | App registrations >
WebexConnect
Search
Overview
Quickstart
Integration assistant
Manage
Branding & properties
Authentication
Delete
Endpoints
Preview features
Essentials

Display name : WebexConnect

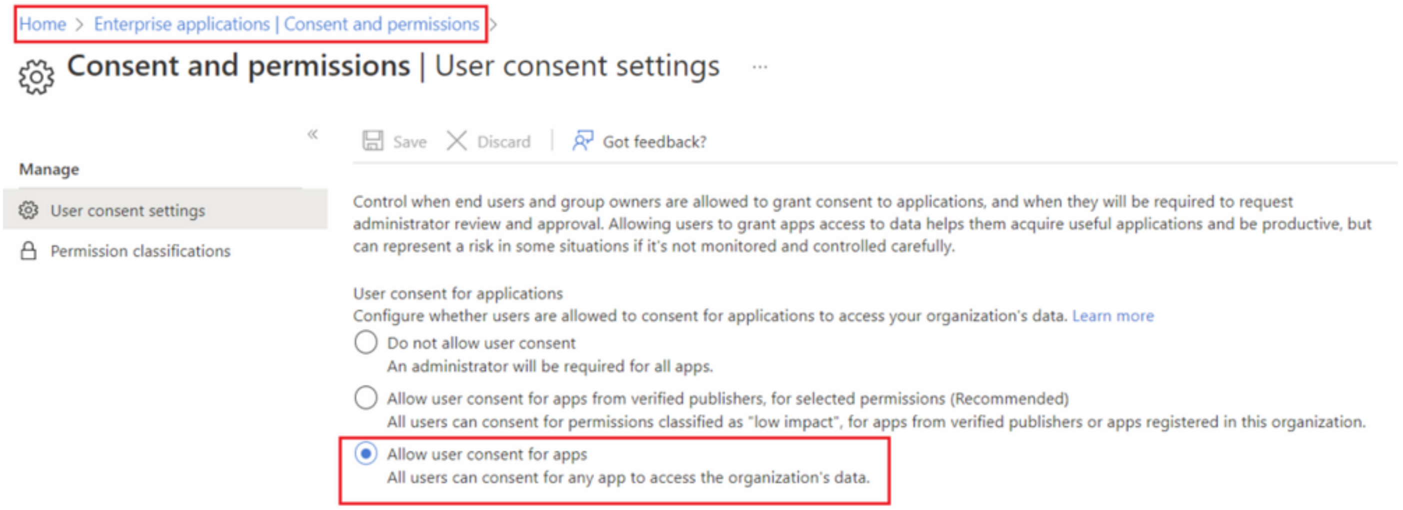
Application (client) ID : 56ba9bac-67be-4bd2-b551-47258e7ead62

Object ID : 3d6317c3-ed51-4ff2-955d-019ac1637beb

Directory (tenant) ID : 0f47778c-61c2-4b0a-8e94-3f05e737a1dd

Supported account types : My organization only

Nota: asegúrese de que el consentimiento del usuario para las aplicaciones esté permitido en Azure en 'Consentimiento y permisos' para 'Aplicaciones empresariales' (esta es una configuración predeterminada):


Home > Enterprise applications | Consent and permissions >
Consent and permissions | User consent settings
Save
Discard
Got feedback?
Manage
User consent settings
Permission classifications

Control when end users and group owners are allowed to grant consent to applications, and when they will be required to request administrator review and approval. Allowing users to grant apps access to data helps them acquire useful applications and be productive, but can represent a risk in some situations if it's not monitored and controlled carefully.

User consent for applications

Configure whether users are allowed to consent for applications to access your organization's data. Learn more

○ Do not allow user consent
An administrator will be required for all apps.

○ Allow user consent for apps from verified publishers, for selected permissions (Recommended)
All users can consent for permissions classified as "low impact", for apps from verified publishers or apps registered in this organization.

● Allow user consent for apps
All users can consent for any app to access the organization's data.

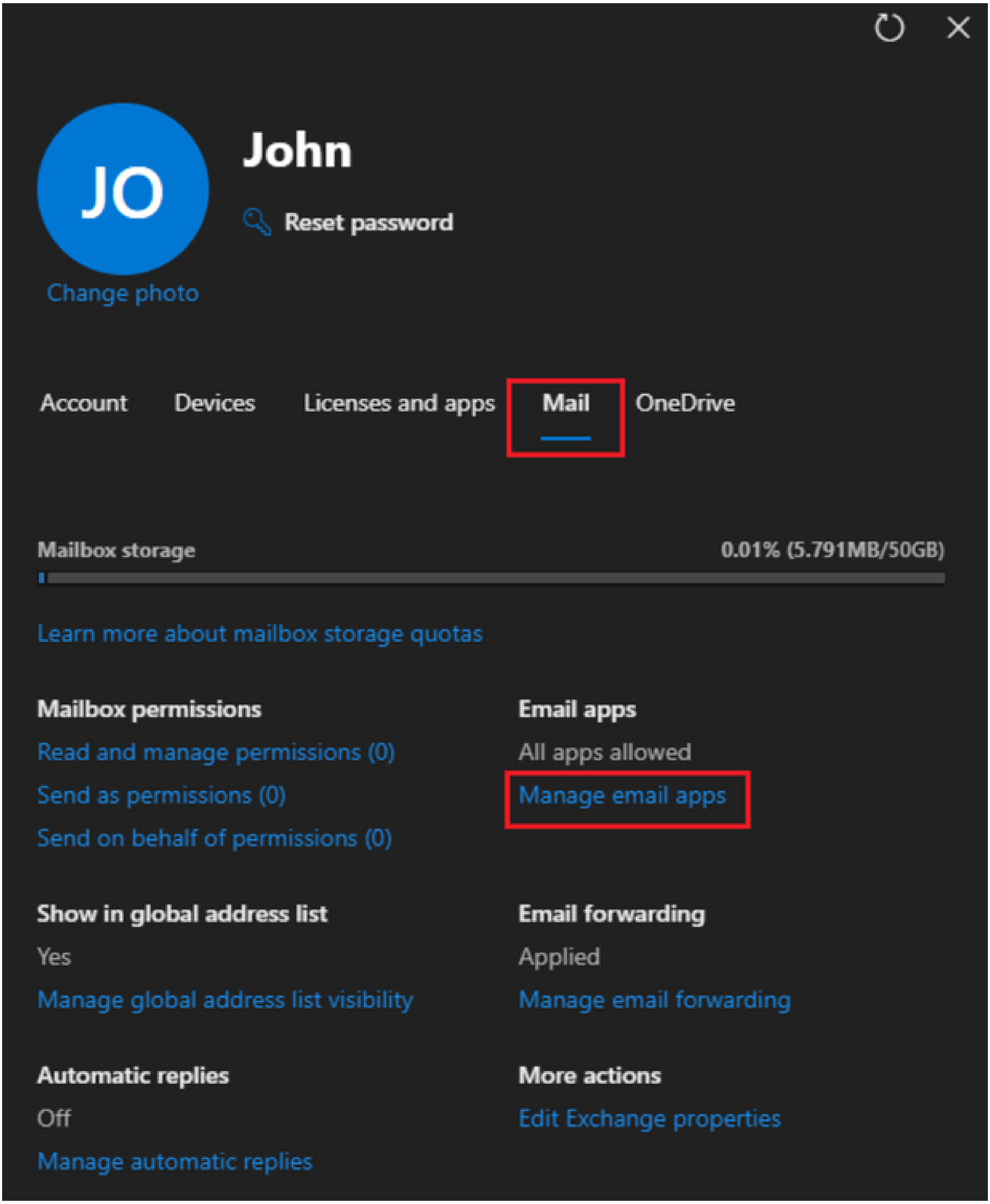
Paso 3: Configurar el usuario del buzón en Office365

-Inicie sesión en [https://admin.microsoft.com;](https://admin.microsoft.com)

-Vaya a Usuarios->Usuarios activos;

-Seleccione un usuario con un buzón para la integración con Webex Connect;

-Después de seleccionar un usuario específico, navegue hasta 'Correo', en 'Aplicaciones de correo electrónico' haga clic en 'Administrar aplicaciones de correo electrónico', asegúrese de que 'SMTP autenticado' está seleccionado y haga clic en 'Guardar cambios':



JO
Change photo
Reset password
Account
Devices
Licenses and apps
Mail
OneDrive

John

Mailbox storage 0.01% (5.791MB/50GB)

Learn more about mailbox storage quotas

Mailbox permissions

Read and manage permissions (0)

Send as permissions (0)

Send on behalf of permissions (0)

Email apps

All apps allowed

Manage email apps

Show in global address list

Yes

Manage global address list visibility

Email forwarding

Applied

Manage email forwarding

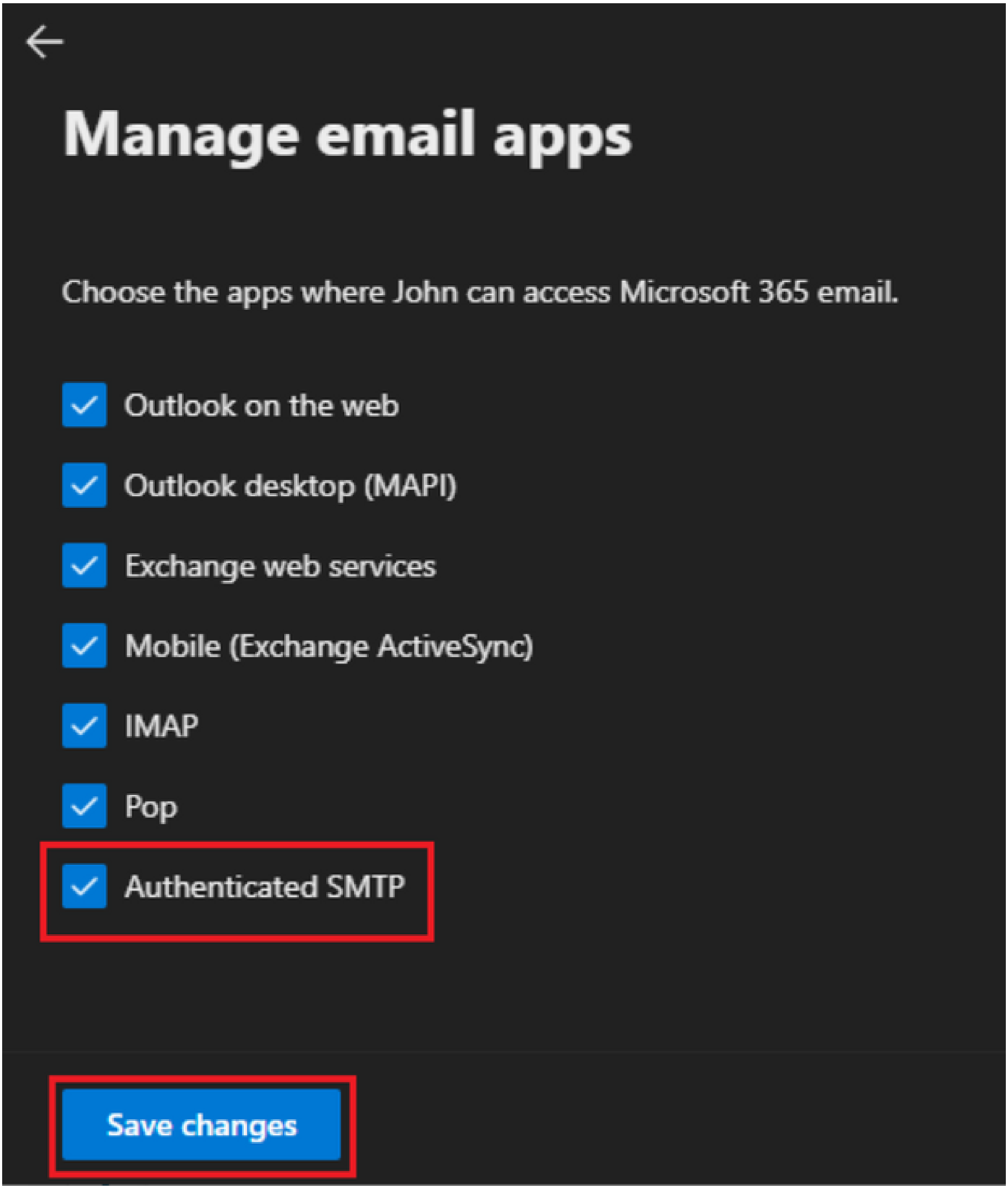
Automatic replies

Off

Manage automatic replies

More actions

Edit Exchange properties

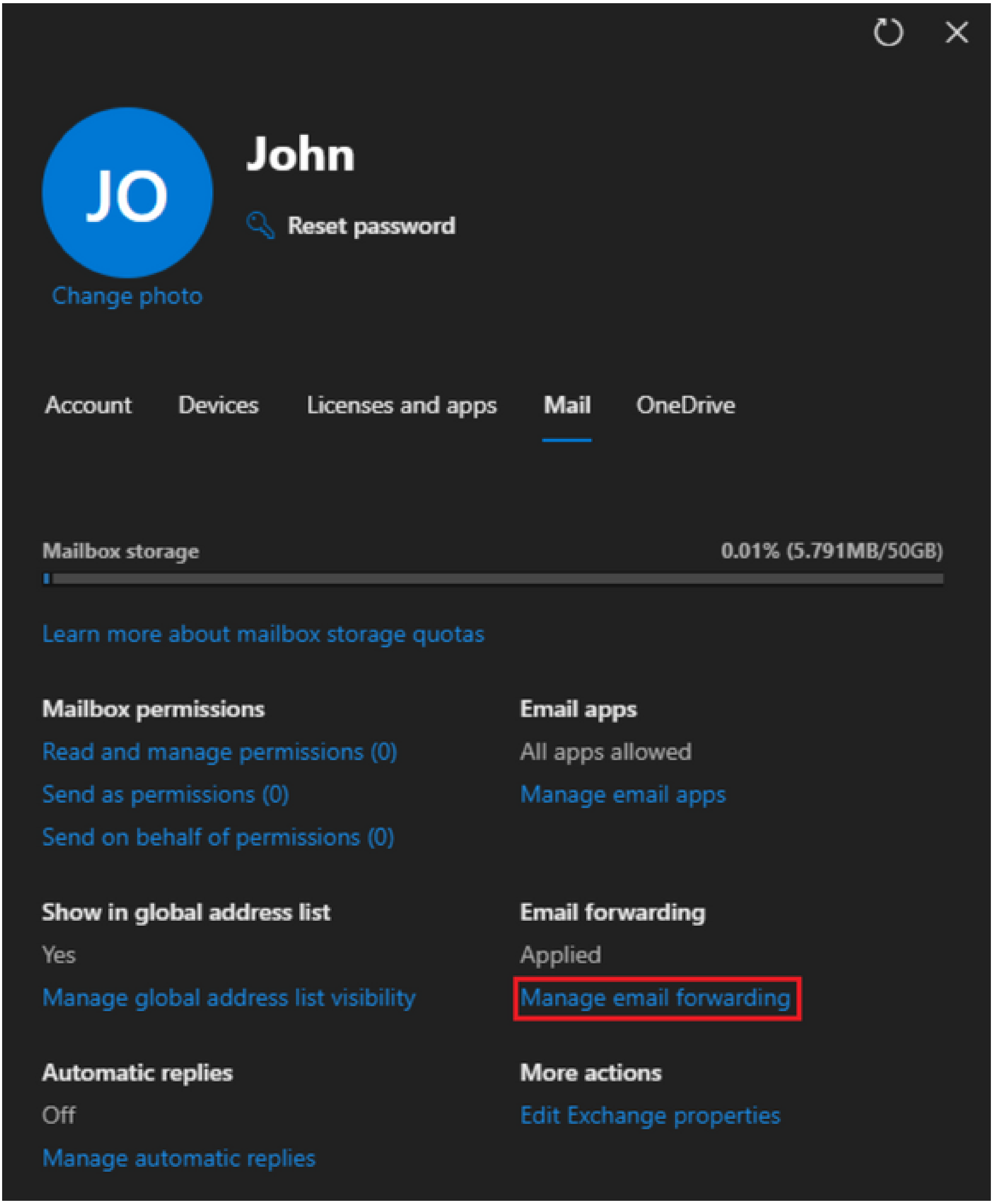


Manage email apps

Choose the apps where John can access Microsoft 365 email.

☑ Outlook on the web
☑ Outlook desktop (MAPI)
☑ Exchange web services
☑ Mobile (Exchange ActiveSync)
☑ IMAP
☑ Pop
☑ Authenticated SMTP

-En "Reenvío de correo electrónico", haga clic en "Administrar el reenvío de correo electrónico", seleccione "Reenviar todos los correos electrónicos enviados a este buzón", rellene "Reenvío de dirección de correo electrónico" con un alias de la configuración de la aplicación Webex Connect, como se muestra en el paso 1 (además, si es necesario, seleccione "Guardar una copia del correo electrónico reenviado en este buzón") y haga clic en "Guardar cambios":



John

Reset password

Change photo

Account Devices Licenses and apps **Mail** OneDrive

Mailbox storage 0.01% (5.791MB/50GB)

Learn more about mailbox storage quotas

Mailbox permissions

Read and manage permissions (0)

Send as permissions (0)

Send on behalf of permissions (0)

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More actions

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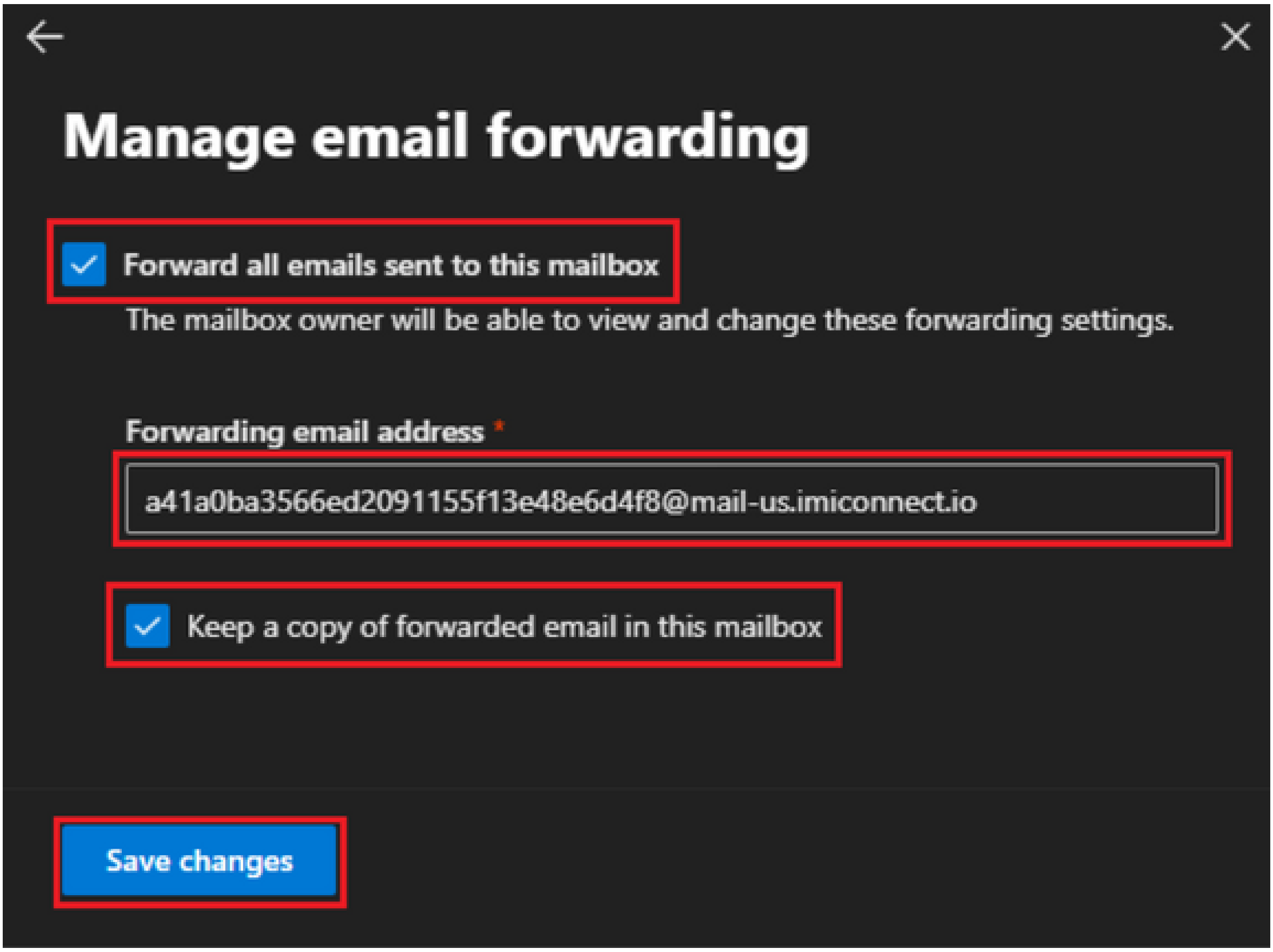

Manage email forwarding

☑ Forward all emails sent to this mailbox

The mailbox owner will be able to view and change these forwarding settings.

Forwarding email address *

a41a0ba3566ed2091155f13e48e6d4f8@mail-us.imiconnect.io

☑ Keep a copy of forwarded email in this mailbox

-Asegúrese de que se permite el reenvío de correo electrónico saliente a direcciones de correo electrónico externas en el portal de Microsoft 365 Defender.

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