

0365 OAuth Configuration

Applies to

RightFax 20.2

Summary

In RightFax, the RightFax EWS Connector provides the option for OAuth authentication with Office 365 Exchange Online. This article will provide the steps for Office 365 configuration of the three supported types of OAuth methods available: Interactive, Certificate, and Client Secret.

Resolution

What is Exchange Online OAuth?

With OAuth authentication, user credentials and passwords are not passed from one computer to another. Instead, authentication and authorization is based on the exchange of security tokens, which grants access to a specific set of resources for a specific amount of time.

Why use Exchange Online OAuth?

As of October 13th, 2020 Microsoft will stop supporting and fully decommission the Basic Authentication for EWS to access Exchange Online. This means that new or existing application will not be able to use Basic Authentication when connecting to Exchange Online using EWS with Office 365.

What type of Exchange Online OAuth does RightFax support?

RightFax supports the following methods of OAuth for Exchange Online.

- Interactive
- Certificate
- Client Secret

RightFax EWS Configuration for Exchange Online (Interactive)

The RightFax EWS Configuration for Office 365 (Interactive) is broken down into the following sections.

1. Adding a new **App Registration** to Azure Active Directory.
2. Configure **App Registration permissions**.
3. Configuring the **RightFax Email Gateway** module on the RightFax server.
4. Configuring the RightFax EWS Connector on the RightFax Server.

RightFax EWS Configuration for Exchange Online (Certificate)

The RightFax EWS Configuration for Office 365 (Certificate) is broken down into the following sections.

1. Create a certificate and export both a **.pfx** and **.cer** files.
2. Adding an **App Registration** to **AzureAD**.
3. Configure the **App Registration Permissions**.
4. Configuring the **RightFax Email Gateway** module on the RightFax server.
5. Configuring the **RightFax EWS Connector** on the RightFax Server.

RightFax EWS Configuration for Exchange Online (Client Secret)

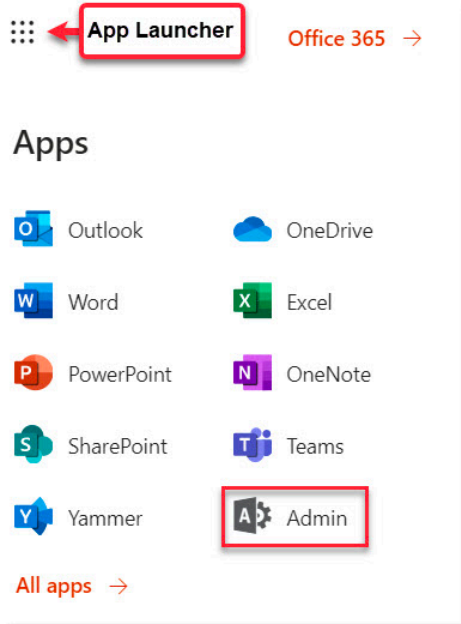
The RightFax EWS Configuration for Office 365 (Client Secret) is broken down in the following sections.

1. Adding an **App Registration** to **AzureAD**.
2. Configure the **App Registration Permissions** and generate the **Client Secret**.
3. Configuring the **RightFax Email Gateway** module on the RightFax server.
4. Configuring the **RightFax EWS Connector** on the RightFax Server.

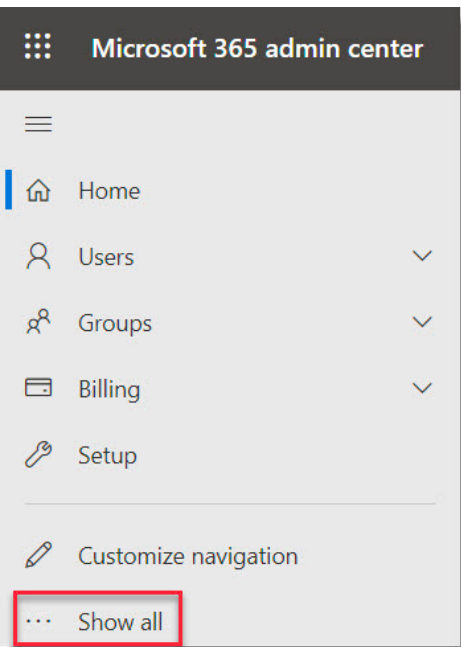
RightFax EWS Configuration for Exchange Online OAuth (Interactive)

1. Adding a new **“App Registration”** to Azure Active Directory.

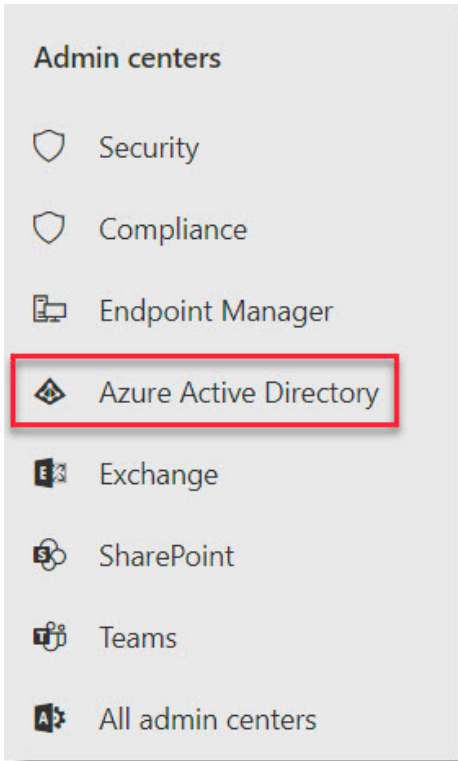
- a. Navigate to **www.office.com** and login to your Office 365 account.
- b. In the top left-hand corner of the page select the Office 365 **App Launcher** and select **Admin**.



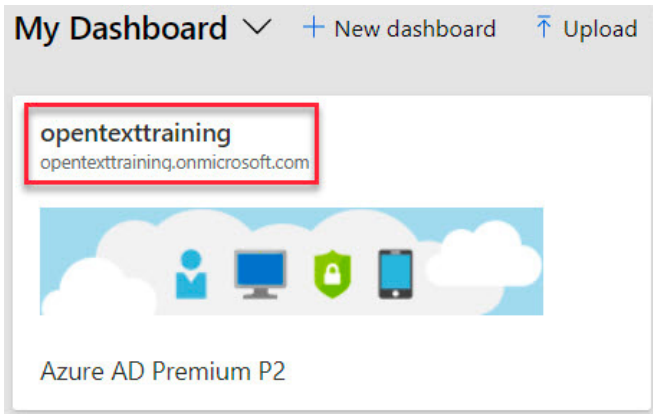
c. Within **Microsoft 365 Admin Center** select **Show All**.



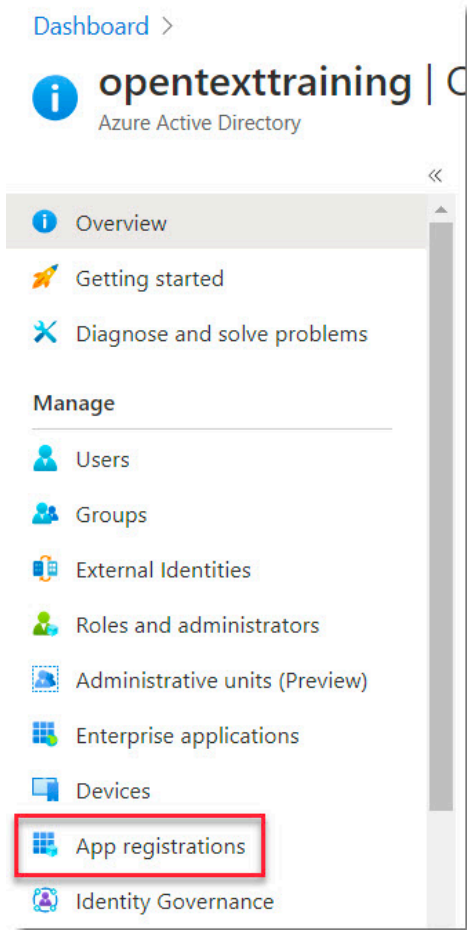
d. Under **Admin Centers** select **Azure Active Directory**.



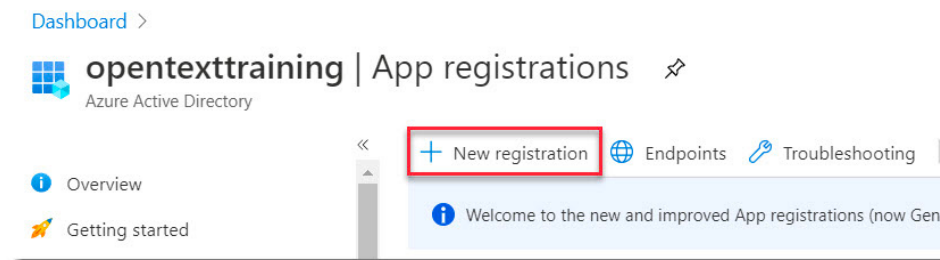
e. On the **My Dashboard** Screen select the Office 365 <Domain Name> **Dashboard**.



f. On the <Domain Name> Dashboard from the menu select **App Registrations**.



g. On the **App Registrations** section select **New Registration**.



h. Within the **Register an Application** page in the **Name** field enter a name (i.e. **RightFax**).

i. Under the **Redirect URI (Optional)** drop-down select **Public client/native (mobile & desktop)**.

j. In the empty **Redirect URI** field enter **“urn:ietf:wg:oauth:2.0:oob”** (without the quotes) and click **Register**.

Dashboard > opentextraining | App registrations >

Register an application

*** Name**

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

Supported account types

Who can use this application or access this API?

- Accounts in this organizational directory only (opentextraining 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)

[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.

By proceeding, you agree to the [Microsoft Platform Policies](#)

2. Configure the **App Registration permissions**.

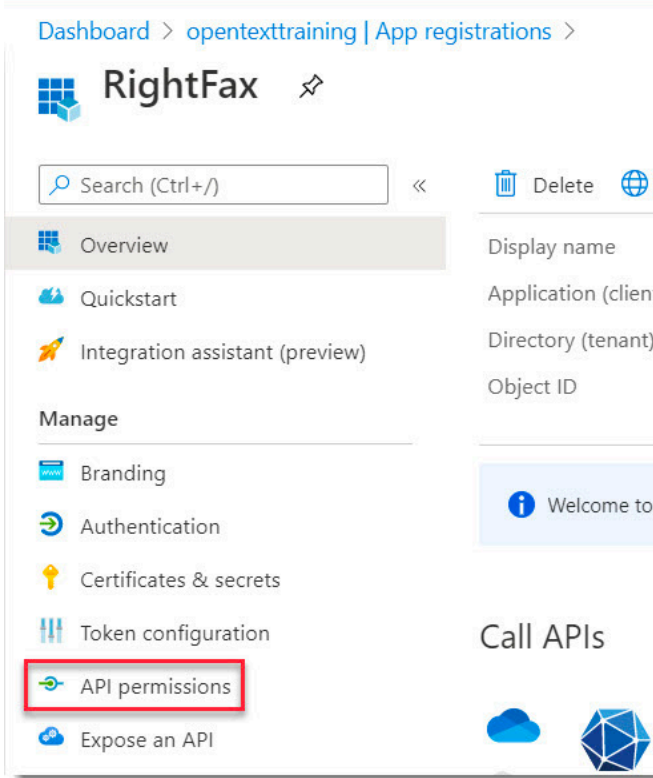
a. On the **App Registration** site overview note the **Application (client) ID** and **Directory (tenant) ID**. (This information will be used later in the configuration.)

RightFax

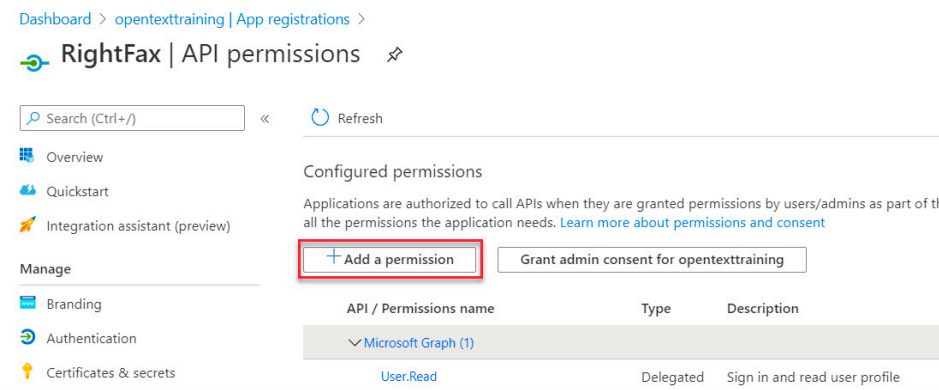
Search (Ctrl+/) << Delete Endpoints

Overview	Display name : RightFax	Supported account types : My organization only
Quickstart	Application (client) ID : [Redacted]	Redirect URIs : 0 web, 0 spa, 1 public client
Integration assistant (preview)	Directory (tenant) ID : [Redacted]	Application ID URI : Add an Application ID URI
Manage	Object ID : [Redacted]	Managed application in L... : RightFax

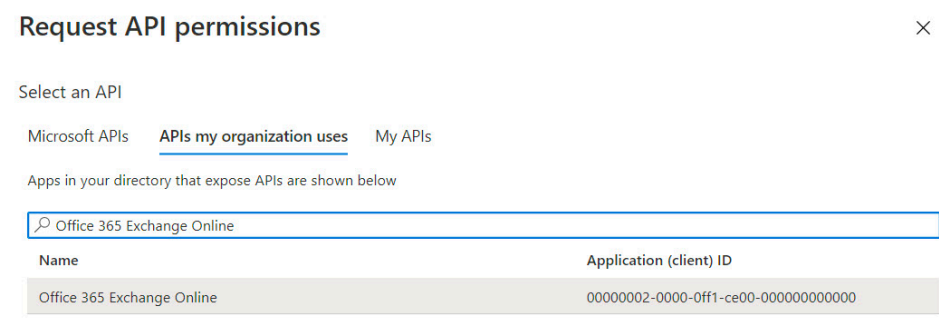
b. Within **App Registration** under **Manager** select **API Permissions**.



c. Within **Configured Permissions** select **Add a Permission**.

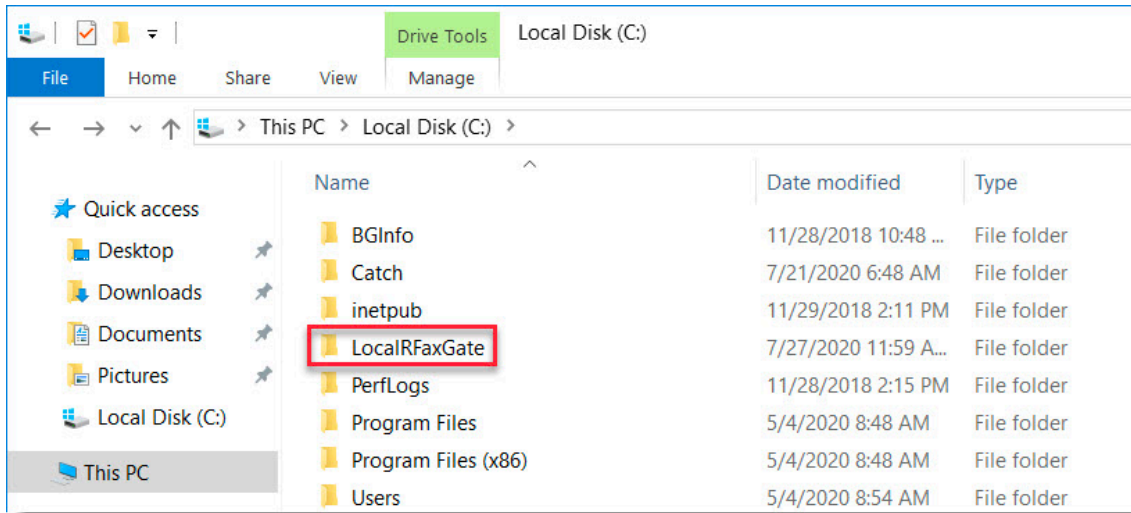


d. Within the **Request API permissions** screen select **APIs my organization uses**.



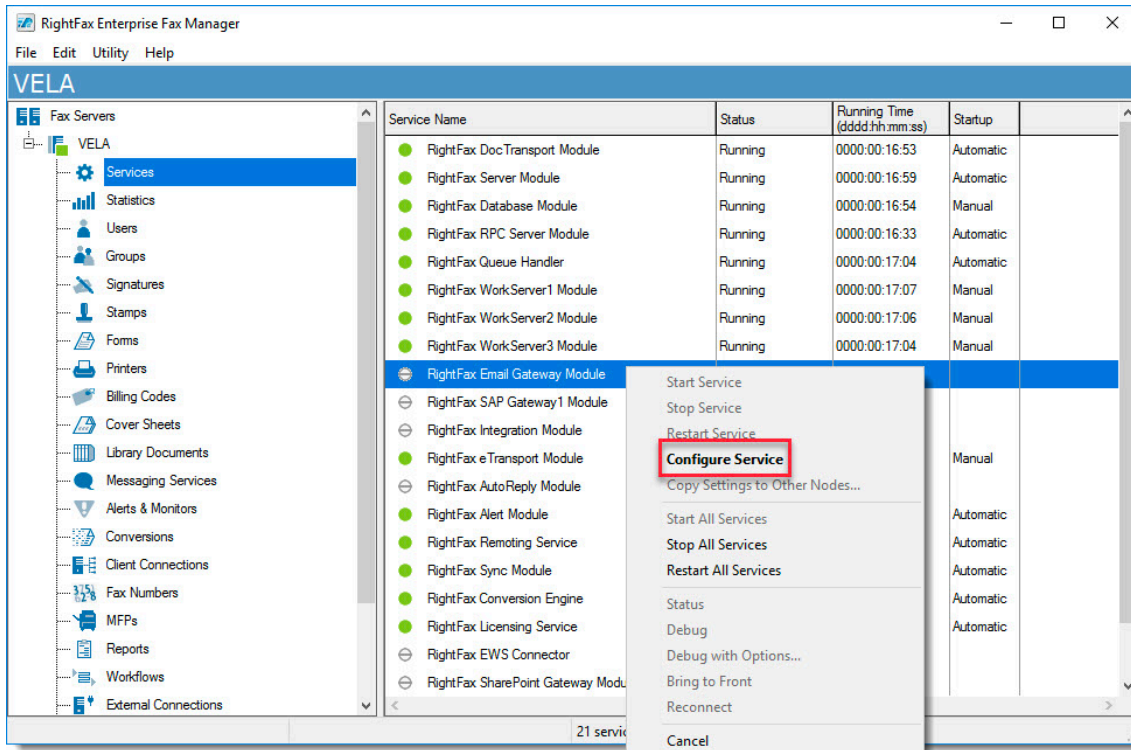
3. Configure the **RightFax Email Gateway** on the RightFax server.

a. On the **RightFax** server create the **LocalRFaxGate** folder. (This will contain the IN and OUT folder for the RFX Gate folder usage.)

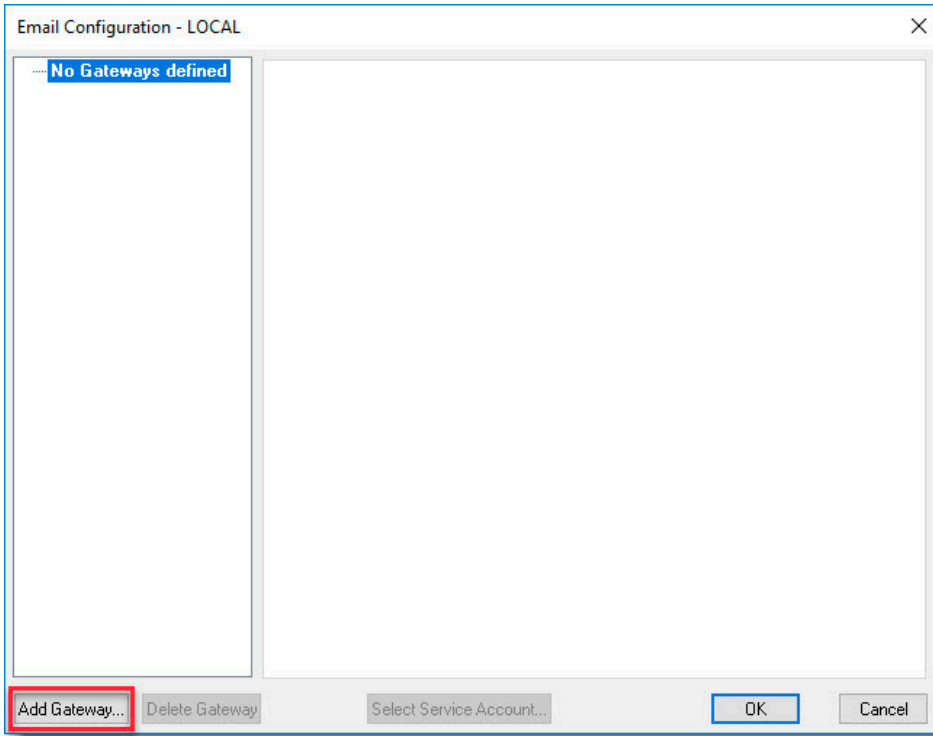


b. Open **Enterprise Fax Manager** click on **Start > RightFax > RightFax Enterprise Fax Manager**.

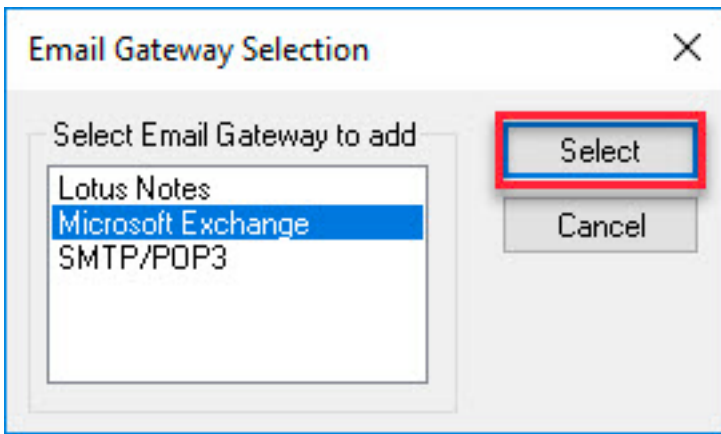
c. Within **EFM** highlight **Services** locate the **RightFax Email Gateway Module** double-click or right-click and from the menu select **Configure Service**.



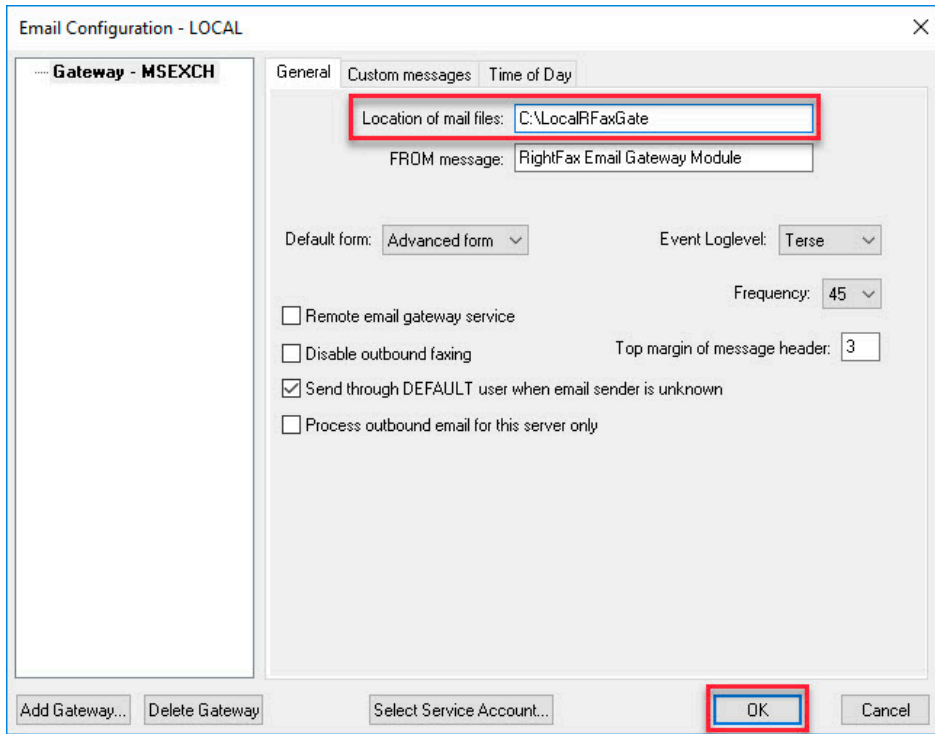
d. Within the **Email Configuration - Local** window select **Add Gateway**.



e. In the **Email Gateway Selection** window select **Microsoft Exchange** and click **Select**.

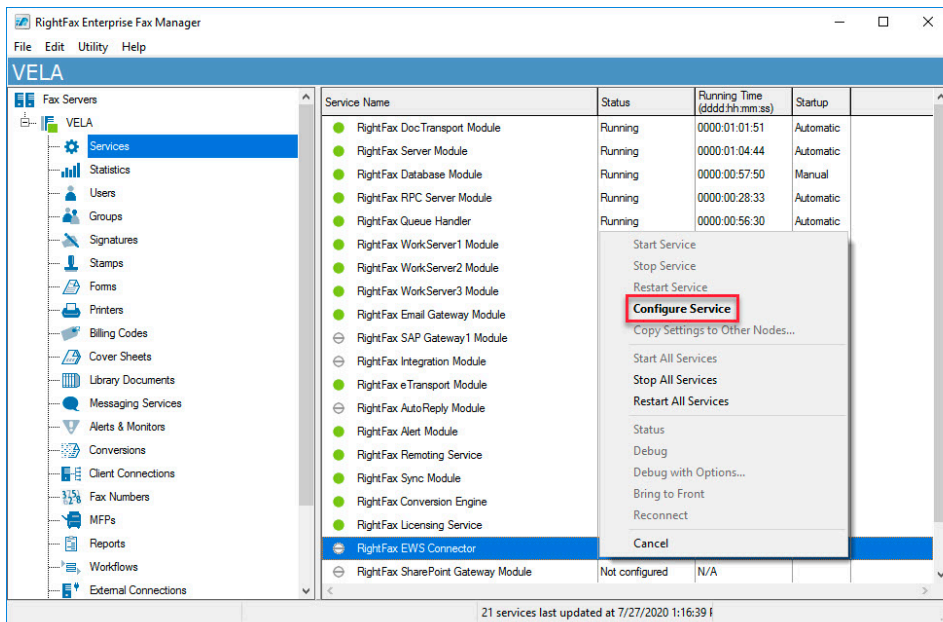


f. Within the **Gateway - MSEXCH** in the **Location of mail files**: enter the location of the **LocalRFaxGate** folder created in Step 1 and click **OK**.



4. Configure the RightFax EWS Connector on the RightFax Server.

a. Within **EFM**, locate the **RightFax EWS Connector** double-click or right-click and from the menu select **Configure Service**.



b. Within the **RightFax EWS Connector** screen enter the **NDR Mailbox** Information and **Mailbox** information.

RightFax EWS Connector

Mailbox
Enter an Exchange mailbox to which the transport rule will redirect all fax emails for processing by the RightFax connector.

Exchange Server: ps.outlook.com
Mailbox Email Address: Office@opentexttraining.onmi
Mailbox Password: [redacted]

NDR Mailbox: s@Opentexttraining.onmicrosoft.com

Exchange Gateway: Gateway
Gateway Directory: C:\LocalRFaxGate
Event Loglevel: Warning

Exchange Online
 Office 365
 Use OAuth
Get Token

Transport Rule Creation
 Automatically Create Transport Rule

Exchange Administrator Credentials
These credentials will be used to create the required transport rule on the Exchange server.
Administrator ID: someone@example.com
Password: [redacted]

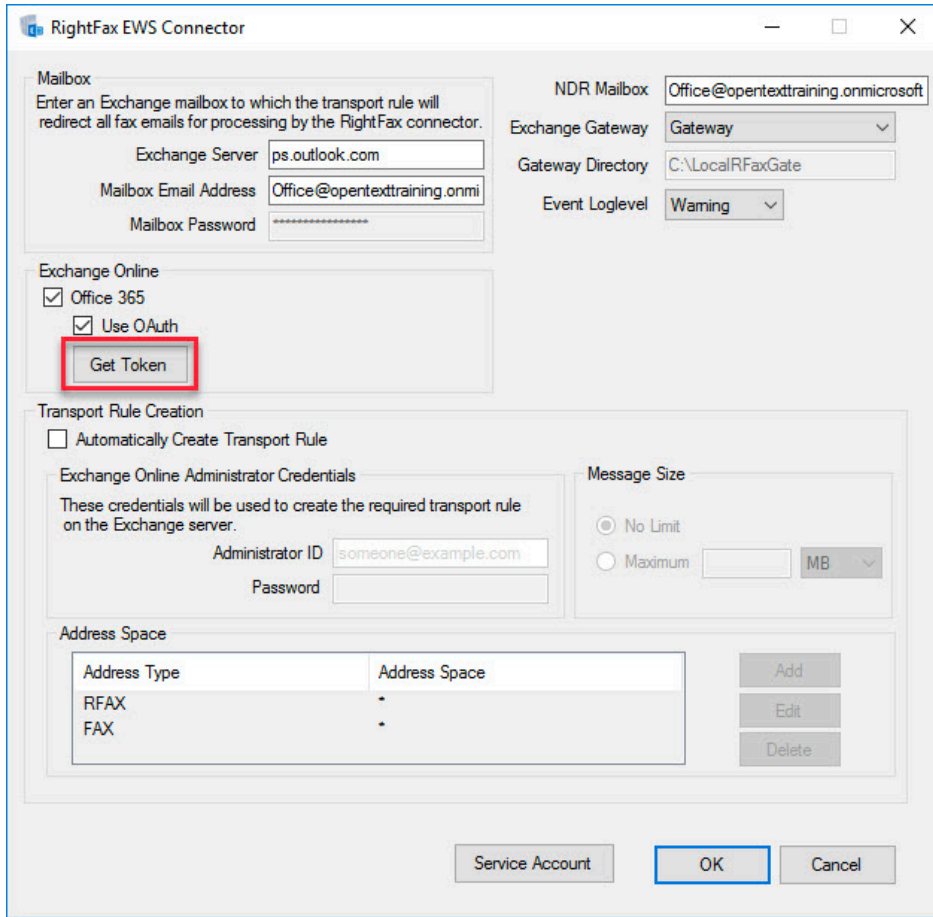
Message Size
 No Limit
 Maximum [] MB

Address Space

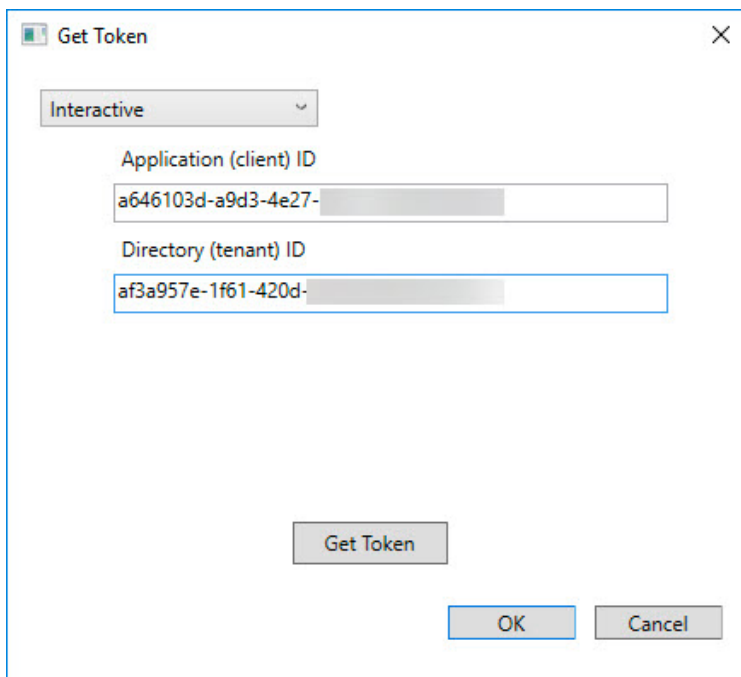
Address Type	Address Space
RFAX	.
FAX	.

Buttons: Service Account, OK, Cancel

c. Within the **Exchange Online** section select **Office 365**, select **Use OAuth**, and then click **Get Token**.

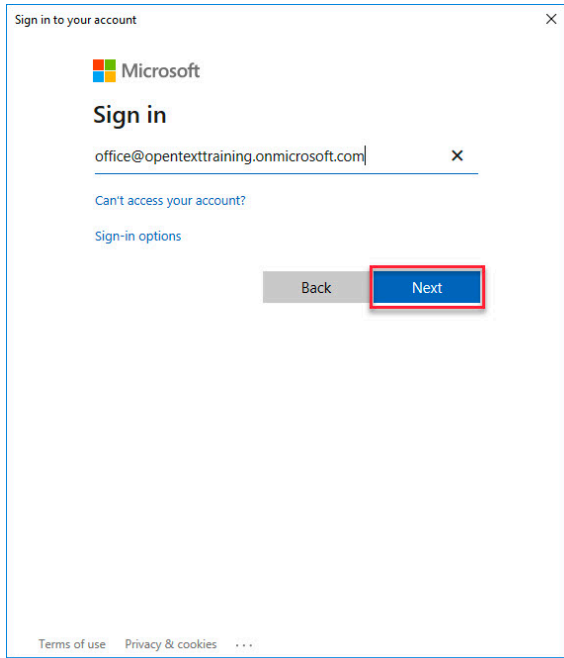


d. In the **Get Token** screen leave **Interactive** and in the **Application (client) ID** and **Directory (Tenant) ID**. (Section 2. Configure the **App Registration permissions** Step 1.)

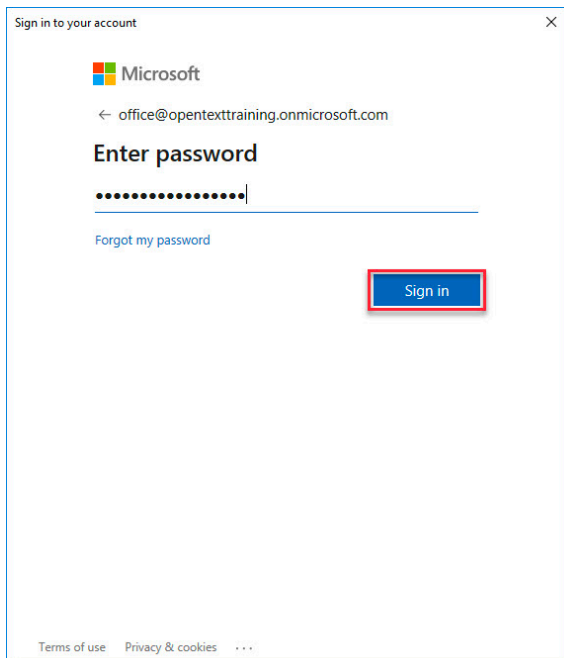


e. Click **Get Token**.

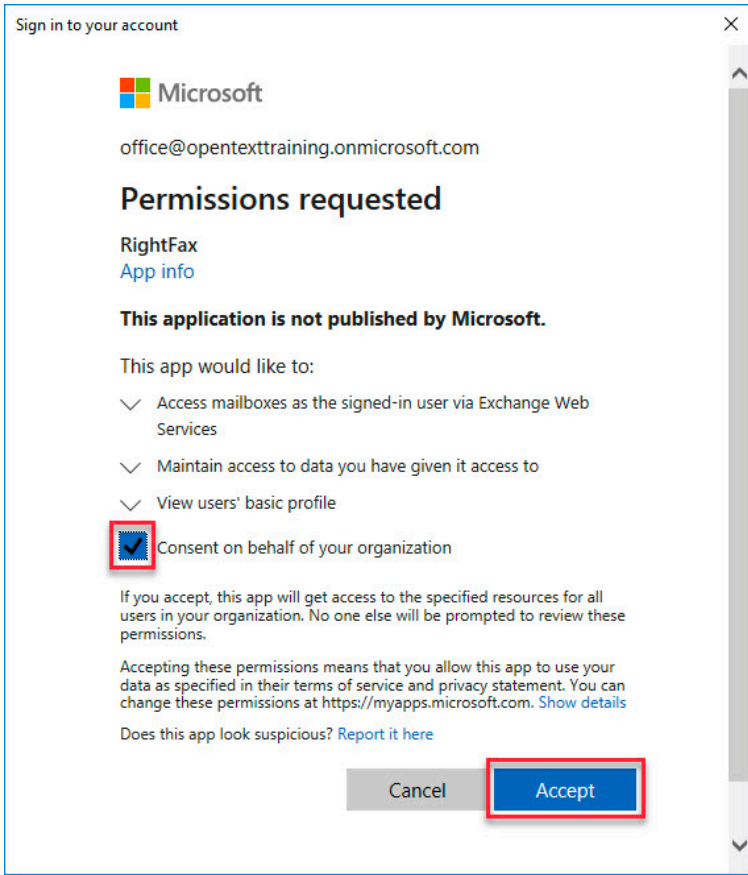
f. Within the **Sign in to your account** window enter mailbox used to configure the EWS Connector and click **Next**.



g. Enter the mailbox **password** and click **Sign In**.



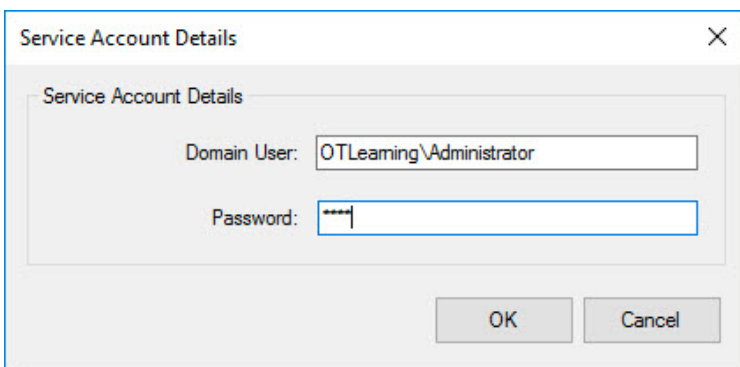
h. On the **Permissions Requested** window select **Consent on behalf of your organization**, and then click **Accept**.



i. Click **OK** to close the **Get Token** window.

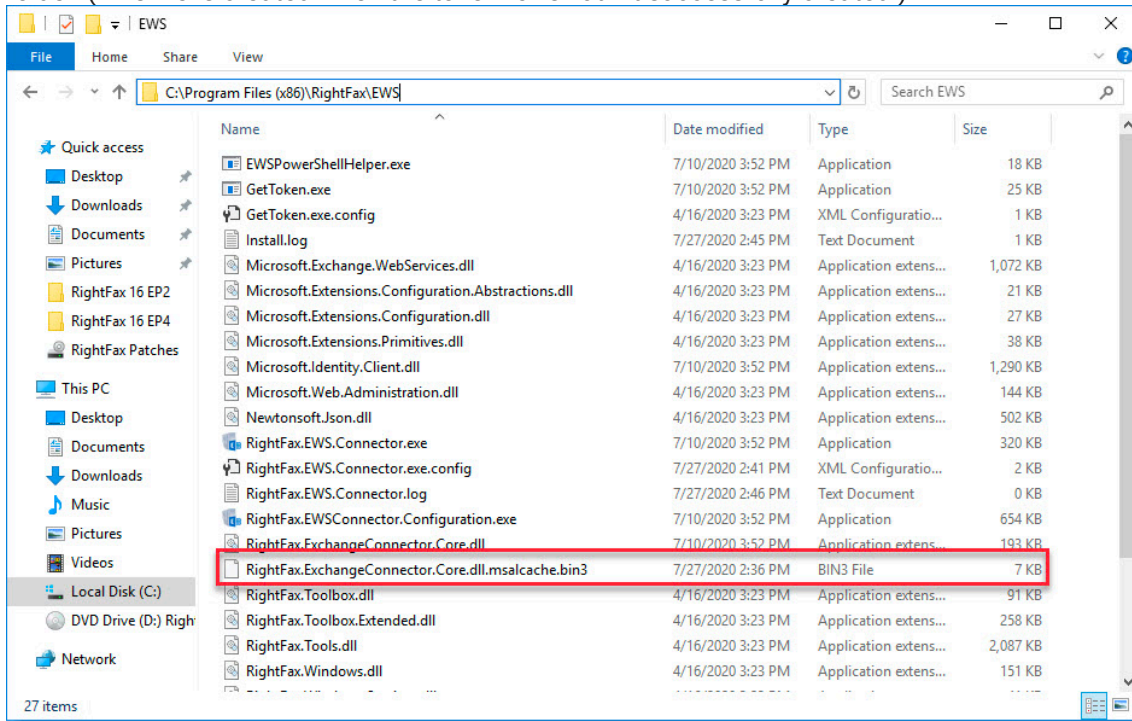
j. Click **Service Account**.

k. In the **Service Account Details** window enter the **Domain User** and **Password** to run the **RightFax EWS Connector** and then click **OK**.



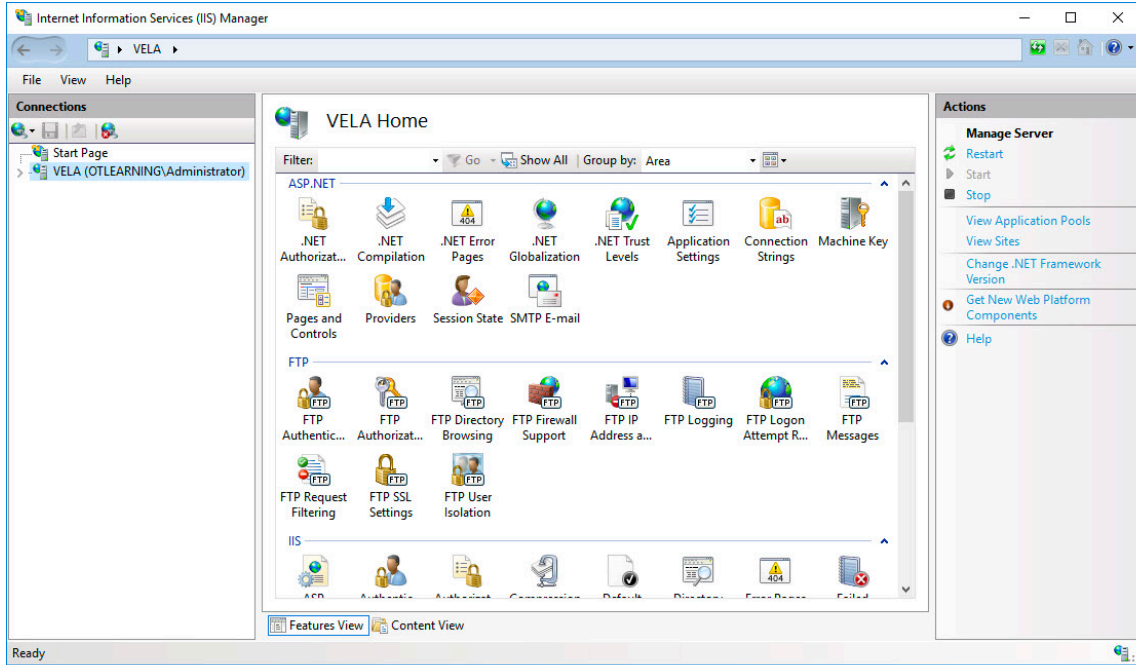
l. Click **OK** to close the **RightFax EWS Connector** screen.

m. Verify the **RightFax.ExchangeConnector.Core.dll.msalcache.bin3** file is created under the **\RightFax\EWS** folder. (This file is created when the token for OAuth it successfully created.)

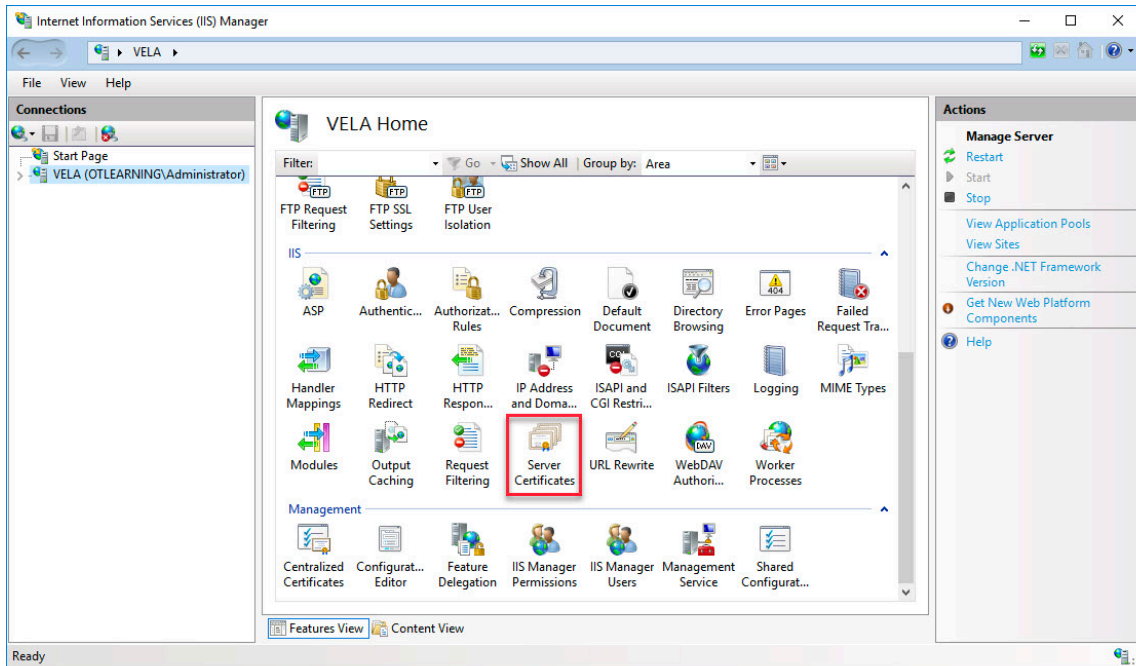


RightFax EWS Configuration for Exchange Online OAuth (Certificate)

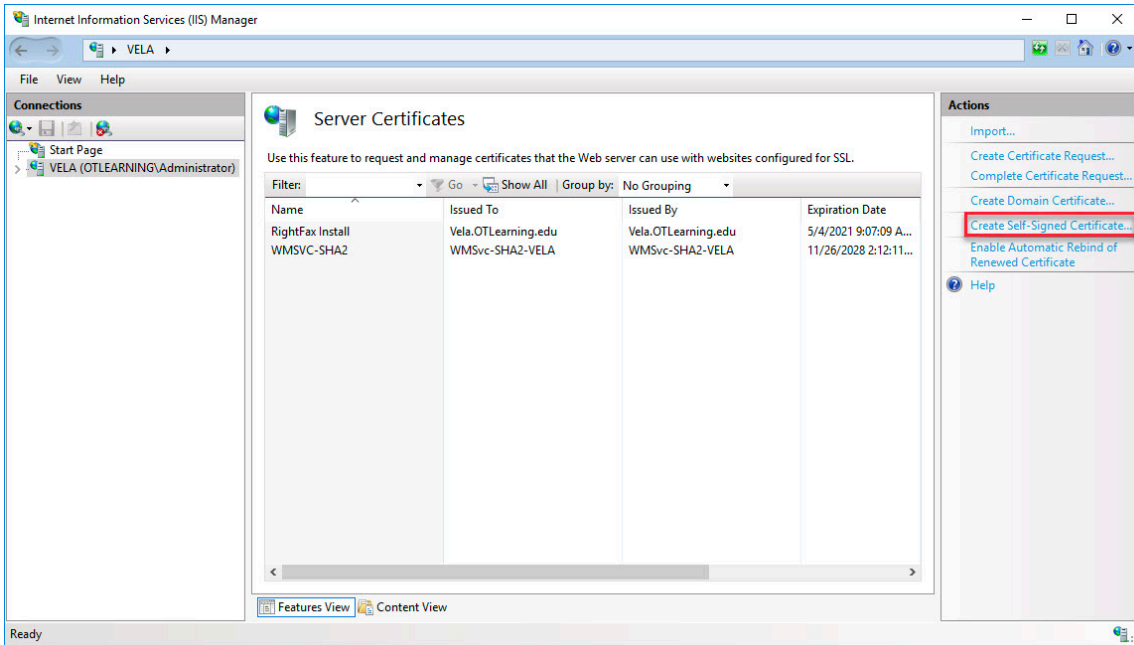
1. Create a certificate and export both a .pfx and .cer files.
 - a. Open **Internet Information Services (IIS) Manager** on the RightFax server and highlight the server name.



- b. Within IIS Manager <Server Name> **Home** scroll down to IIS and select **Server Certificates**.

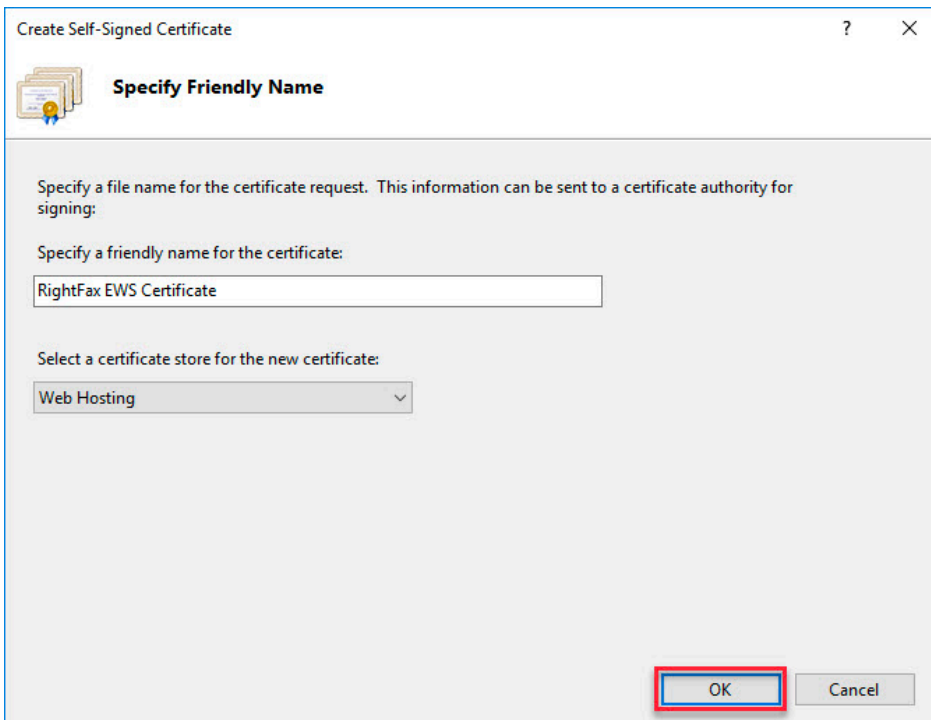


c. Within **Server Certificates** under **Actions** and select **Create Self-Signed Certificate**.

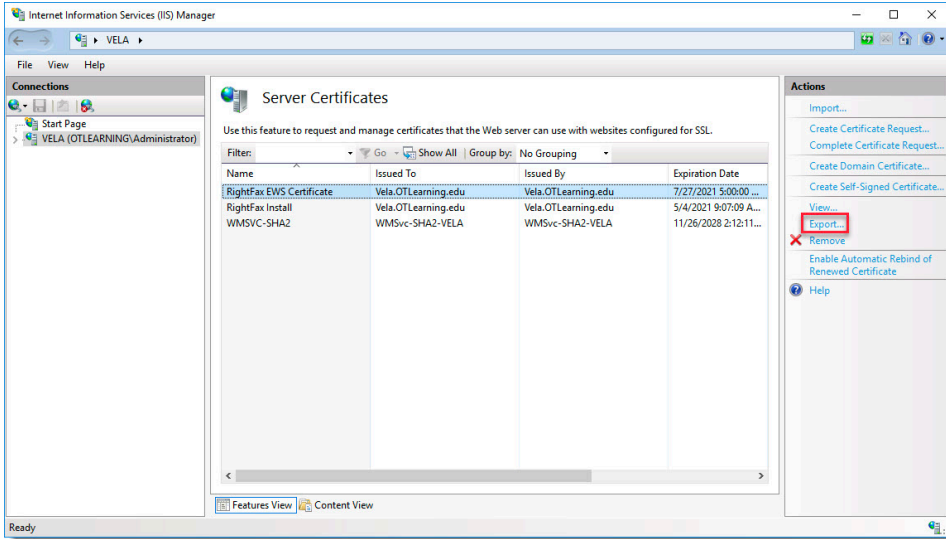


d. On the **Create Self-Signed Certificate** window enter a name for the certificate in the **Specify a friendly name for the certificate** field.

e. Select **Web Hosting** on the **Select a certificate store for the new certificate** drop-down and click **OK**.

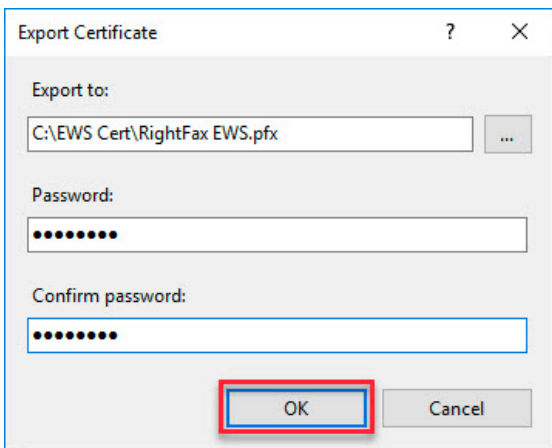


f. Within the IIS **Server Certificates** screen highlight the newly created certificate and under **Actions** select **Export**.

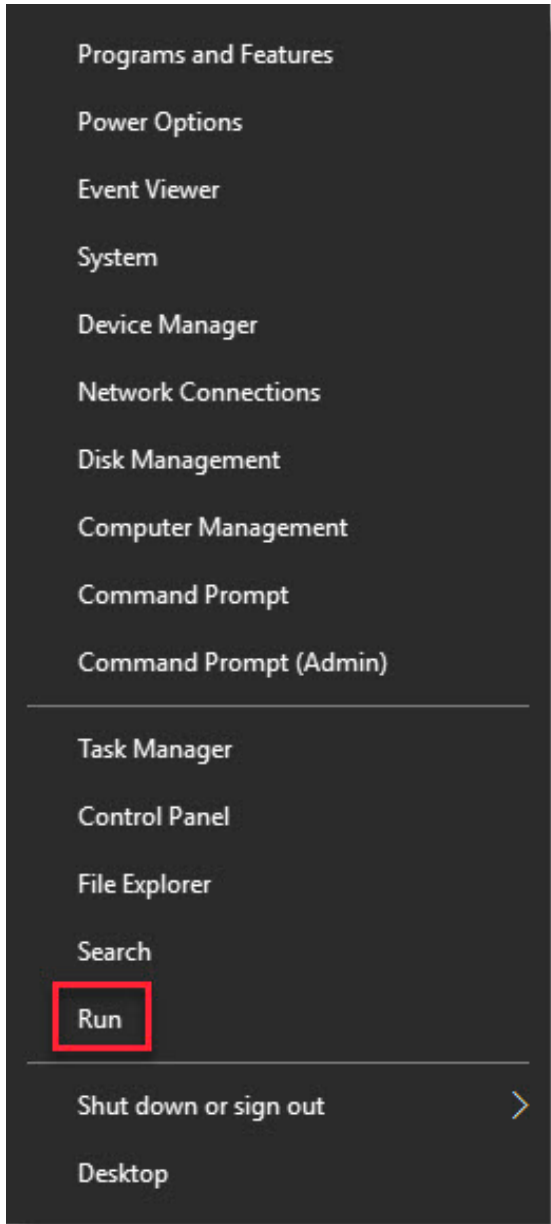


g. Within the **Export Certificate** window select the ellipses next the Export to. Save the certificate to a location where the EWS Connector service account has access. (This location will be where the .pfx file will be stored.)

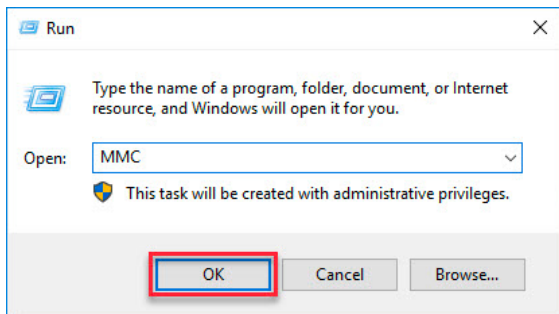
h. Enter a **Password** and **Confirm password** and click **OK**.



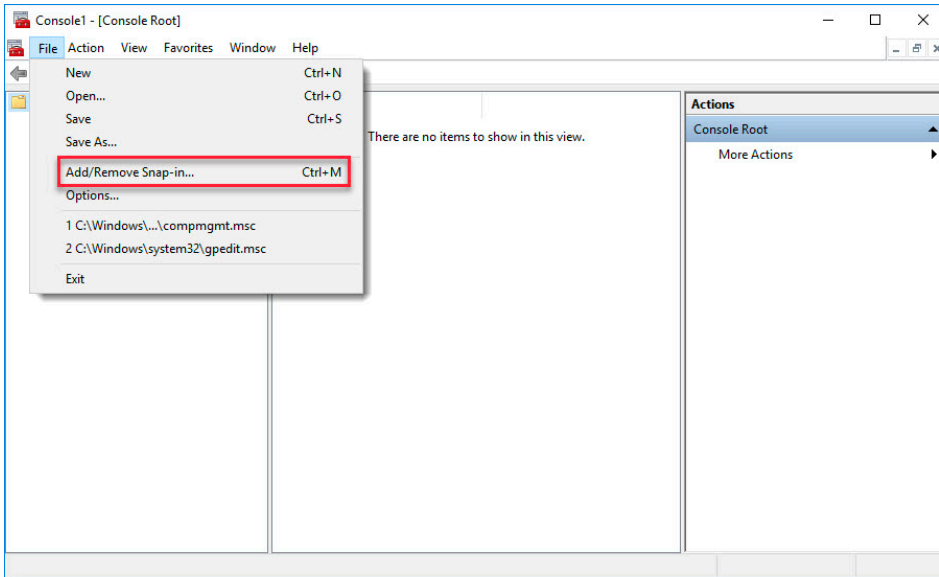
i. Right-click **Start** and from the menu select Run.



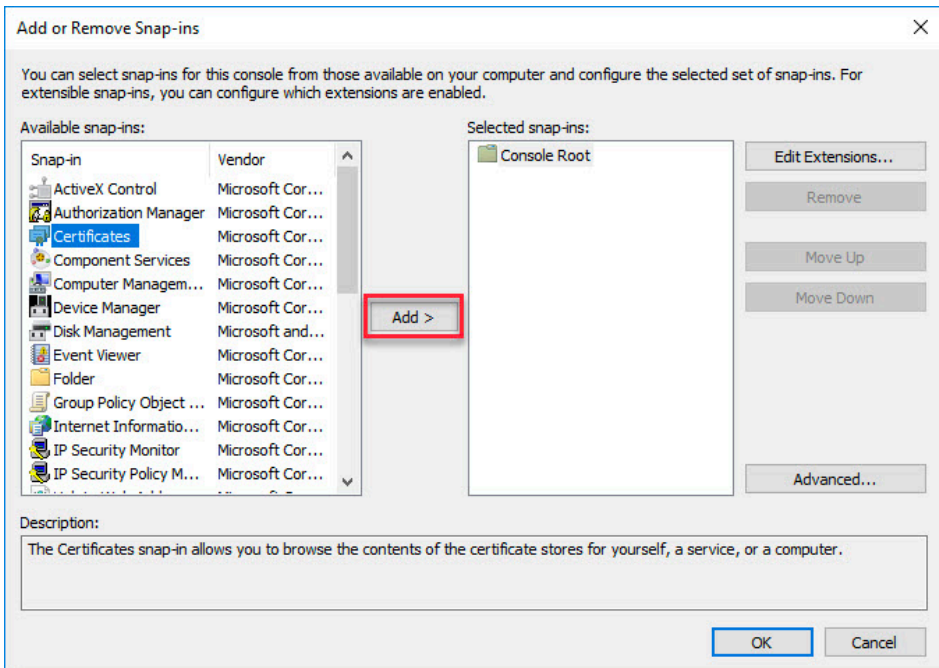
j. In the **Run** window enter **MMC** and click **OK**.



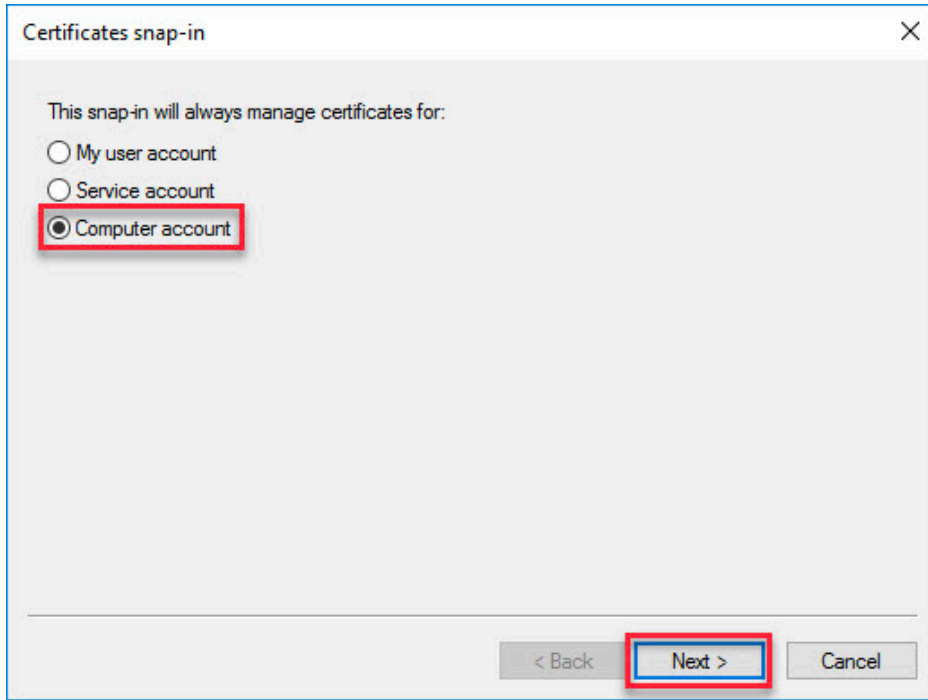
k. Within the **Console1** window select **File** and from the menu select **Add/Remove Snap-in**.



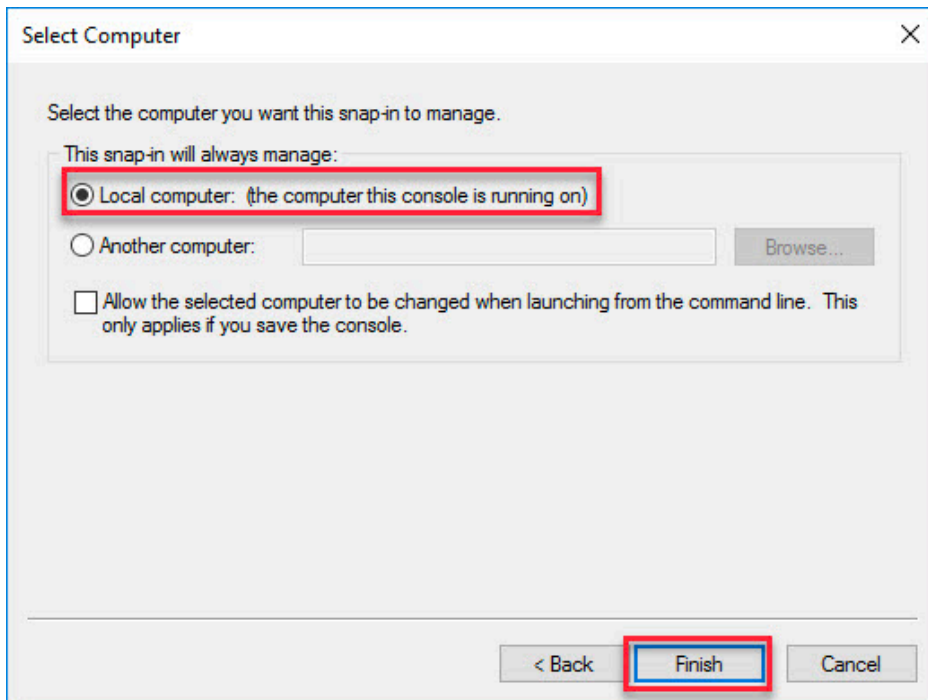
l. Within the **Add or Remove Snap-ins** window under **Available snap-ins** highlight **Certificates** and click **Add**.



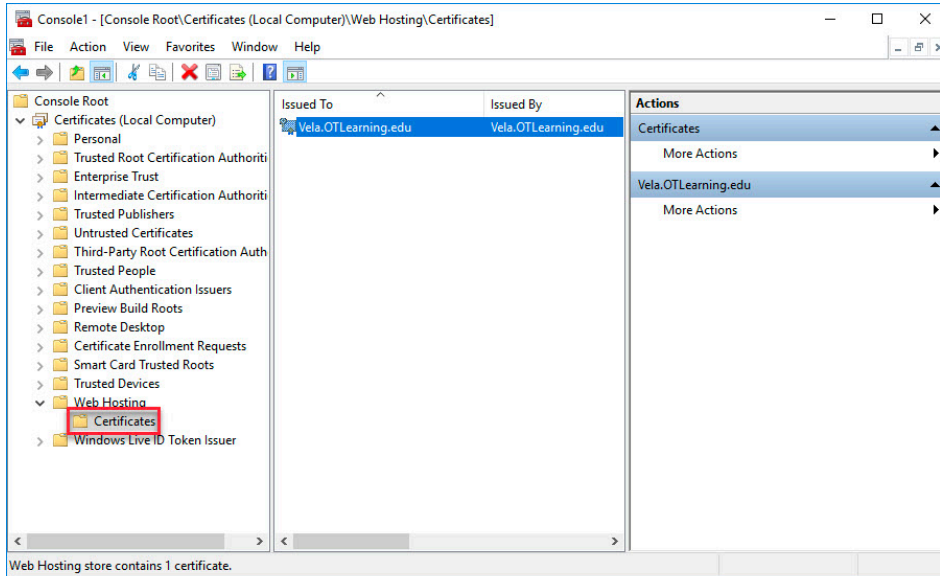
m. Within the **Certificates snap-in** window select **Computer account** and click **Next**.



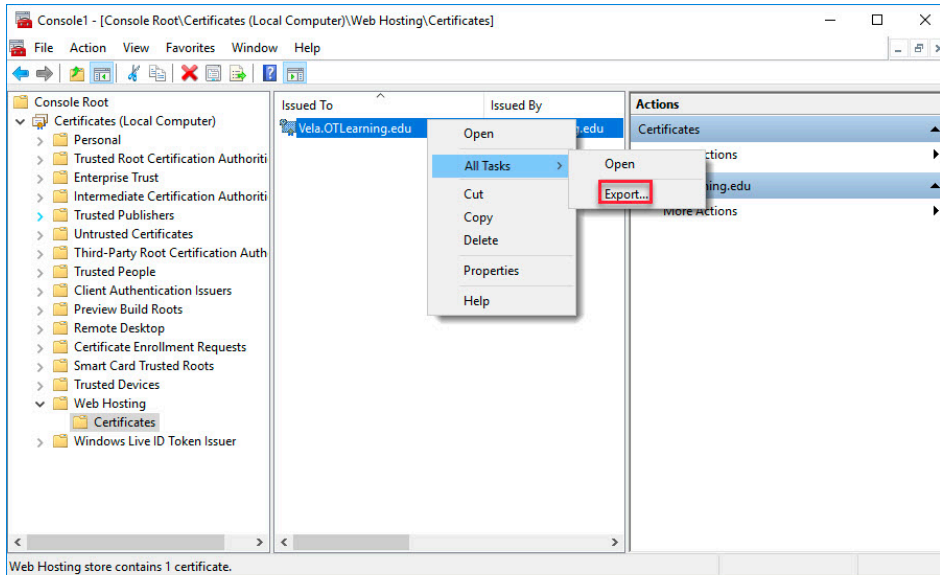
n. On the **Select Computer** screen leave **Local Computer (the computer this console is running on)**, click **Finish**, and click **OK**.



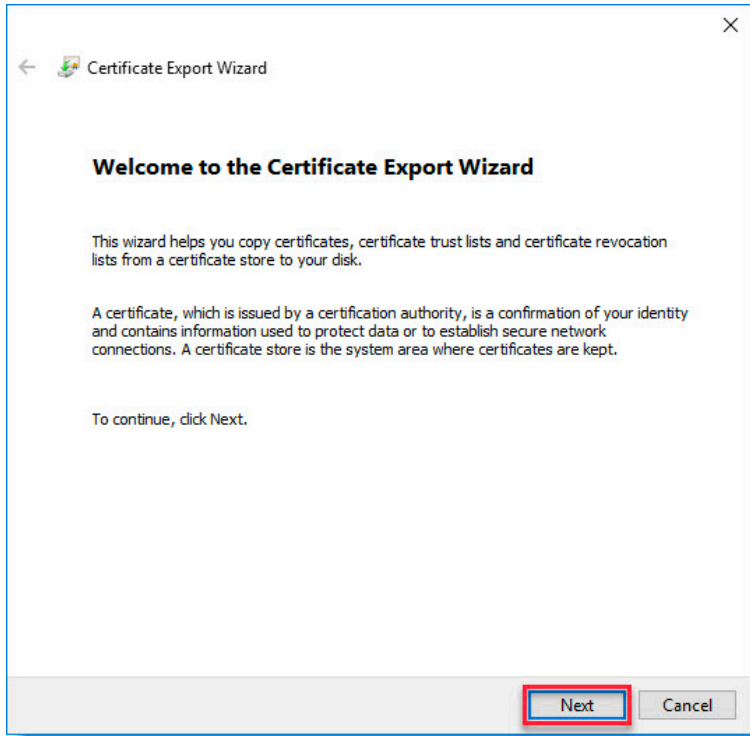
o. With **Certificates** now loaded into MMC Console, locate the Certificate created in IIS expand **Certificates > Web Hosting > Certificates**.



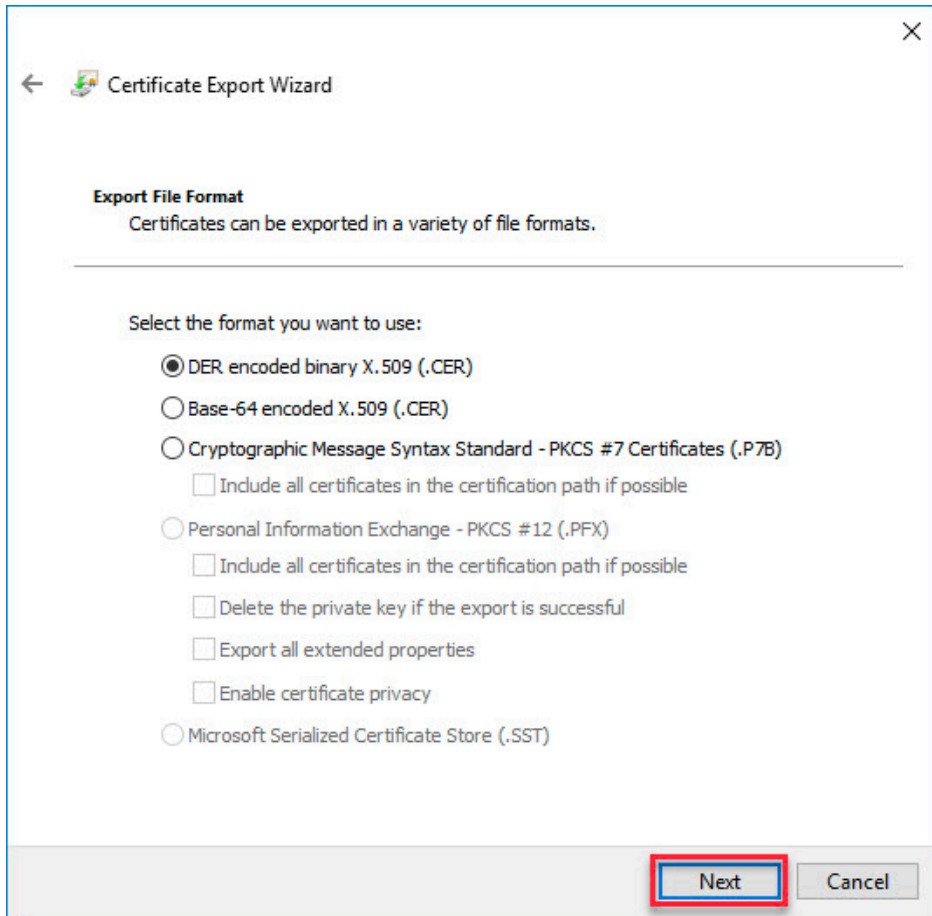
p. Right-click the certificate and from the menu select **All Tasks > Export**.



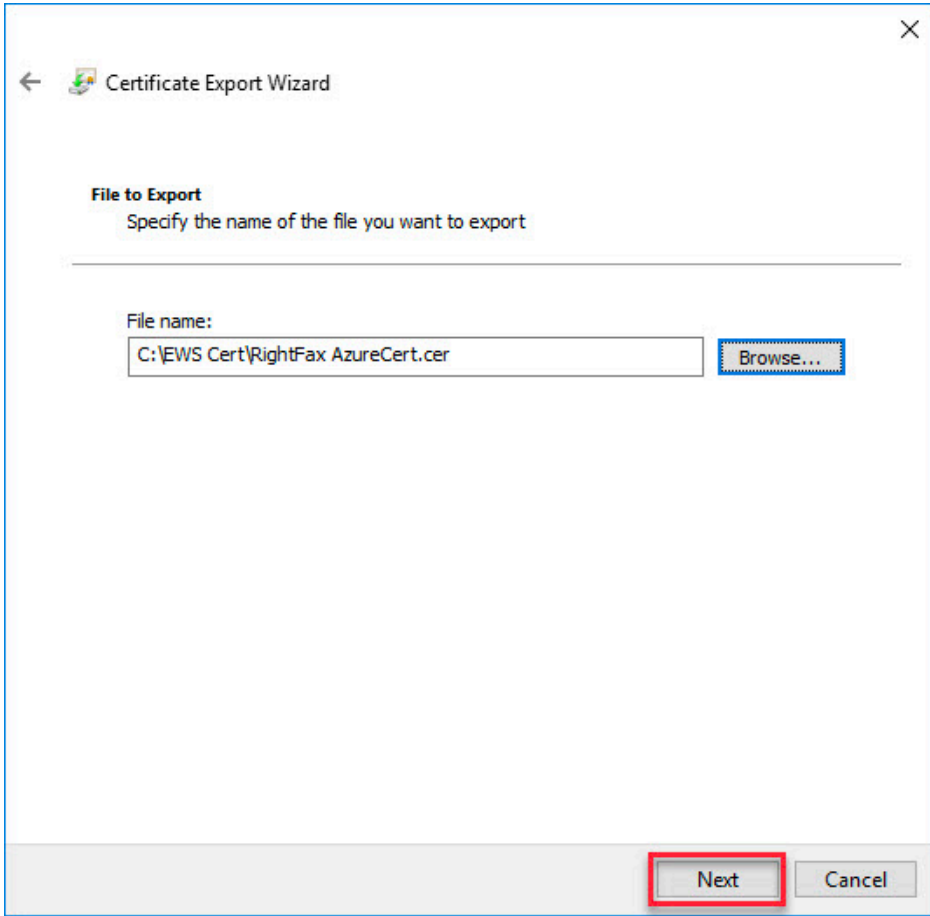
q. On the **Welcome to the Certificate Export Wizard** screen click **Next**.



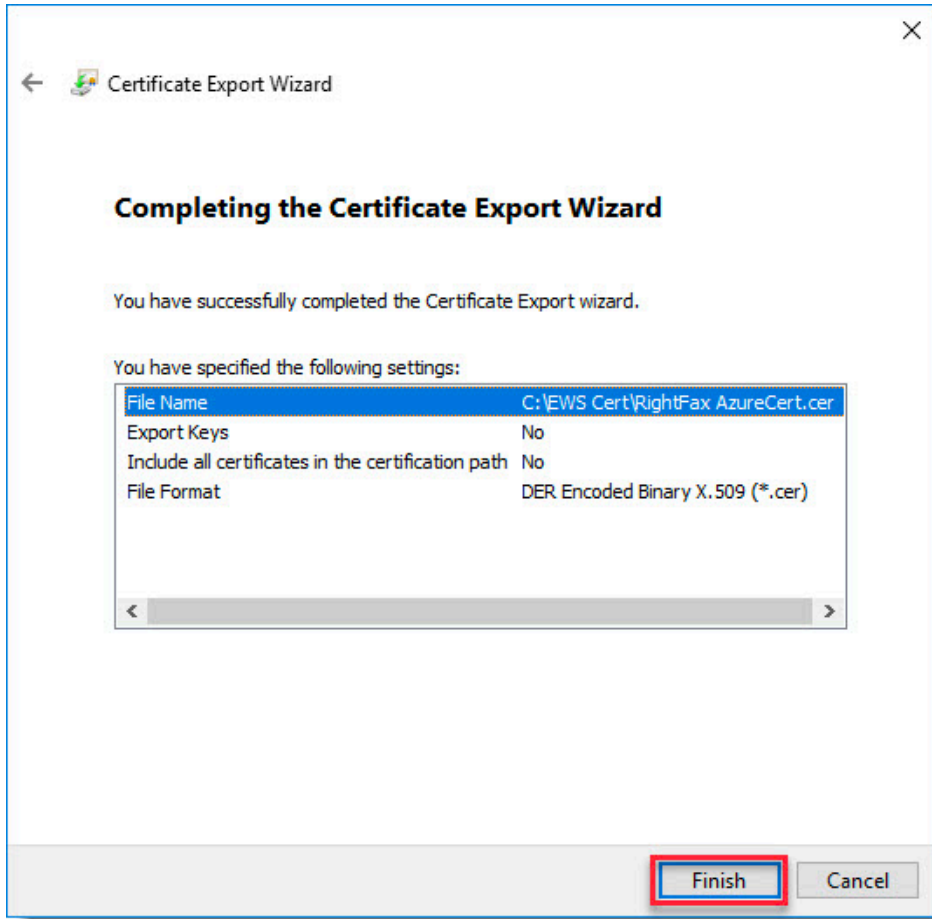
r. On the **Export File Format** screen select either **DER encoded binary X.509 (.CER)** or **Base-64 encoded X.509 (.CER)** and click **Next**.



s. On the **File to Export** screen click **Browse** and save the file to a location that will have access from the Web Browser used to configure AzureAD, and click **Next**.



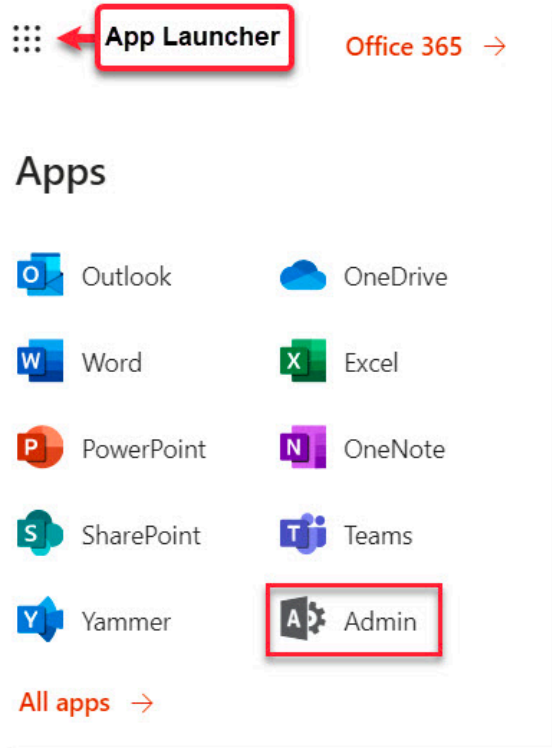
t. On the **Completing the Certificate Export Wizard** screen click **Finish**.



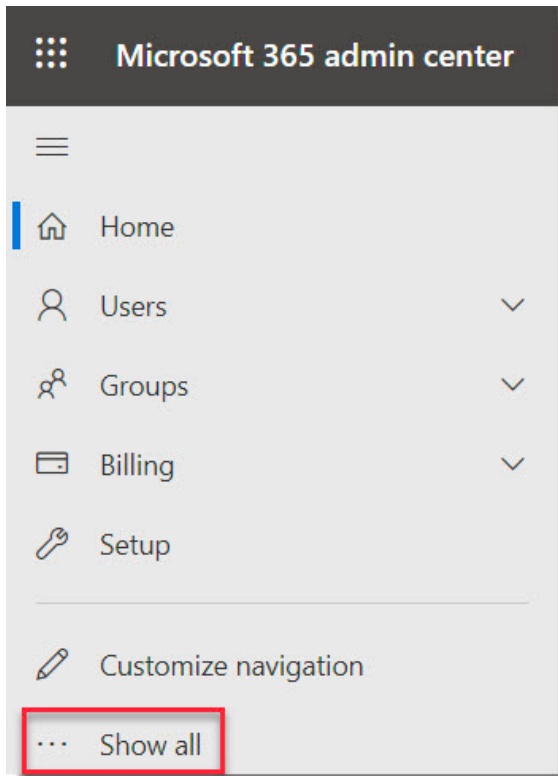
2. Adding an **App Registration** to **AzureAD**.

a. Navigate to **www.office.com** and login to your Office 365 account.

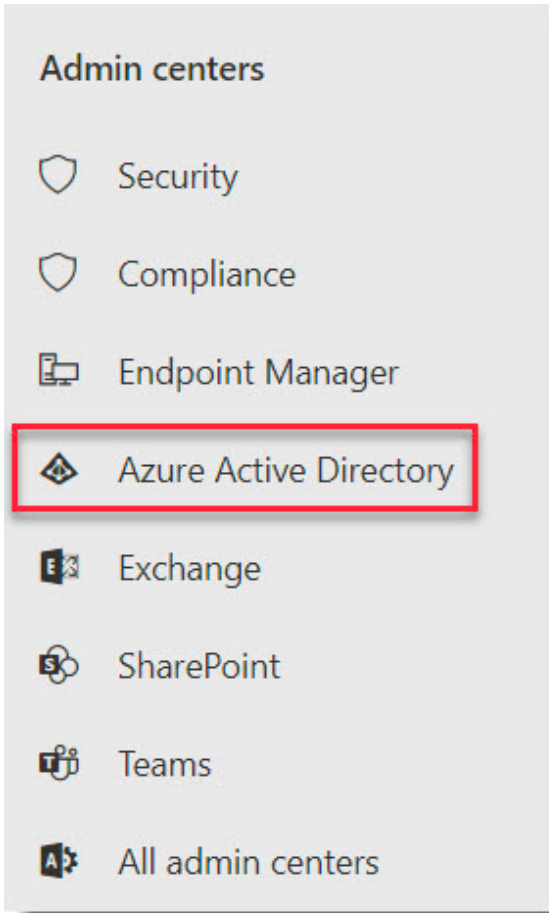
b. In the top left-hand corner of the page select the Office 365 **App Launcher** and select **Admin**.



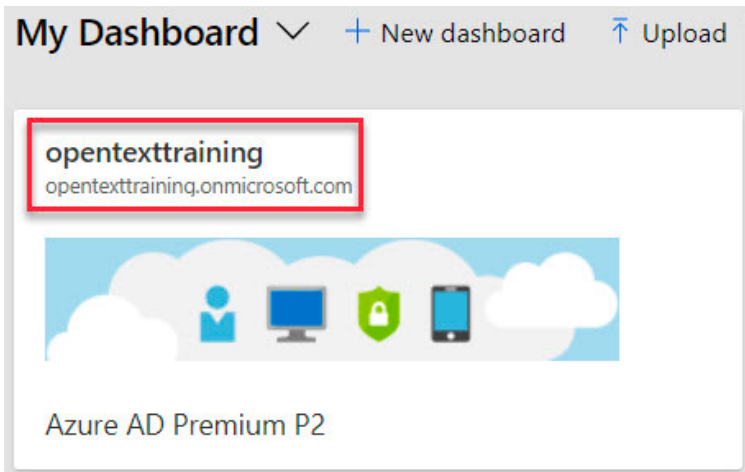
c. Within **Microsoft 365 Admin Center** select **Show All**.



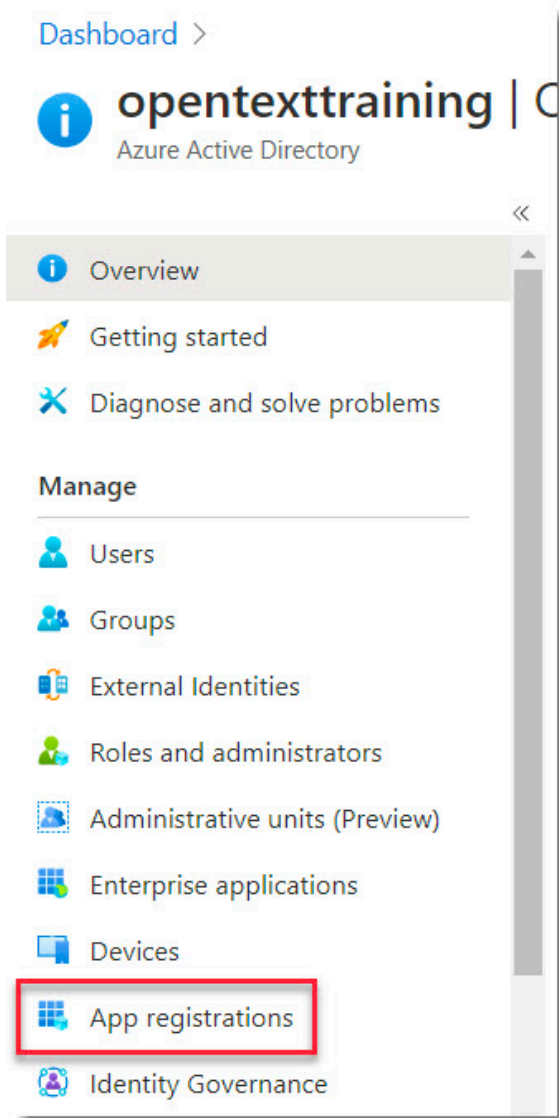
d. Under **Admin Centers** select **Azure Active Directory**.



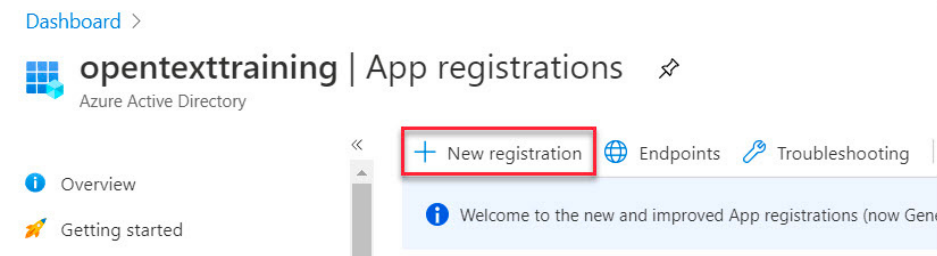
e. On the **My Dashboard** Screen select the Office 365 <Domain Name> **Dashboard**.



f. On the <Domain Name> Dashboard from the menu select **App Registrations**.



g. On the **App Registrations** section select **New Registration**.



h. Within the **Register an Application** page in the **Name** field enter a name (i.e. **RightFax**) and then click **Register**. (Do not modify Supported account types or Redirect URI (optional) settings).

[Dashboard](#) > [opentextraining](#) | [App registrations](#) >

Register an application

* Name

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

Supported account types

Who can use this application or access this API?

- Accounts in this organizational directory only (opentextraining 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)

[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.

By proceeding, you agree to the [Microsoft Platform Policies](#)

3. Configure the **App Registration Permissions**.

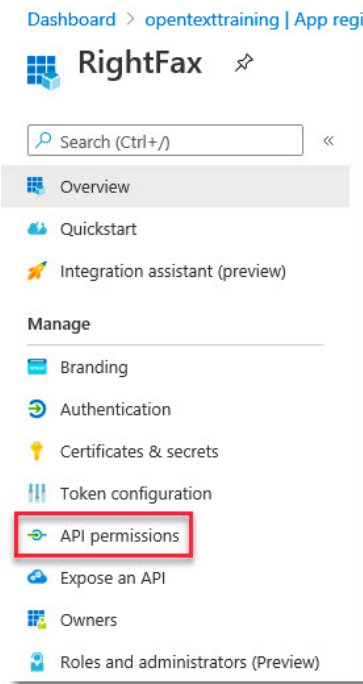
a. On the Application (RightFax) Overview note the **Application (client) ID** and **Directory (tenant) ID** this information will be used later on in the configuration process.

The screenshot shows the 'Overview' page for the application 'RightFax'. The left sidebar contains navigation options: Overview, Quickstart, Integration assistant (preview), Manage, Branding, Authentication, Certificates & secrets, Token configuration, API permissions, and Expose an API. The main content area displays the following information:

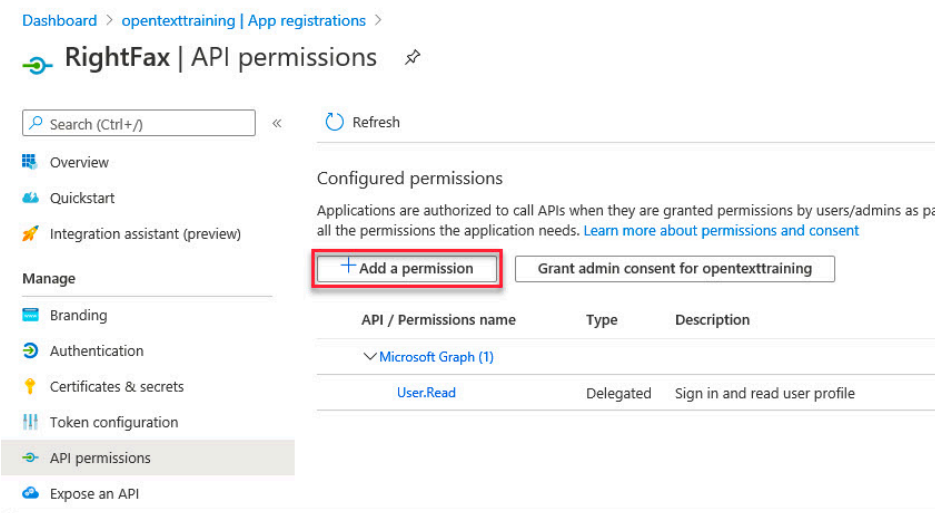
- Display name: RightFax
- Application (client) ID: 2329ad44-7006-4662-a6af-16863bccbe50
- Directory (tenant) ID: af3a957e-1f61-420d-a59b-f92b20143c72
- Object ID: 1d8c0eb0-8e80-42d8-b5cd-87eba80bd220

The Application (client) ID and Directory (tenant) ID are highlighted with red boxes in the original image. At the bottom of the page, there is a 'Call APIs' button and a welcome message.

b. On the RightFax Overview screen under **Manage** select **API permissions**.



c. Within the RightFax **API permissions** screen select **Add a permission**.



d. Under **Request API permissions** scroll all the way down and under **Supported legacy API's** select **Exchange**.

e. Within **Request API permissions** under **Exchange** select **Application permissions**.

f. On the **Permissions** screen select **full_access_as_app** and click **Add permissions**.

g. After adding the permissions select **Grand Admin Consent for <AD Profile>**.

Dashboard > opentexttraining | App registrations >
RightFax | API permissions

Search (Ctrl+/) Refresh

Overview
 Quickstart
 Integration assistant (preview)

Manage
 Branding
 Authentication
 Certificates & secrets
 Token configuration
API permissions
 Expose an API
 Owners
 Roles and administrators (Preview)

You are editing permission(s) to your application, users will have to consent even if they've already done so previously.

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](#)

+ Add a permission **Grant admin consent for opentexttraining**

API / Permissions name	Type	Description	Admin consent req...	Status
Exchange (1)				
full_access_as_app	Application	Use Exchange Web Services with full access to all mail...	Yes	Not granted for opente...
Microsoft Graph (1)				
User.Read	Delegated	Sign in and read user profile	-	

h. Click **Yes** to the **Do you want to grant consent for the requested permission for all accounts** pop-up.

Do you want to grant consent for the requested permissions for all accounts in opentexttraining? This will update any existing admin consent records this application already has to match what is listed below.

Yes No

i. Under the **Manage** menu select **Certificates & Secrets**.

Dashboard > opentexttraining | App registrations >
RightFax | API permissions

Search (Ctrl+/) Refresh

Overview
 Quickstart
 Integration assistant (preview)

Manage
 Branding
 Authentication
Certificates & secrets
 Token configuration
 API permissions
 Expose an API
 Owners
 Roles and administrators (Preview)
 Manifest

Successfully granted admin consent for the requested permissions.

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](#)

+ Add a permission Grant admin consent for opentexttraining

API / Permissions name	Type	Description	Admin consent req...	Status
Exchange (1)				
full_access_as_app	Application	Use Exchange Web Services with full access to all mail...	Yes	Granted for opentextrai...
Microsoft Graph (1)				
User.Read	Delegated	Sign in and read user profile	-	Granted for opentextrai...

j. Within **Certificates & Secrets** select **Upload Certificate**.

Dashboard > opentexttraining | App registrations >
RightFax | Certificates & secrets

Search (Ctrl+/) 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.

Overview
 Quickstart
 Integration assistant (preview)

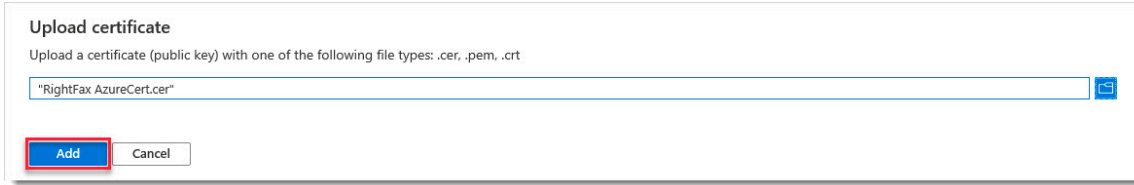
Manage
 Branding
 Authentication
Certificates & secrets
 Token configuration

Certificates
 Certificates can be used as secrets to prove the application's identity when requesting a token. Also can be referred to as public keys.

Upload certificate

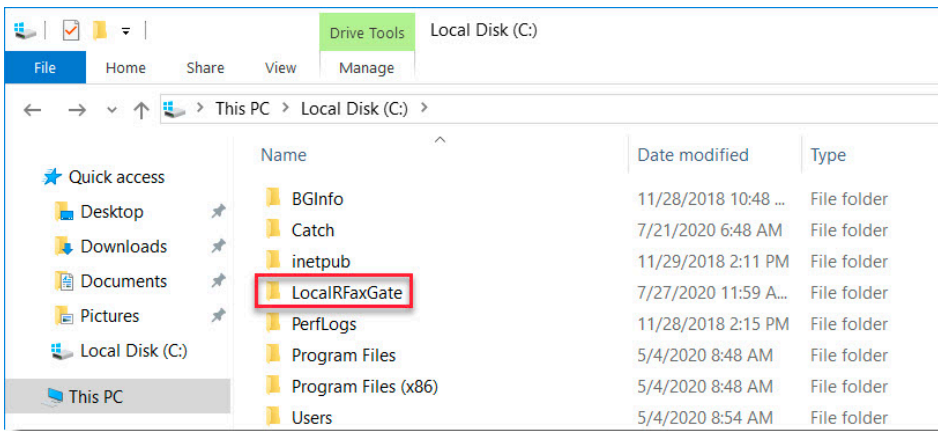
Thumbprint	Start date	Expires
No certificates have been added for this application.		

k. In the **Upload Certificate** window browse out to where you stored the **.CER** file you created, and then click **Add**.



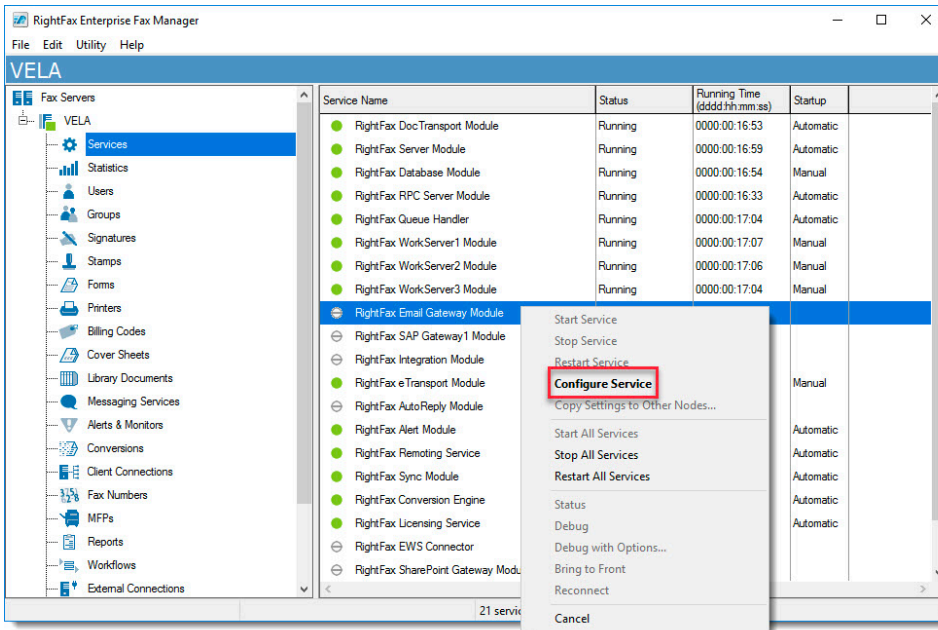
4. Configure the **RightFax Email Gateway** service on the RightFax Server.

a. On the **RightFax server** create the **LocalRFaxGate** folder. (This will contain the IN and OUT folder for the RFXGate folder usage.)

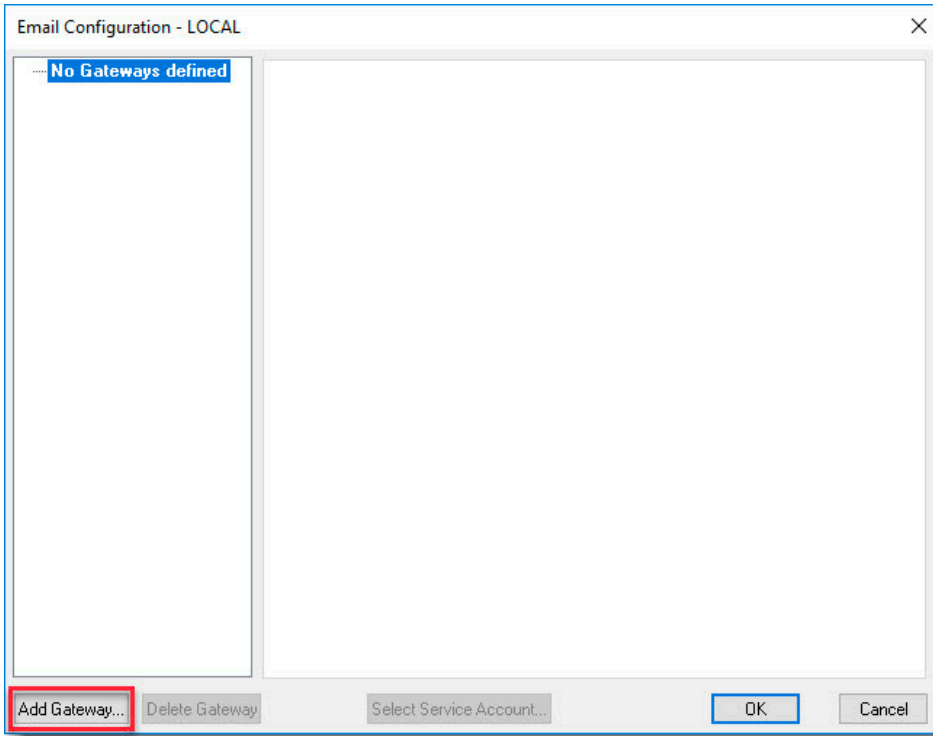


b. Open **Enterprise Fax Manager** click on **Start > RightFax > RightFax Enterprise Fax Manager**.

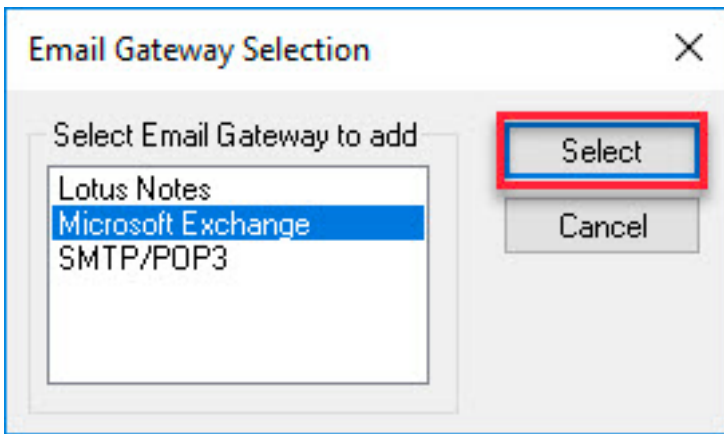
c. Within **EFM** highlight **Services** locate the **RightFax Email Gateway Module** double-click or right-click and from the menu select **Configure Service**.



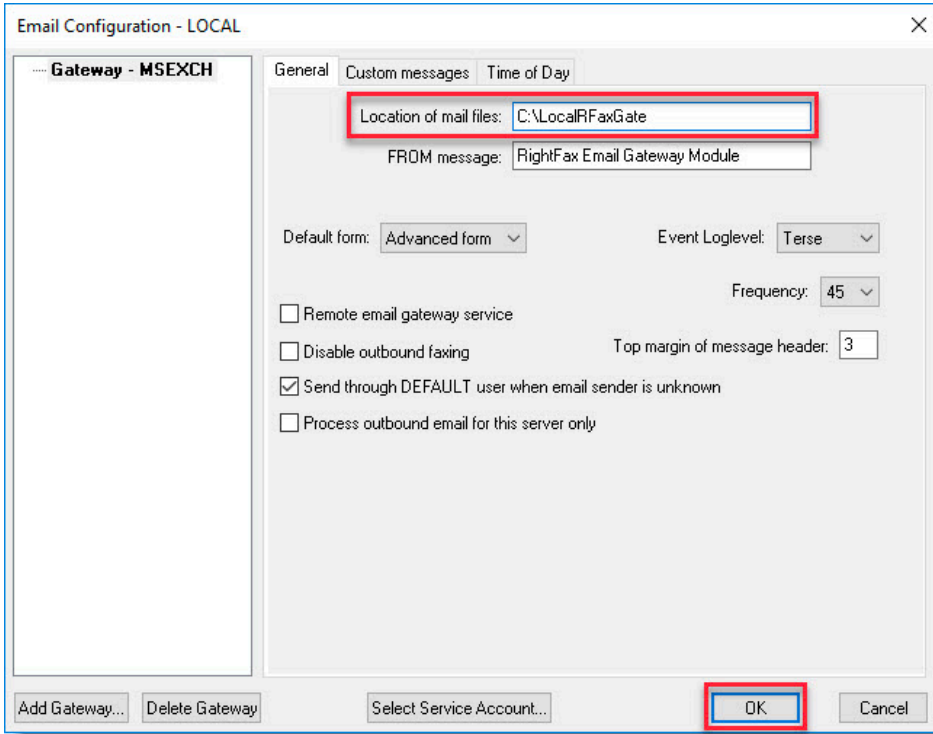
d. Within the **Email Configuration - Local** window select **Add Gateway**.



e. In the **Email Gateway Selection** window select **Microsoft Exchange** and click **Select**.

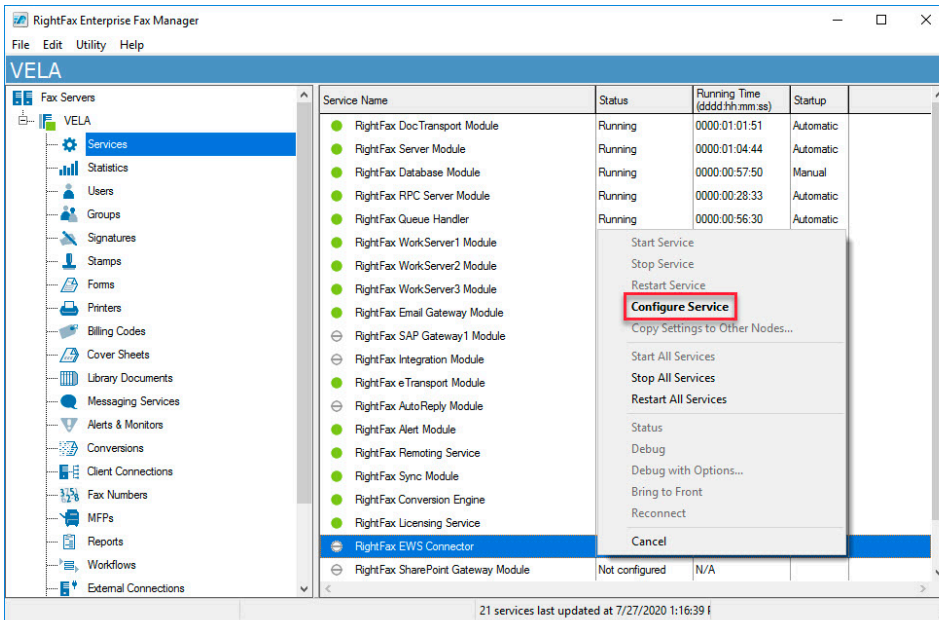


f. Within the **Gateway - MSEXCH** in the **Location of mail files**: enter the location of the **LocalRFaxGate** folder created in Step 1 and click **OK**.



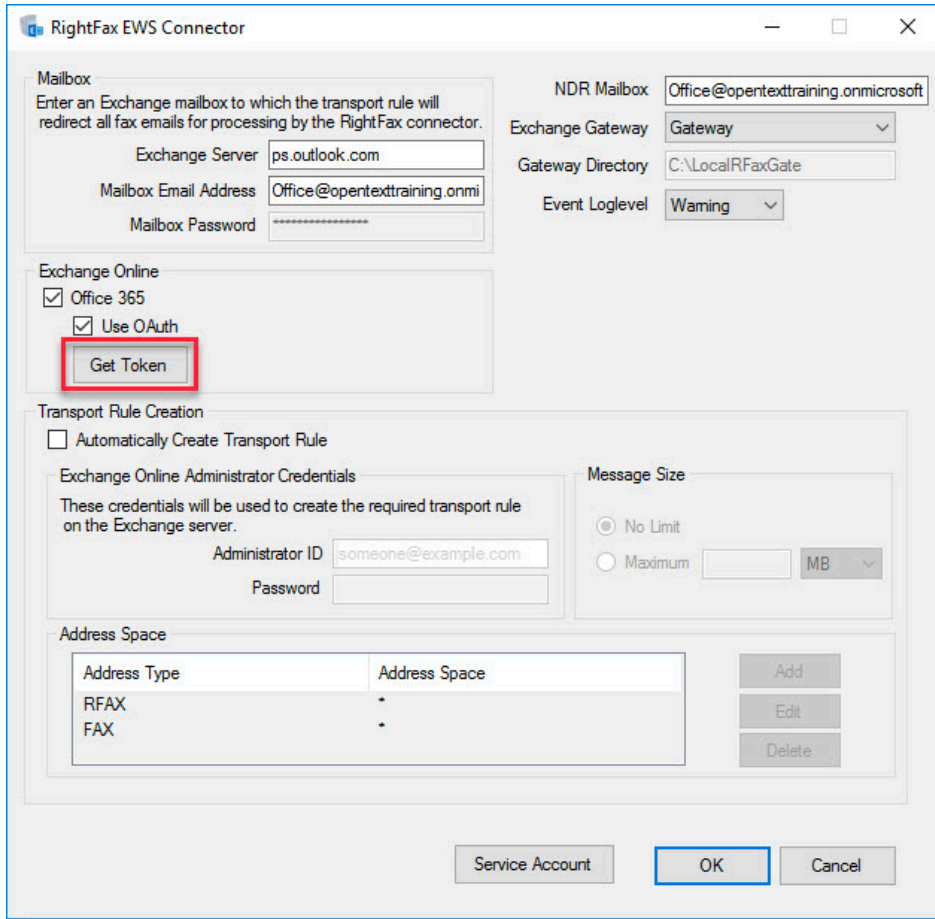
5. Configure the **RightFax EWS Connector** on the RightFax Server.

a. Within **EFM**, locate the **RightFax EWS Connector** double-click or right-click and from the menu select **Configure Service**.

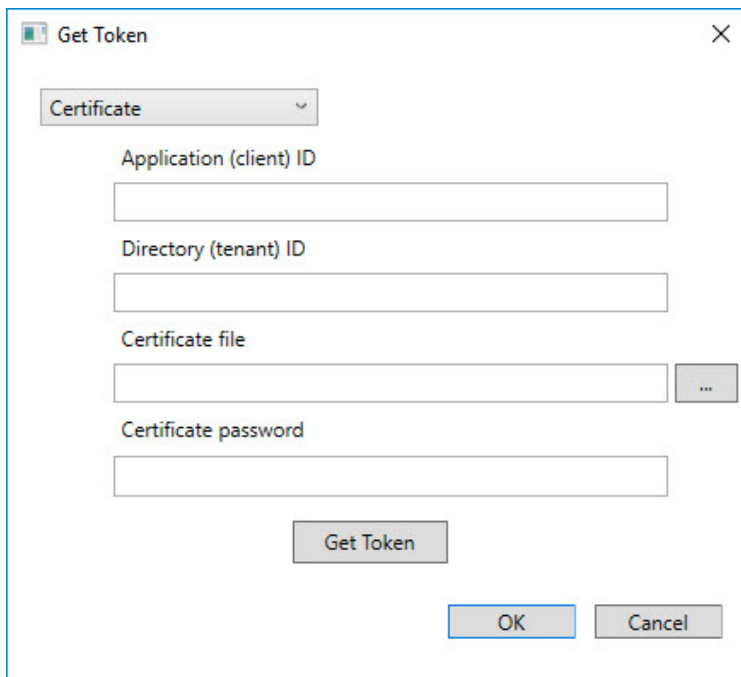


b. Within the **RightFax EWS Connector** screen enter the **NDR Mailbox** Information and **Mailbox** information.

c. Within the **Exchange Online** section select **Office 365**, select **Use OAuth**, and then click **Get Token**.



d. In the **Get Token** drop-down select Certificate.



e. Enter the **Application (client) ID** and **Directory (tenant) ID** (This information can be found under the AzureAD RightFax App overview **Section 3. Step 1.**)

Get Token

Certificate

Application (client) ID
2329ad44-7006-4662-a6af-16863bccbe50

Directory (tenant) ID
af3a957e-1f61-420d-a59b-f92b20143c72

Certificate file
...

Certificate password

Get Token

OK Cancel

f. For the **Certificate file** click the **ellipsis**, browse out to the location of the **.pfx** file created earlier and enter the password you used when creating the **.pfx** file and click **Get Token**.

Get Token

Certificate

Application (client) ID
2329ad44-7006-4662-a6af-16863bccbe50

Directory (tenant) ID
af3a957e-1f61-420d-a59b-f92b20143c72

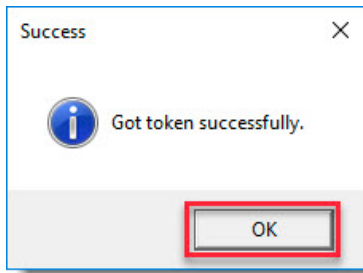
Certificate file
C:\EWS Cert\RightFax EWS.pfx

Certificate password
.....

Get Token

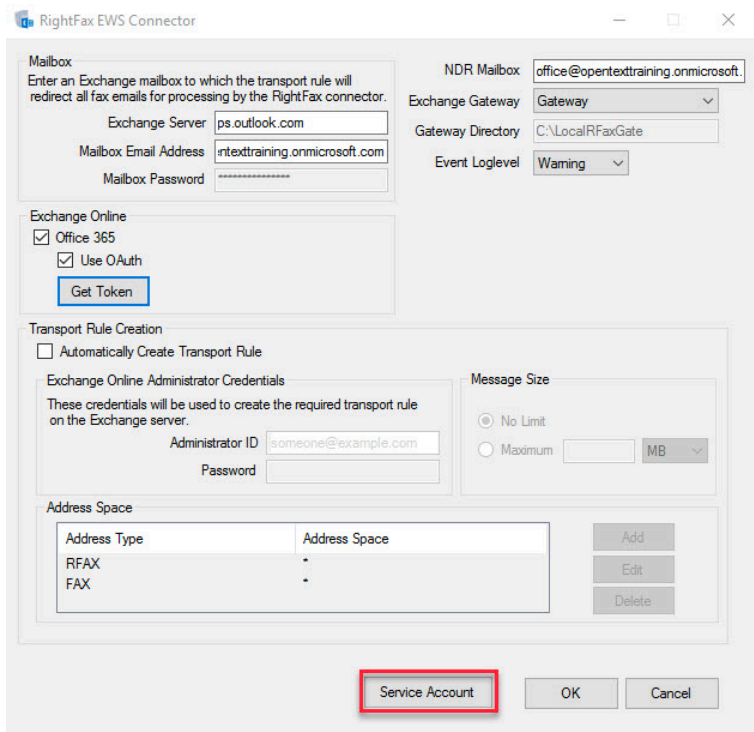
OK Cancel

g. Click **OK** to close the **Success** pop-up.

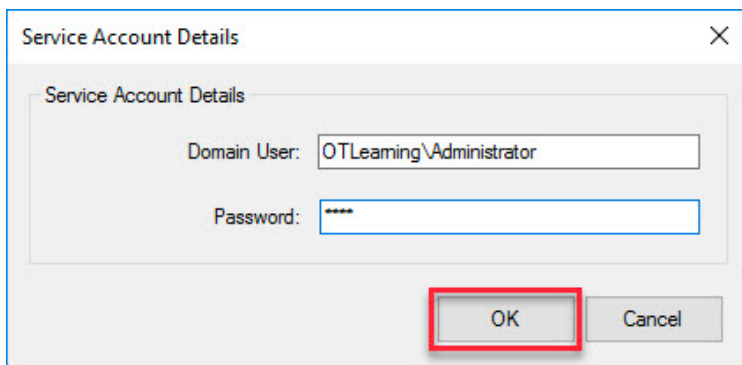


h. Click **OK** to close the **Get Token** window.

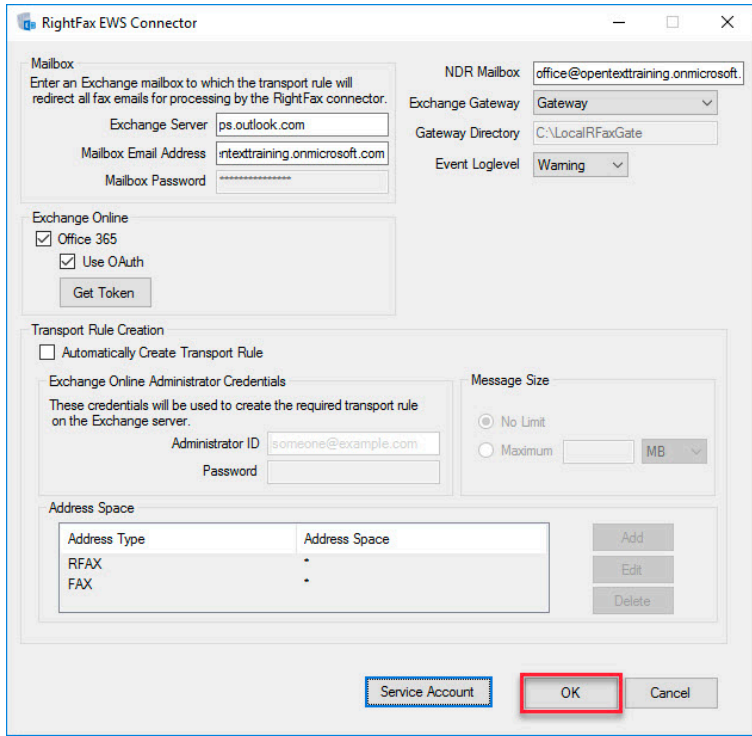
i. Within the **RightFax EWS Connector** screen select **Service Account**.



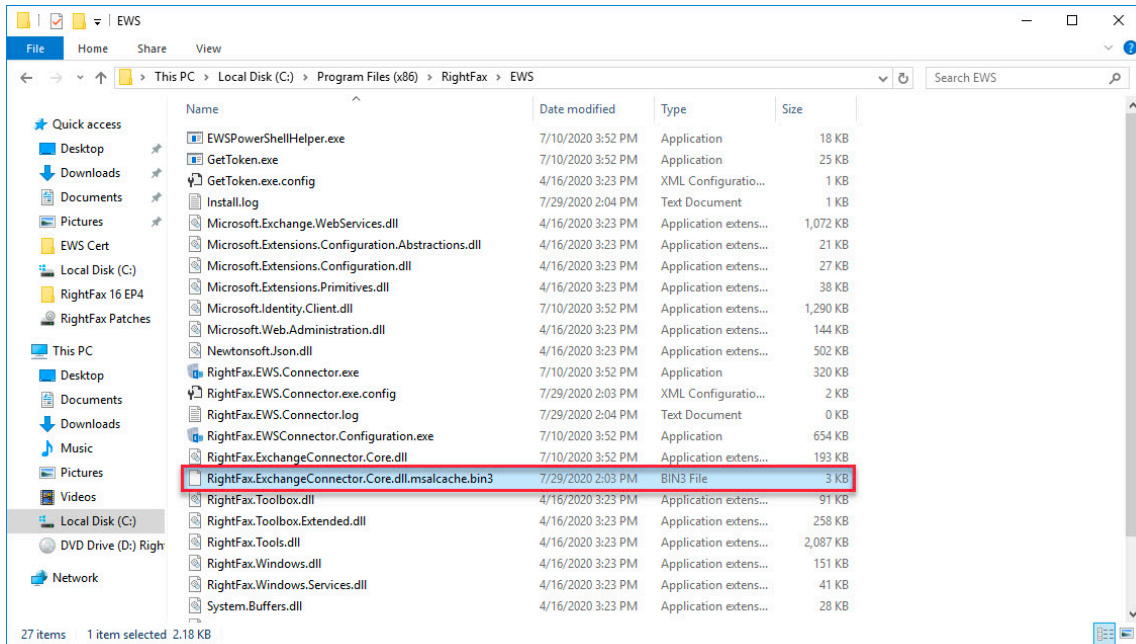
j. In the **Service Account Details** window enter the **Domain User** account, password and click **OK**.



k. Click **OK** to close the **RightFax EWS Connector** and start the service.



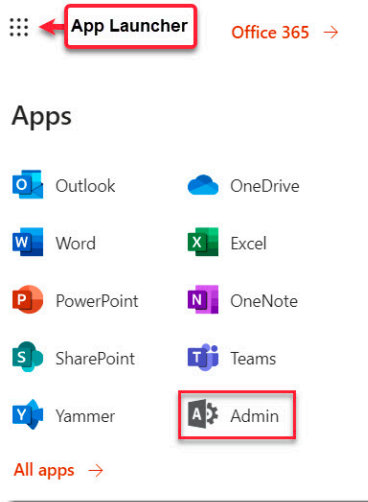
l. Verify the **RightFax.ExchangeConnector.Core.dll.msalcache.bin3** file is created under the **\RightFax\EWS** folder. (This file is created when the token for OAuth it successfully created.)



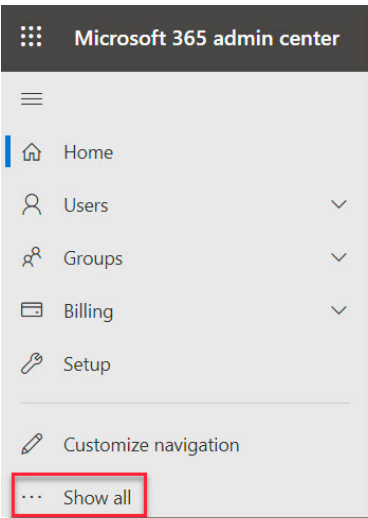
RightFax EWS Configuration for Exchange Online OAuth (Client Secret)

1. Add a new **App Registration** to **Azure AD**.

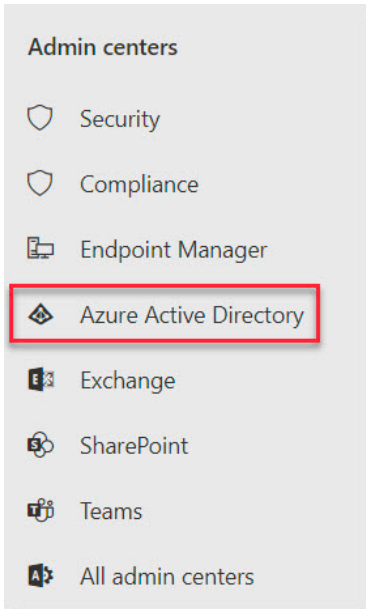
- a. Navigate to **www.office.com** and login to your Office 365 account.
- b. In the top left-hand corner of the page select the Office 365 **App Launcher** and select **Admin**.



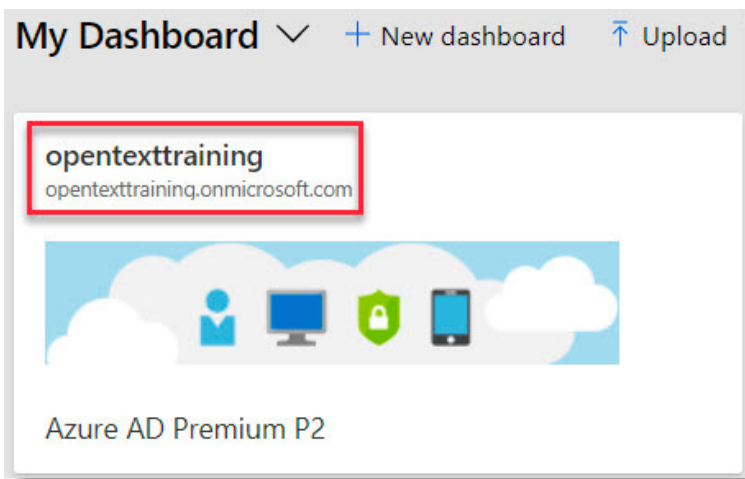
c. Within **Microsoft 365 Admin Center** select **Show All**.



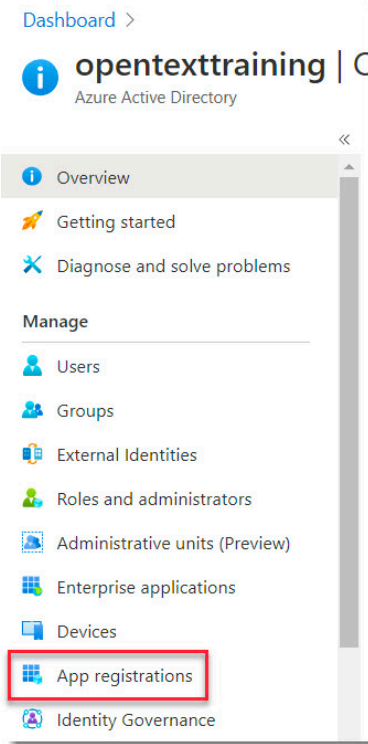
d. Under **Admin Centers** select **Azure Active Directory**.



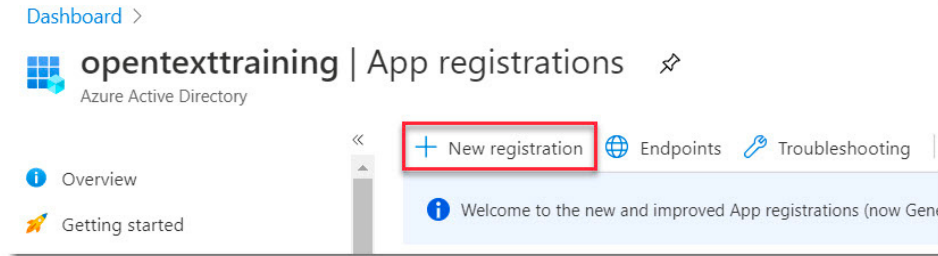
e. On the **My Dashboard** Screen select the Office 365 <Domain Name> **Dashboard**.



f. On the <Domain Name> **Dashboard** from the menu select **App Registrations**.



g. On the **App Registrations** section select **New Registration**.



h. On the **Register an Application** screen enter a **Name** and click **Register**.

[Dashboard](#) > [opentexttraining](#) | [App registrations](#) >

Register an application

* Name

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

Supported account types

Who can use this application or access this API?

- Accounts in this organizational directory only (opentexttraining 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)

[Help me choose...](#)

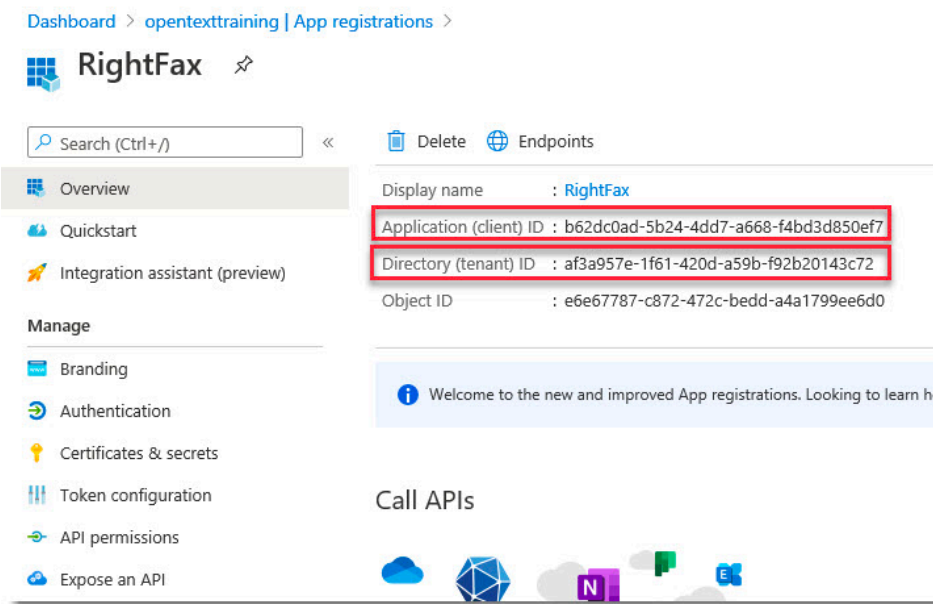
Redirect URI (optional)

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.

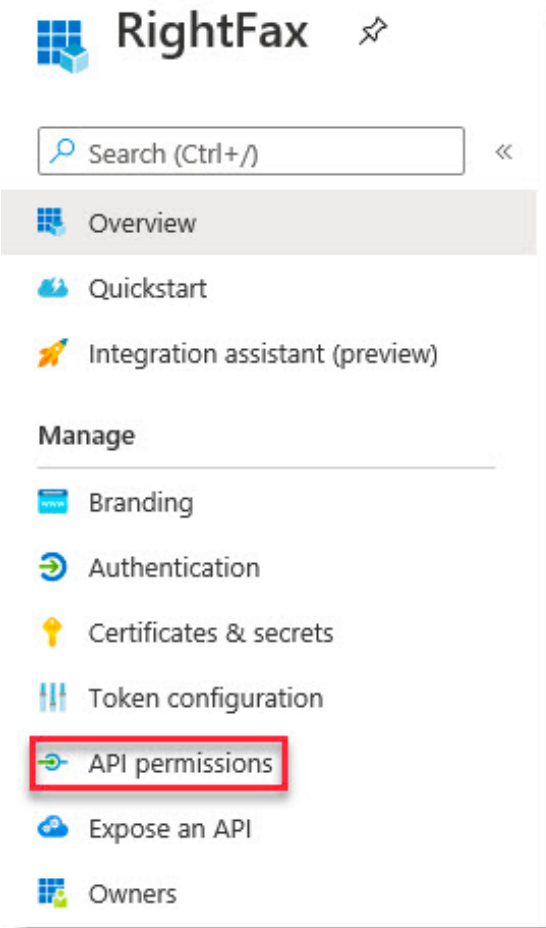
By proceeding, you agree to the [Microsoft Platform Policies](#) 

2. Configure the **App Registration Permissions** and generate the **Client Secret**.

- a. On the **App Registrations** overview screen make note of the **Application (client) ID** and **Directory (tenant) ID**.



- b. Under **Manage** menu select API Permissions.



c. On the **Configured Permissions** screen select **Add a permission**.

Dashboard > opentexttraining | App registrations >
RightFax | API permissions

Search (Ctrl+/) << Refresh

Overview
Quickstart
Integration assistant (preview)

Manage

- Branding
- Authentication
- Certificates & secrets
- Token configuration
- API permissions**
- Expose an API
- Owners

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the application. [Learn more about permissions and consent](#)

+ Add a permission Grant admin consent for opentexttraining

API / Permissions name	Type	Description
Microsoft Graph (1)		
User.Read	Delegated	Sign in and read user profile

d. On the **Request API Permissions** screen scroll down and under **Supported legacy APIs** select **Exchange**.

Request API permissions

- Azure Import/Export**
Programmatic control of import/export jobs
- Azure Key Vault**
Manage your key vaults as well as the keys, secrets, and certificates within your Key Vaults
- Azure Storage**
Secure, massively scalable object and data lake storage for unstructured and semi-structured data
- Customer Insights**
Create profile and interaction models for your products
- Data Export Service for Microsoft Dynamics 365**
Export data from Microsoft Dynamics CRM organization to an external destination
- Dynamics ERP**
Programmatic access to Dynamics ERP data
- OneNote**
Create and manage notes, lists, pictures, files, and more in OneNote notebooks
- PowerApps Runtime Service**
Powerful data storage, modeling, security and integration capabilities
- Speech**
Create powerful speech-enabled features using speech to text and text to speech conversion
- Universal Print**
Programmatic access to create and manage printer and print job resources

Supported legacy APIs

- Azure Active Directory Graph**
Programmatic access to directory data and objects
- Exchange**
A powerful, easy-to-use way to access and manipulate Exchange data

e. Within the **Request API Permissions** under **Exchange** select **Application permissions**.

Request API permissions

[< All APIs](#)

Exchange
https://outlook.office365.com/ [Docs](#)

What type of permissions does your application require?

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.

f. Under **Select Permissions** select **full_access_as_app** and then click **Add permissions**.

Request API permissions

[< All APIs](#)

Exchange
https://outlook.office365.com/ [Docs](#)

What type of permissions does your application require?

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.

Select permissions [expand all](#)

Permission	Admin consent required
<input checked="" type="checkbox"/> full_access_as_app Use Exchange Web Services with full access to all mailboxes ⓘ	Yes
> Calendars	
> Contacts	
> Exchange	
> Mailbox	
> MailboxSettings	
> Mail	
> Place	
> Tasks	
> User	

Add permissions
Discard

g. After adding the permission select **Grant admin consent for <Domain Name>**.

Dashboard > opentextraining | App registrations >
RightFax | API permissions

Search (Ctrl+/) Refresh

Overview
 Quickstart
 Integration assistant (preview)

Manage

Branding
 Authentication
 Certificates & secrets
 Token configuration
API permissions
 Expose an API
 Owners

⚠ You are editing permission(s) to your application, users will have to consent even if they've already done so previously.

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](#)

+ Add a permission **Grant admin consent for opentextraining**

API / Permissions name	Type	Description	Admin consent req...	Status
Exchange (1)				...
full_access_as_app	Application	Use Exchange Web Services with full access to all mailb...	Yes	⚠ Not granted for opente...
Microsoft Graph (1)				...
User.Read	Delegated	Sign in and read user profile	-	...

h. Click **Yes** to the “Do you want to grant consent for the requested permissions for all accounts in <Domain Name>” pop-up.

Do you want to grant consent for the requested permissions for all accounts in opentextraining? This will update any existing admin consent records this application already has to match what is listed below.

i. Under the Application menu under **Manage** select **Certificates & Secrets**.

Dashboard > opentextraining | App registrations >
RightFax | API permissions

Search (Ctrl+/) Refresh

Overview
 Quickstart
 Integration assistant (preview)

Manage

Branding
 Authentication
Certificates & secrets
 Token configuration
 API permissions
 Expose an API
 Owners
 Roles and administrators (Preview)

ℹ Successfully granted admin consent for the requested permissions.

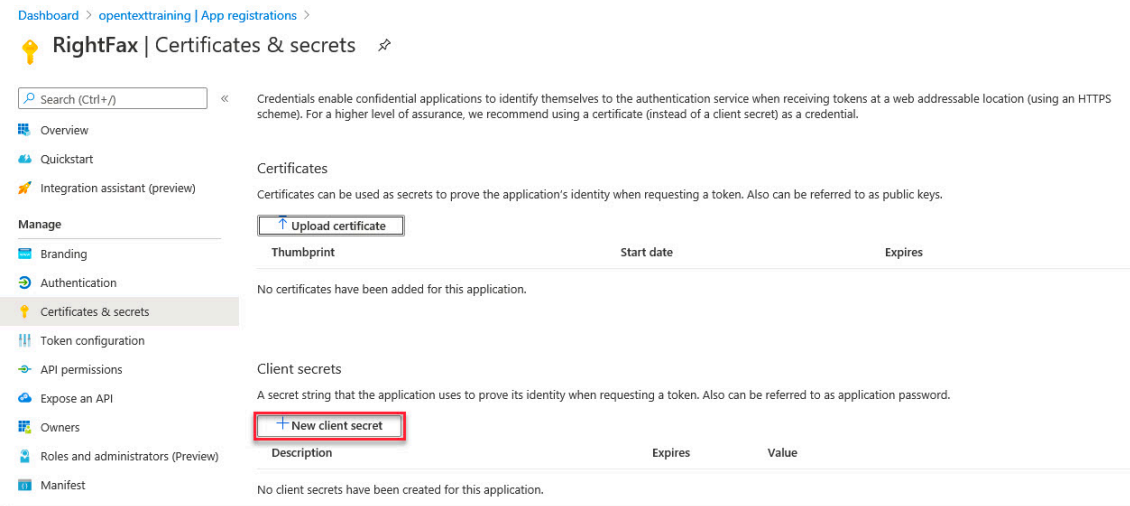
Configured permissions

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](#)

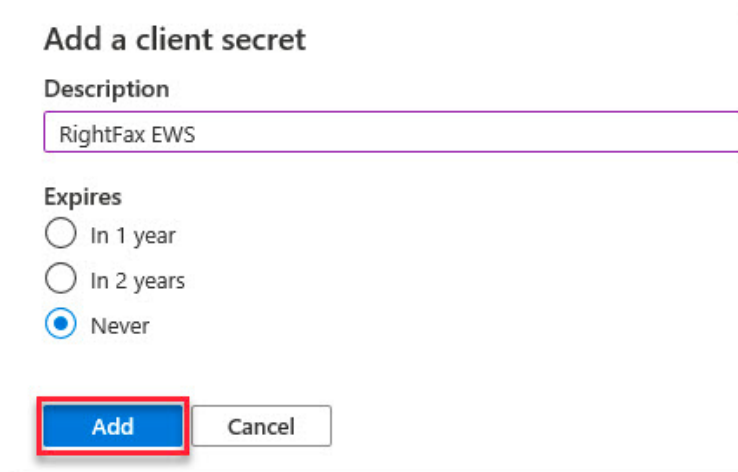
+ Add a permission Grant admin consent for opentextraining

API / Permissions name	Type	Description	Admin consent req...	Status
Exchange (1)				...
full_access_as_app	Application	Use Exchange Web Services with full access to all mailb...	Yes	✔ Granted for opentextrai...
Microsoft Graph (1)				...
User.Read	Delegated	Sign in and read user profile	-	✔ Granted for opentextrai...

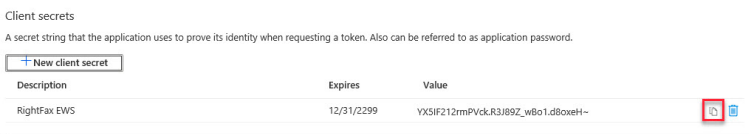
j. Within the **Certificates and Secrets** screen select **New Client Secret**.



k. Within the **Add a client secret** screen enter a **Description**, select the **Expiration**, and then click **Add**.



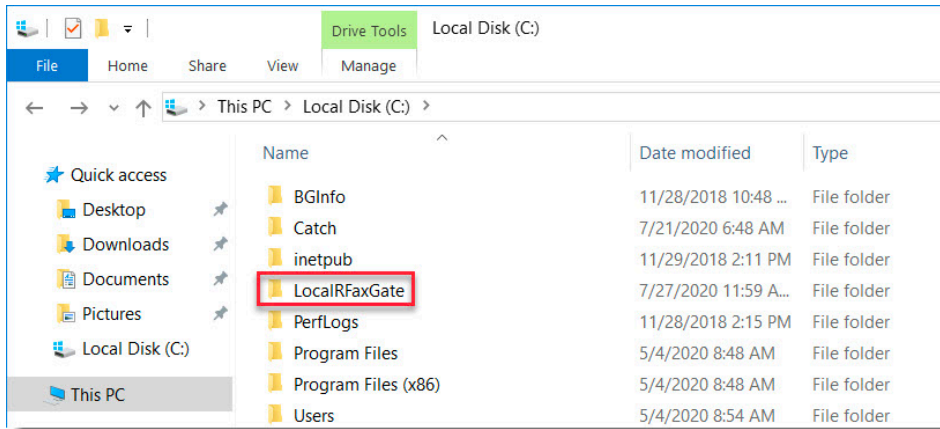
l. Once the **Client Secret** is created select the **Copy** icon and save the value this will be used to configure the RightFax EWS Connector. (**IMPORTANT: If you fail to copy the client secret value and leave this page you will not be able to recover the value as it becomes hidden. If this happens you will need to generate a new client secret.**)



Once you have saved the client secret value to a safe location next you will want to create the RightFax E-mail Gateway on the RightFax server.

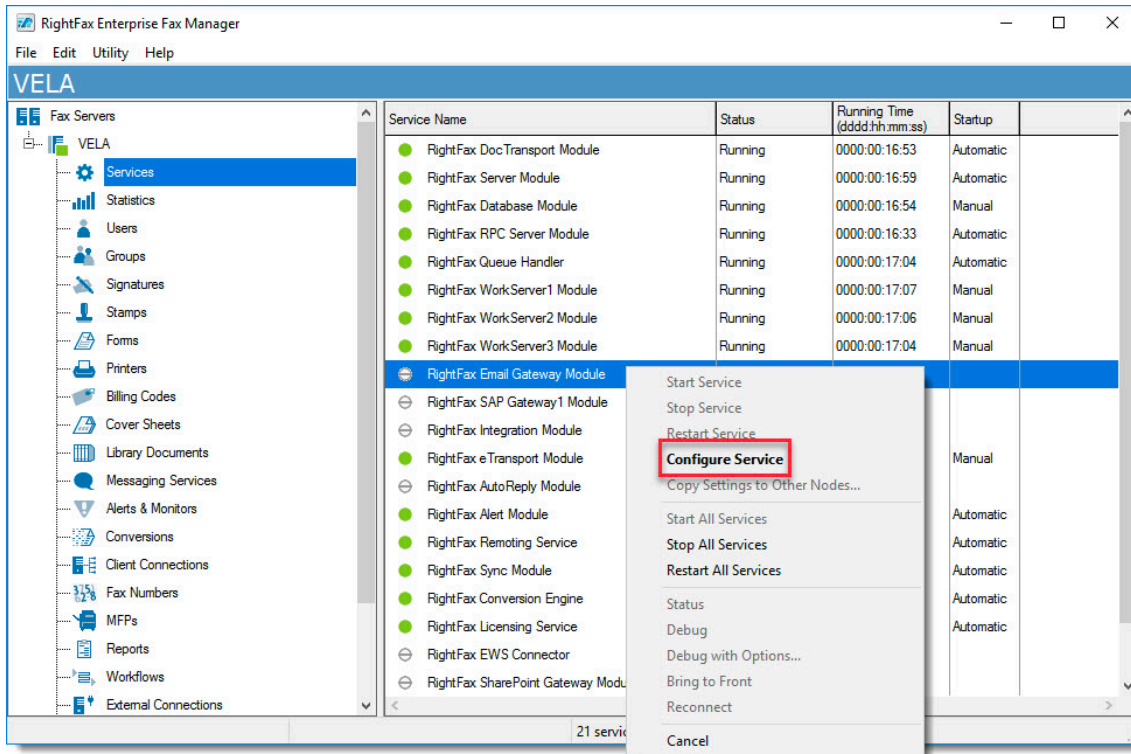
3. Configure the **RightFax Email Gateway** on the RightFax Server.

a. On the **RightFax** server create the **LocalRFaxGate** folder. (This will contain the IN and OUT folder for the RFXGate folder usage.)

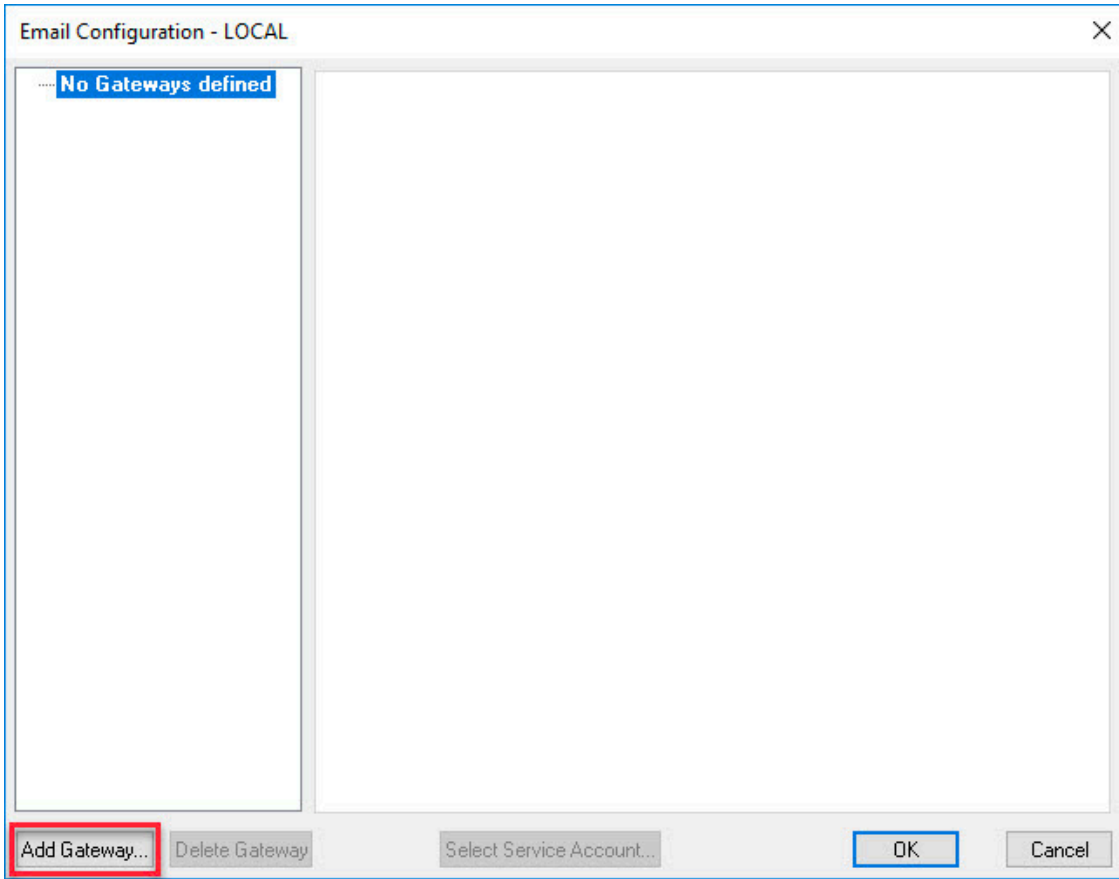


b. Open **Enterprise Fax Manager** click on **Start > RightFax > RightFax Enterprise Fax Manager**.

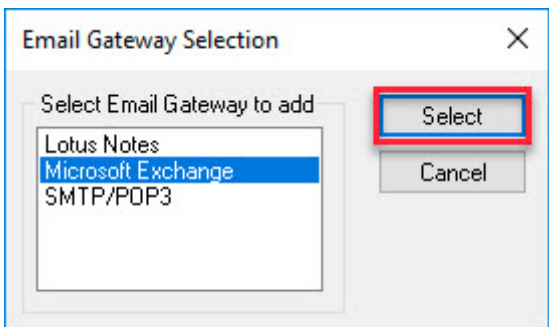
c. Within **EFM** highlight **Services** locate the **RightFax Email Gateway Module** double-click or right-click and from the menu select **Configure Service**.



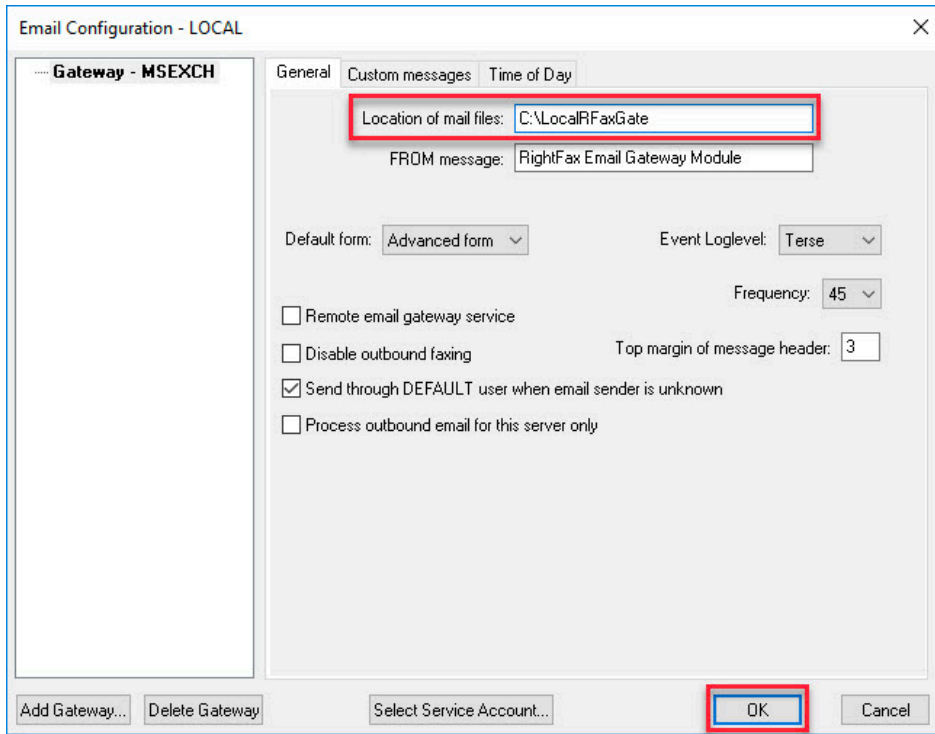
d. Within the **Email Configuration - Local** window select **Add Gateway**.



e. In the **Email Gateway Selection** window select **Microsoft Exchange** and click **Select**.

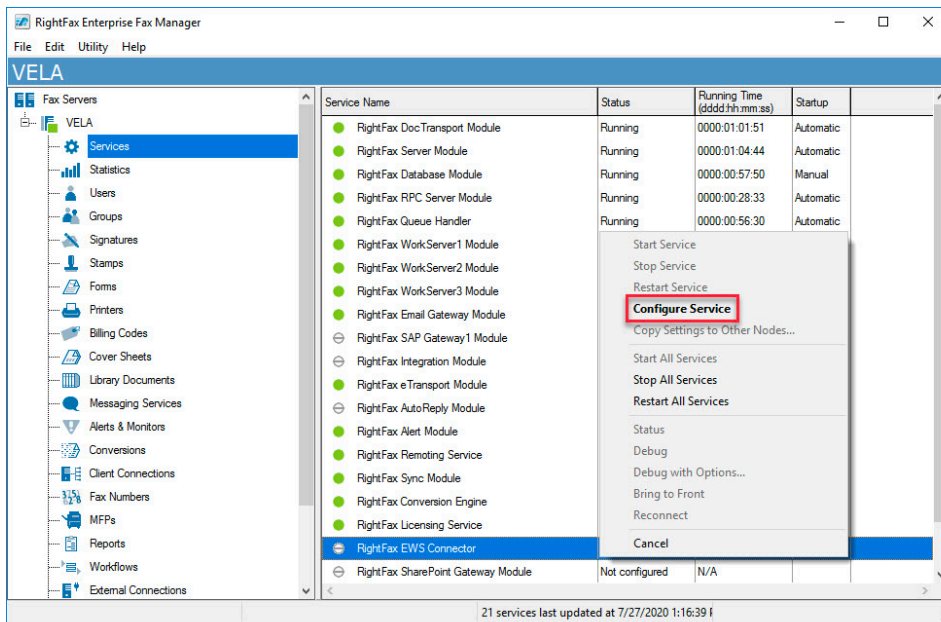


f. Within the **Gateway - MSEXCH** in the **Location of mail files:** enter the location of the **LocalRFaxGate** folder created in Step 1 and click **OK**.



4. Configure the **RightFax EWS Connector** on the RightFax server.

a. Within **EFM**, locate the **RightFax EWS Connector** double-click or right-click and from the menu select **Configure Service**.



b. Within the **RightFax EWS Connector** screen enter the **NDR Mailbox** Information and **Mailbox** information.

RightFax EWS Connector

Mailbox
Enter an Exchange mailbox to which the transport rule will redirect all fax emails for processing by the RightFax connector.

Exchange Server: ps.outlook.com
Mailbox Email Address: Office@opentexttraining.onmi
Mailbox Password: [redacted]

NDR Mailbox: s@Opentexttraining.onmicrosoft.com

Exchange Gateway: Gateway
Gateway Directory: C:\LocalRFaxGate
Event Loglevel: Warning

Exchange Online
 Office 365
 Use OAuth
Get Token

Transport Rule Creation
 Automatically Create Transport Rule

Exchange Administrator Credentials
These credentials will be used to create the required transport rule on the Exchange server.
Administrator ID: someone@example.com
Password: [redacted]

Message Size
 No Limit
 Maximum [] MB

Address Space

Address Type	Address Space
RFAX	.
FAX	.

Buttons: Service Account, OK, Cancel

c. Within the **Exchange Online** section select **Office 365**, select **Use OAuth**, and then click **Get Token**.

Get Token

Client Secret

Application (client) ID
b62dc0ad-5b24-4dd7-a668-f4bd3d850ef7

Directory (tenant) ID
af3a957e-1f61-420d-a59b-f92b20143c72

Client secret

Get Token

OK Cancel

d. Copy the previously saved client secret and paste it in the **Client Secret** field and then click **Get Token**.

Get Token

Client Secret

Application (client) ID
b62dc0ad-5b24-4dd7-a668-f4bd3d850ef7

Directory (tenant) ID
af3a957e-1f61-420d-a59b-f92b20143c72

Client secret

Get Token

OK Cancel

e. Click **OK** to the **Success** pop-up and then click **OK** to close the **Get Token** window.

f. On the **RightFax EWS Connector** screen select **Service Account**.

RightFax EWS Connector

Mailbox
Enter an Exchange mailbox to which the transport rule will redirect all fax emails for processing by the RightFax connector.

Exchange Server: ps.outlook.com
Mailbox Email Address: Office@opentextraining.onmi
Mailbox Password: [Redacted]

NDR Mailbox: Office@Opentextraining.onmicrosoft
Exchange Gateway: Gateway
Gateway Directory: C:\LocalRFaxGate
Event Loglevel: Warning

Exchange Online
 Office 365
 Use OAuth
Get Token

Transport Rule Creation
 Automatically Create Transport Rule

Exchange Online Administrator Credentials
These credentials will be used to create the required transport rule on the Exchange server.
Administrator ID: someone@example.com
Password: [Redacted]

Message Size
 No Limit
 Maximum [] MB

Address Type	Address Space
RFAX	.
FAX	.

Buttons: Service Account, OK, Cancel

g. In the **Server Account Details** window enter the **Domain User** account, **Password** and click **OK**.

Service Account Details

Service Account Details

Domain User: OTLearning\Administrator
Password: ****

Buttons: OK, Cancel

h. Click **OK** to close the **RightFax EWS Connector** and start the service.

RightFax EWS Connector

Mailbox
Enter an Exchange mailbox to which the transport rule will redirect all fax emails for processing by the RightFax connector.

Exchange Server: ps.outlook.com
Mailbox Email Address: intextraining.onmicrosoft.com
Mailbox Password: [Redacted]

NDR Mailbox: office@opentextraining.onmicrosoft.
Exchange Gateway: Gateway
Gateway Directory: C:\LocalRFaxGate
Event Loglevel: Warning

Exchange Online
 Office 365
 Use OAuth
Get Token

Transport Rule Creation
 Automatically Create Transport Rule

Exchange Online Administrator Credentials
These credentials will be used to create the required transport rule on the Exchange server.
Administrator ID: someone@example.com
Password: [Redacted]

Message Size
 No Limit
 Maximum [] MB

Address Space

Address Type	Address Space
RFAX	.
FAX	.

Buttons: Service Account, **OK**, Cancel



Advantage Technologies

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About Advantage

Advantage Technologies has been providing on-premise and cloud-based enterprise fax and automated electronic document delivery solutions for over 20 years. Our team has completed thousands of successful system deployments worldwide in such industries as finance, insurance, banking, government, manufacturing, transportation, and healthcare.

Our North American helpdesk and sales team are certified on OpenText RightFax, Alchemy, RightFax Connect, Secure Mail, Secure MFT, Brooktrout fax boards and FoIP software, Dialogic Media Gateways, Sonus Fax Gateways, and cloud-based fax solutions. Advantage Technologies is a leading OpenText Platinum Partner and Authorized Support Partner (ASP).

Throughout our partnership with OpenText, Advantage has been recognized as RightFax Partner of the Year, IX Partner of the Year, and an IX Partner Leader.

opentext™ | Partner
Support

opentext™ | Partner
Distributor

opentext™ | Partner
Reseller Platinum