PoliteMail

Bring Your Own Cloud Deployment Guide

PoliteMail v.21.5.0.0.1
August 2021

What is Bring Your Own Cloud? (BYOC)

In PoliteMail 5.0, you can now deploy a “bring your own cloud” infrastructure using Microsoft Azure. Compared to traditional on-premises deployment, BYOC offers a more streamlined setup process using cloud services.

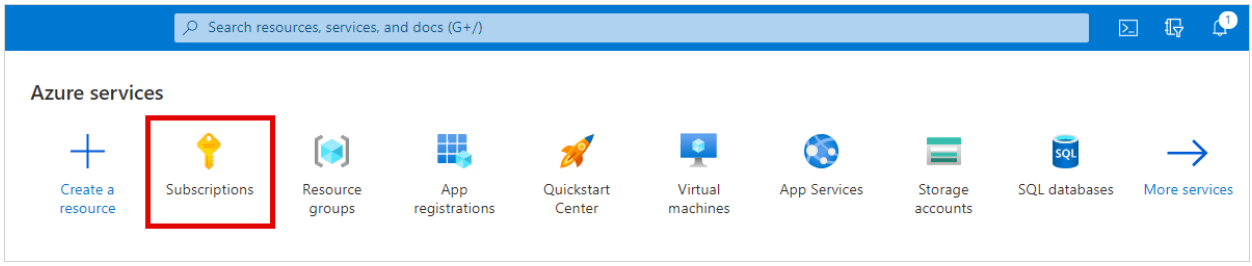
For PoliteMail to deploy your BYOC infrastructure, you will need the following information from your Microsoft Azure services:

- Subscription Name
- Subscription ID
- Application (client) ID
- Directory (tenant) ID
- Client Secret

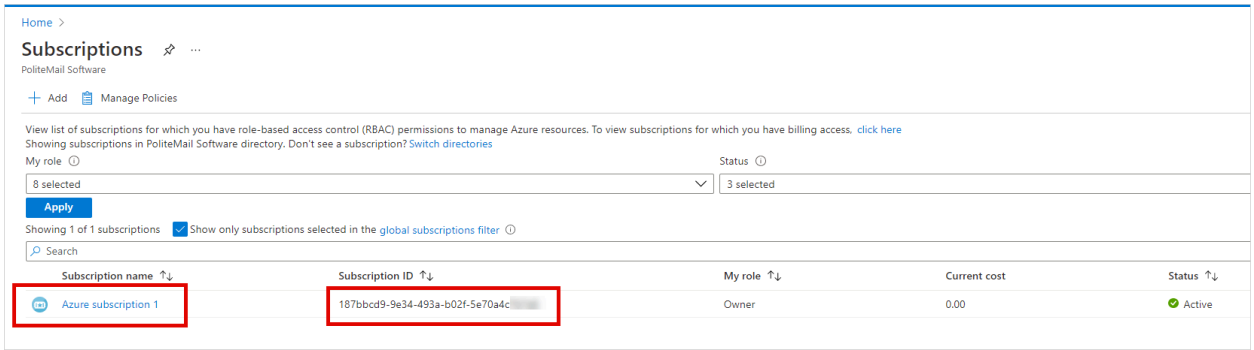
With this information, PoliteMail technicians can add your service connection and fully deploy the PoliteMail infrastructure for your company.

Locate Your Subscription Name and Subscription ID

To locate your subscription information, go to your Azure Portal and sign into your Microsoft Azure account. Then click **Subscriptions**. If you don’t see Subscriptions listed under your Azure services, use the search bar to locate it.



You’ll see your Subscription name and Subscription ID. Copy both values to a place you can easily access, such as your clipboard or a word document.

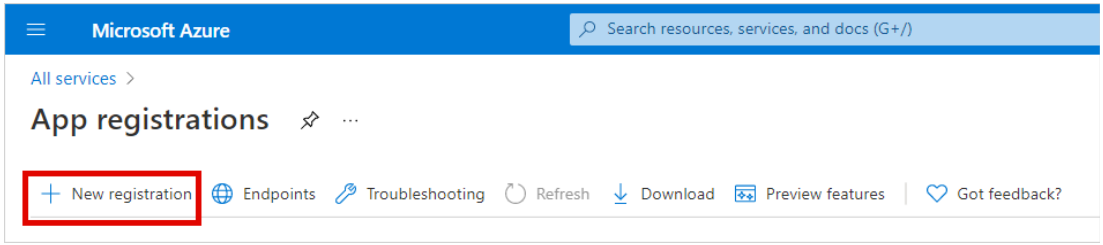


PoliteMail

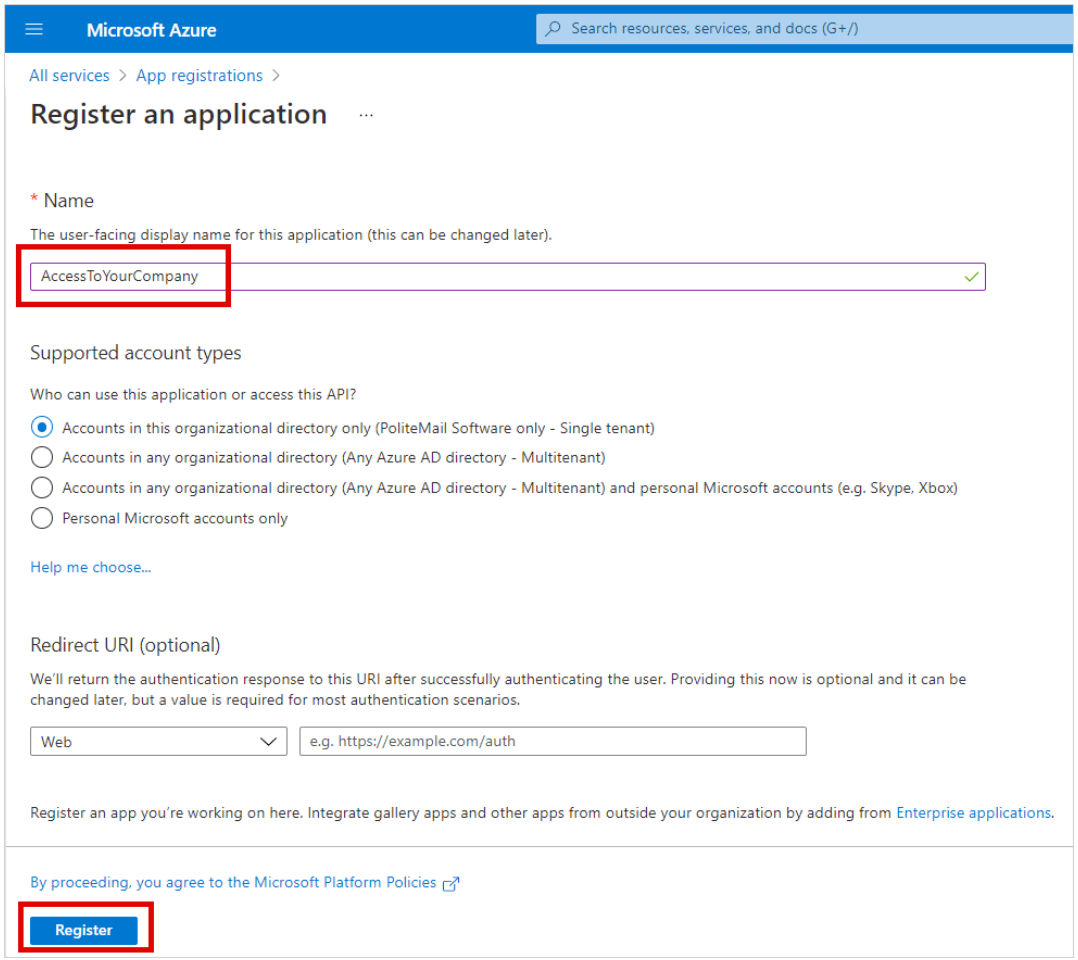
Create A New App Registration

Next, you will need to create a new app registration. This allows you to set security permissions for your (to-be-created) resource group and give PoliteMail permission to create the resources needed for deployment.

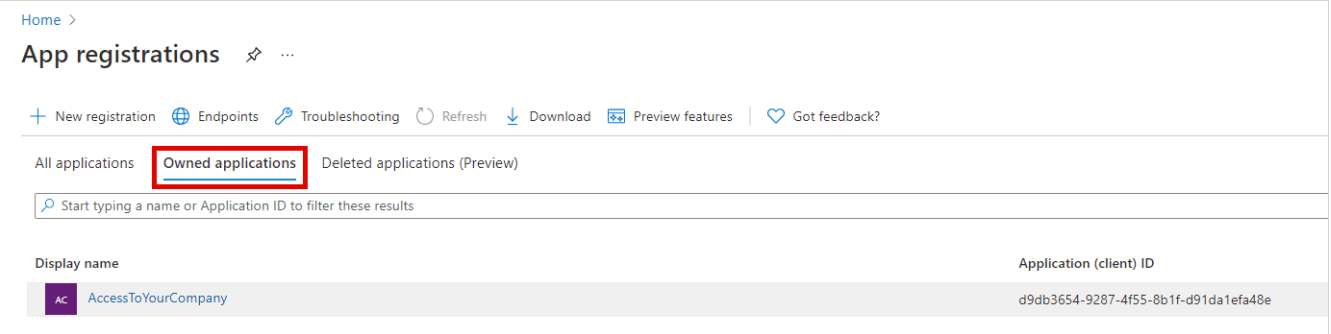
Navigate to **Home > App Registration**. Click **New registration**.



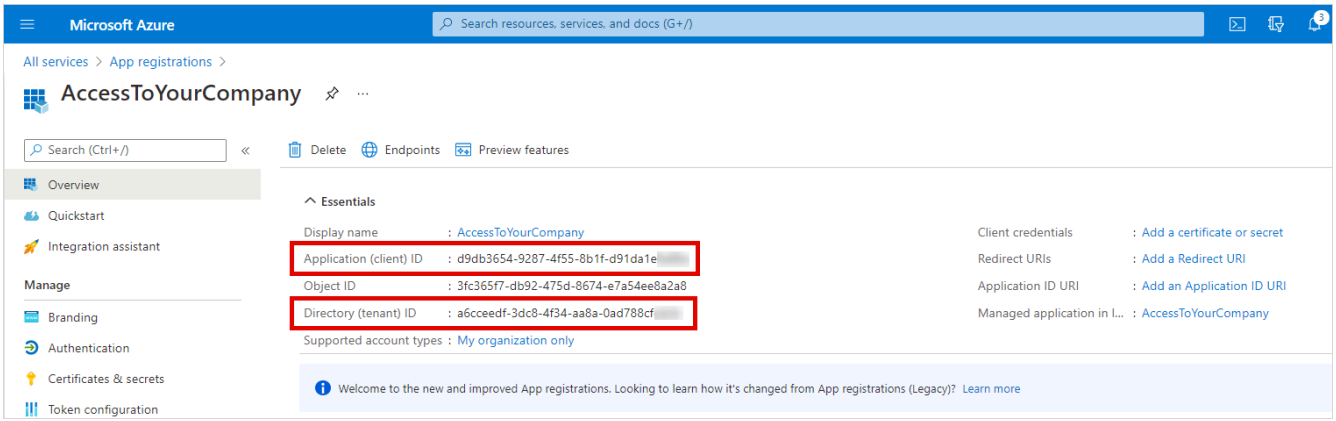
Enter a name for the application. Then click **Register**.



Once your app registration is created, you will see it under listed Owned applications. Click on your new app registration.

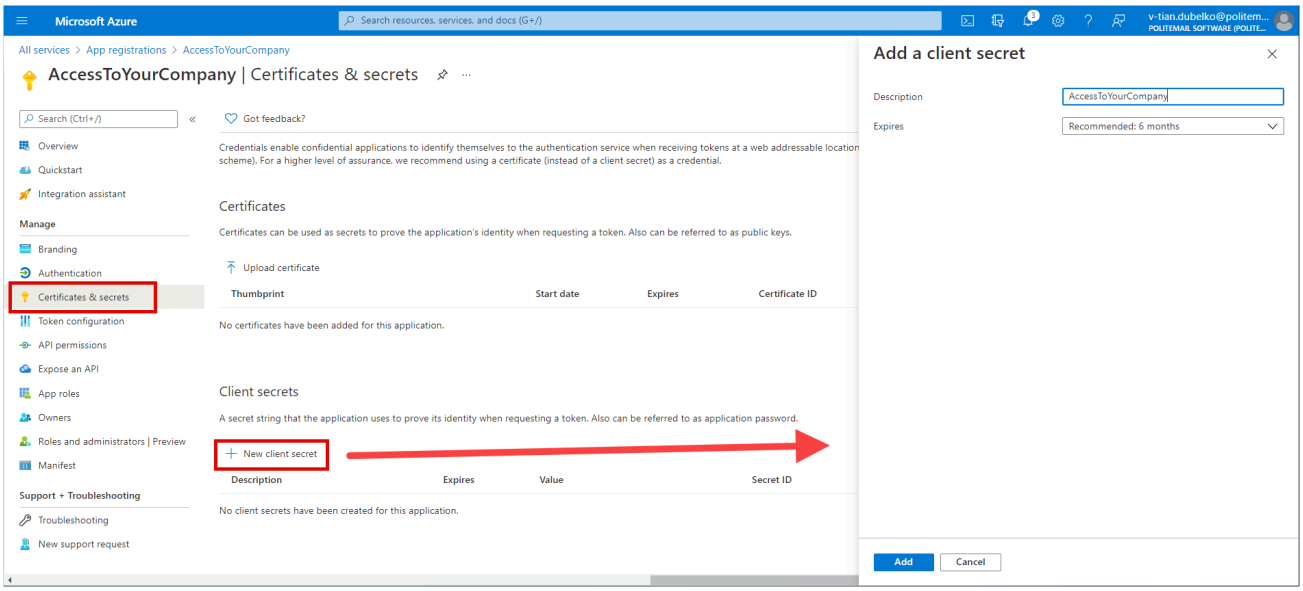


Copy the values for Application (client) ID and the Directory (tenant) ID to a place you can easily access. PoliteMail will need this information to finish setting up deployment.

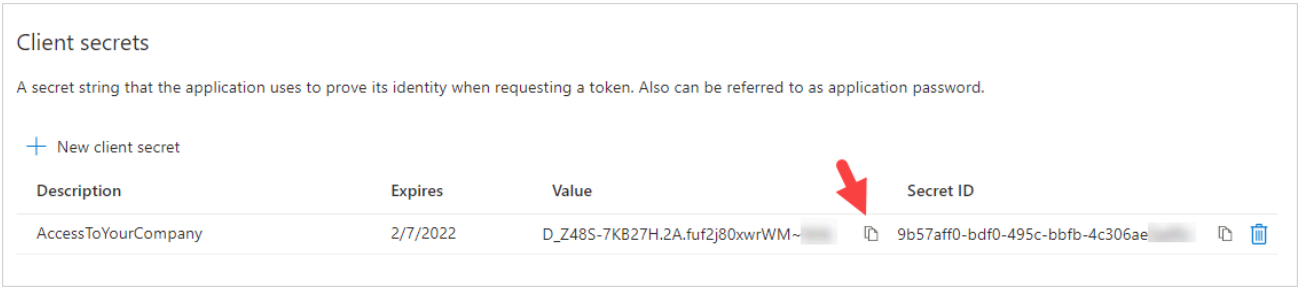


Create A Client Secret

After you have created your new app registration, you will need to create a client secret. Click on Certificates & secrets. Then click **New client secret**. Depending on your company's security policy, you may upload a certification instead of creating a new secret.



Once added, you will see your new client secret. Copy this unique value to a place you can easily access.

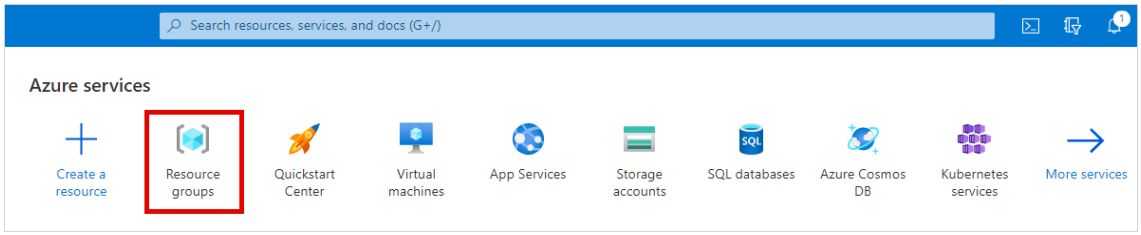


PoliteMail

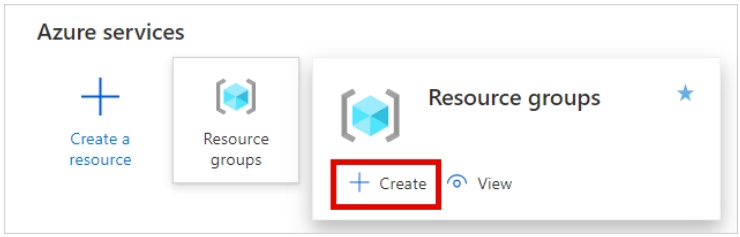
Create A New Resource Group

Next, you'll need to create a new resource group. This is where your BYOC infrastructure will be managed and stored.

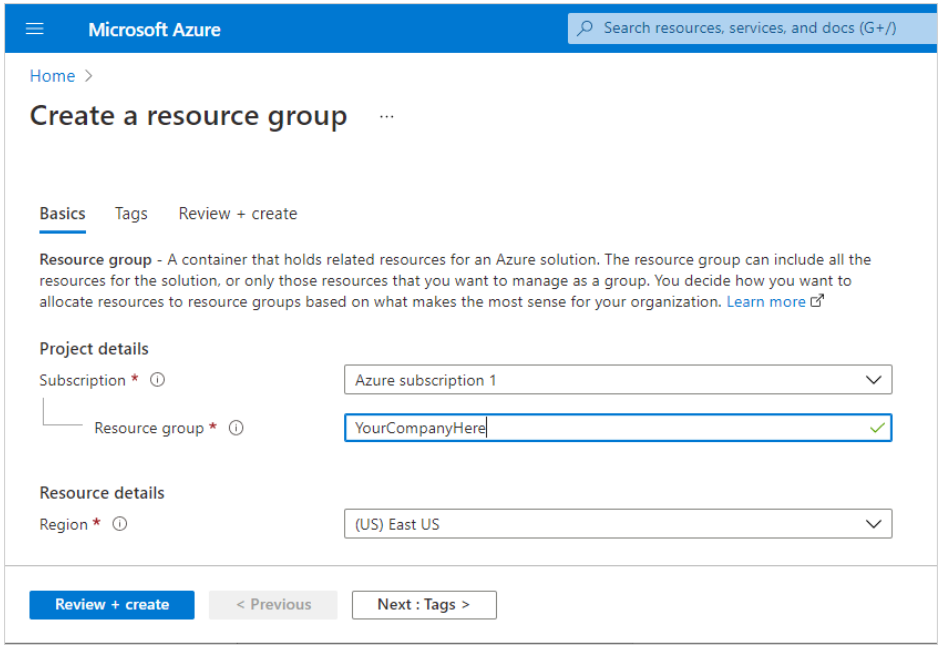
On the Azure home page, locate **Resource groups** under Azure services.



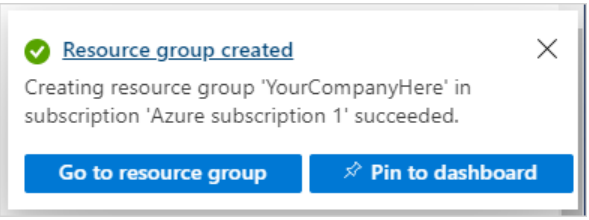
Hover your mouse over the icon for Resource groups to open the pop-up window. Click Create.



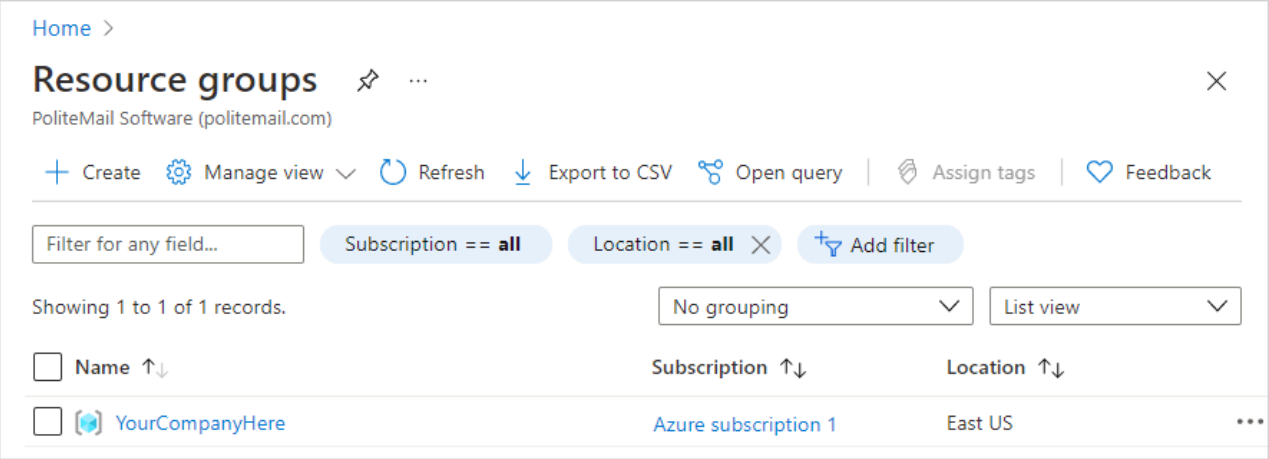
On the next page, you'll be asked to give your resource group a name. You can also add tags to the new resource group. Click **Review+Create** to review your current information. Then click **Create** to finalize your new resource group.



You will see a confirmation message if the creation process was successful.

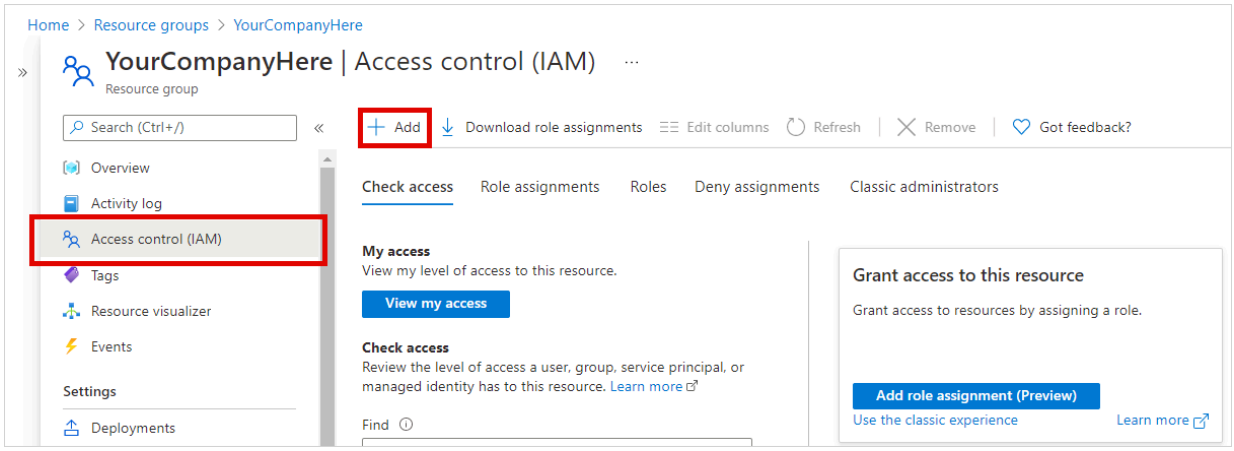


You can view your new resource group via **Home > Resource groups**.

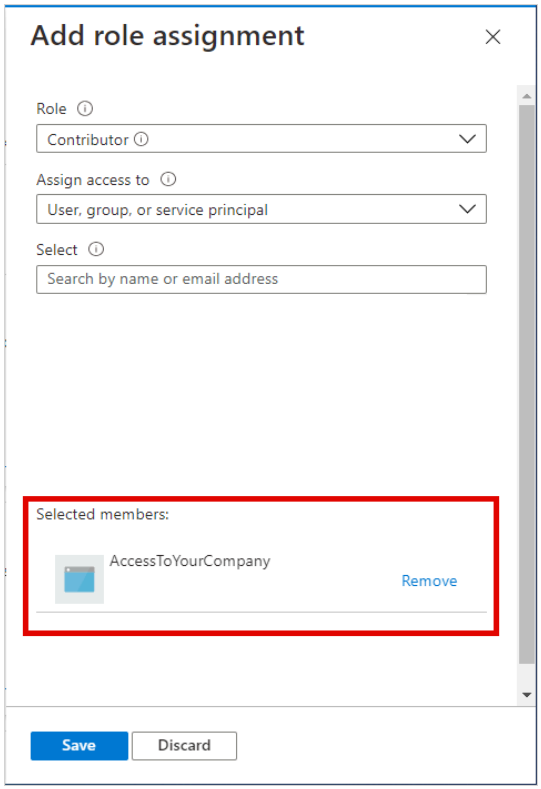


Give PoliteMail Permission to Your Resource Group

Finally, PoliteMail will need access to your new resource group to create resources to deploy your BYOC infrastructure. Navigate back to your newly created resource group via **Home > Resource groups**. Open your created resource group. Click **Access Control (IAM)**. Then click **Add** to add a new role assignment.

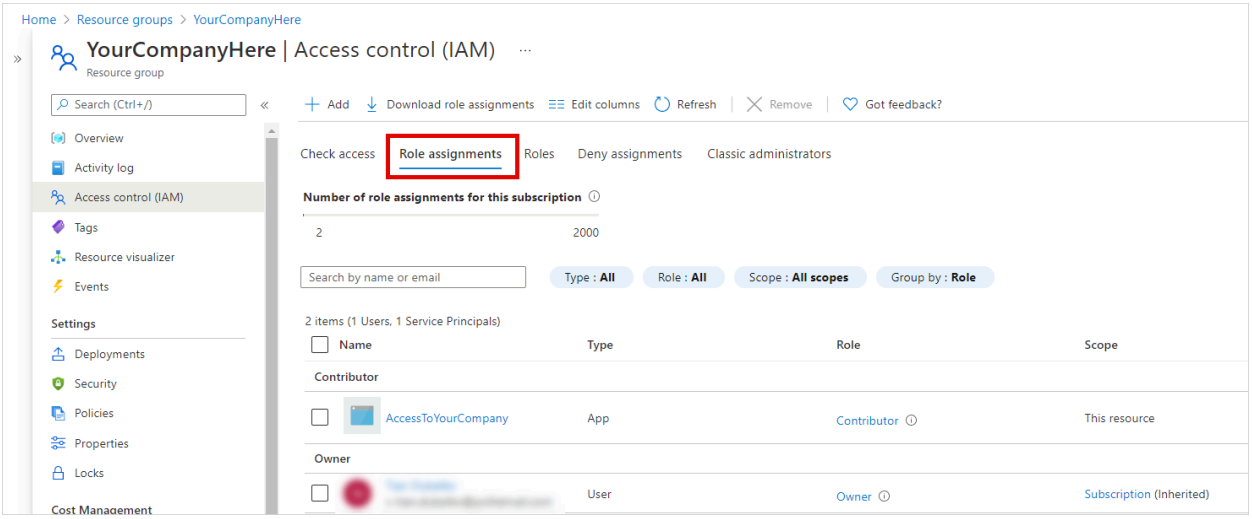


Set the role as Contributor. Under Select, type in the name of your new app registration. Click **Save**.



This gives the app registration you just created contributor access to this specific resource group. Now PoliteMail will have admin access to that resource group, allowing PoliteMail technicians to use that app registration to create the resources needed for deployment.

If the creation process was successful, you will see your new created role under Role assignments.



Finalizing Your BYOC Deployment

Now that you have created a new resource group, a new app registration, and a new client secret, your BYOC deployment is ready for implementation.

Contact your PoliteMail customer service representative and share with them the following information:

- Subscription Name
- Subscription ID
- Application (client) ID
- Directory (tenant) ID
- Client Secret

PoliteMail technicians will then create and finalize all the resources needed to fully deploy your BYOC infrastructure. This process can take up to several hours.

Once your BYOC infrastructure is up and running, we recommend you revoke PoliteMail's access to your resource group. In the list of role assignments, add a checkmark next to PoliteMail's contributor role. Click Remove. In the remove role assignment message that appears, click Yes.