



Pragma Email Designer Installation Guide

Document Version History

#	Date	Author	Reason	Version
1	05/10/17	Pragmasys	Initial Version	0.1

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1. Pragma Email Designer

1.1 Introduction

Pragma Email Designer provides functionality to store email templated images on Azure Cloud
Some important features: -

- Easy to Configure Azure Connection in Azure Configuration Entity
- There is no need of external server for image hosting i.e. only one-time setup is required
- User can create good look and feel email template and Email using pragma Email Designer

2. Supported MS Dynamics CRM versions

- Microsoft Dynamics 365 online and on-premise version.

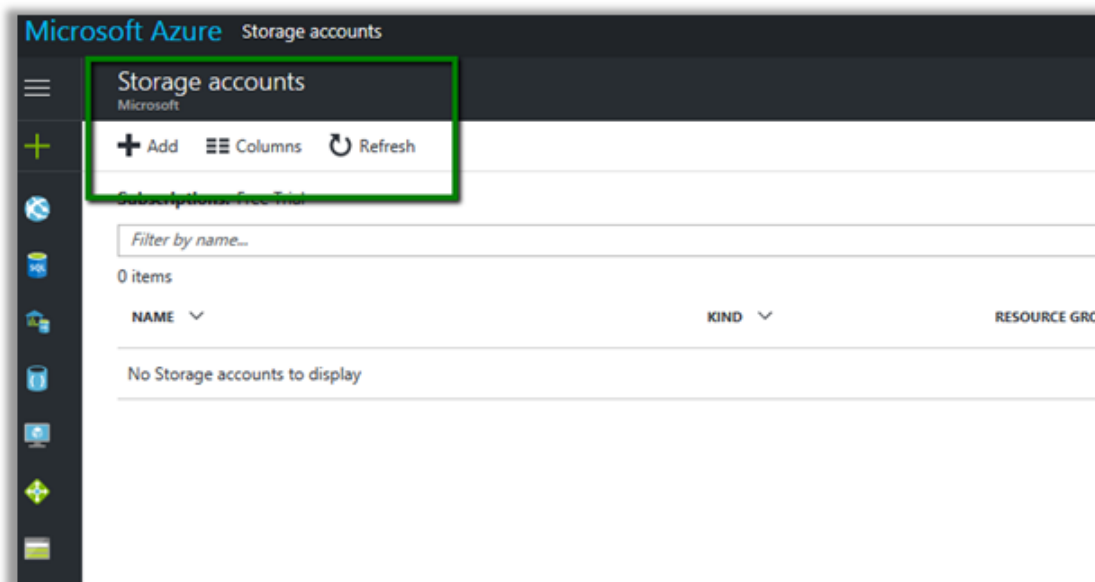
3. Azure Storage Creation process

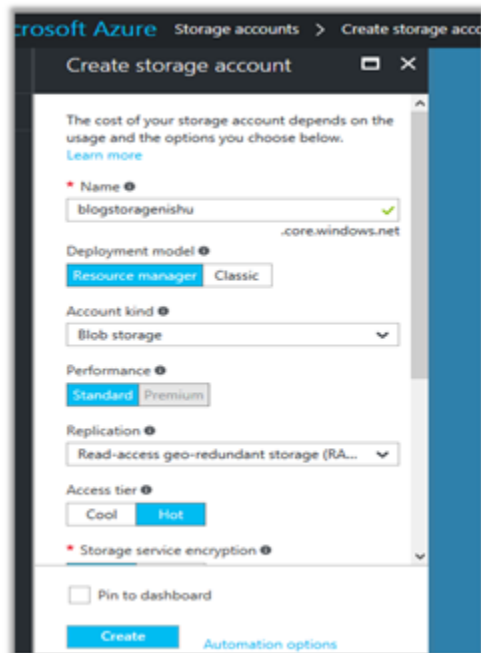
Microsoft Azure Storage is a Microsoft-managed cloud service that provides storage that is highly available, secure, durable, scalable, and redundant. Azure Storage consists of Blob storage, File Storage, and Queue storage.

<https://docs.microsoft.com/en-us/azure/storage/common/storage-introduction>

1. Steps to Configure Azure Storage Account

- Log in to Azure Portal
<https://portal.azure.com>
- Click on Add to add a new storage account









Microsoft Azure Storage accounts > Create storage account


Create storage account


The cost of your storage account depends on the usage and the options you choose below. [Learn more](#)


* Name 
 blogstoragenishu 
 .core.windows.net


Deployment model 
 Resource manager Classic

Account kind 
 Blob storage

Performance 
 Standard Premium

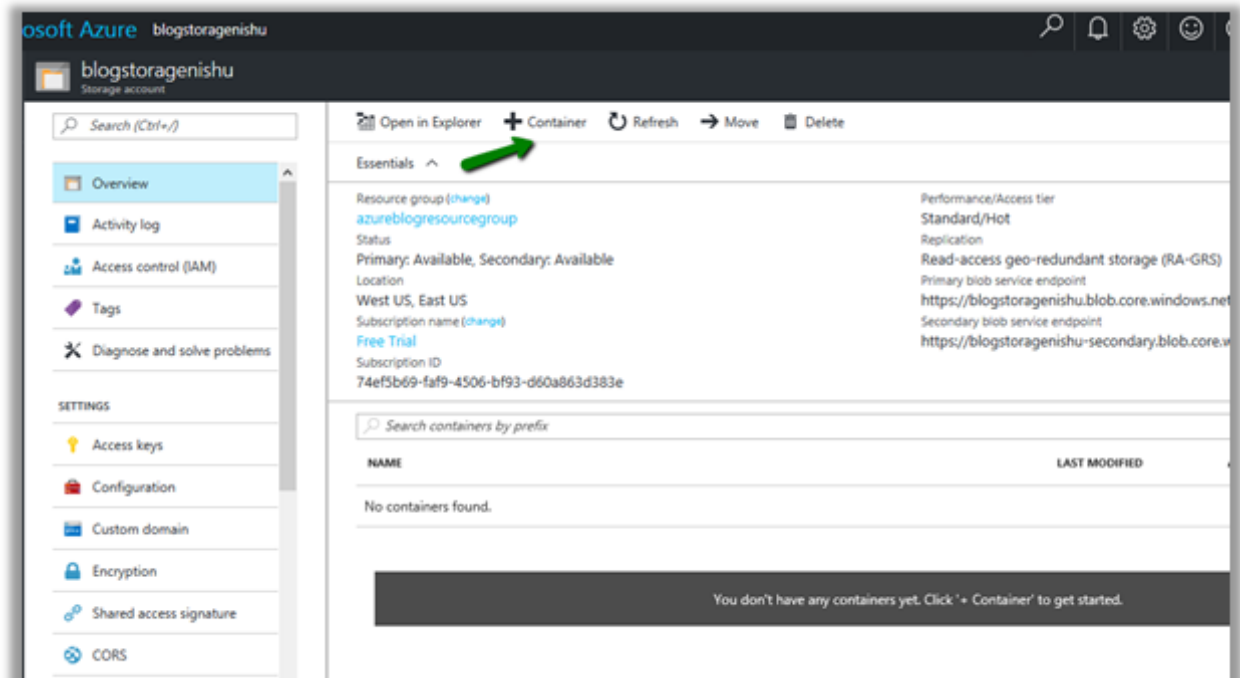
Replication 
 Read-access geo-redundant storage (RA-GRS)

Access tier 
 Cool Hot

* Storage service encryption 
☐ Pin to dashboard

Create [Automation options](#)

2. Create a new container in it to store the blob files



Microsoft Azure blogstoragenishu

blogstoragenishu
Storage account

Search (Ctrl+J)

Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems

SETTINGS
Access keys
Configuration
Custom domain
Encryption
Shared access signature
CORS

Open in Explorer + Container Refresh Move Delete

Essentials ^

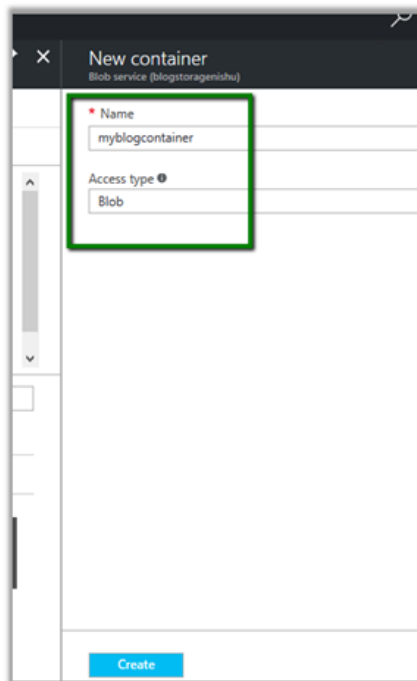
Resource group (change) azureblogresourcegroup
Status
Primary: Available, Secondary: Available
Location West US, East US
Subscription name (change) Free Trial
Subscription ID 74ef5b69-faf9-4506-bf93-d60a863d383e

Performance/Access tier Standard/Hot
Replication
Read-access geo-redundant storage (RA-GRS)
Primary blob service endpoint https://blogstoragenishu.blob.core.windows.net
Secondary blob service endpoint https://blogstoragenishu-secondary.blob.core.w

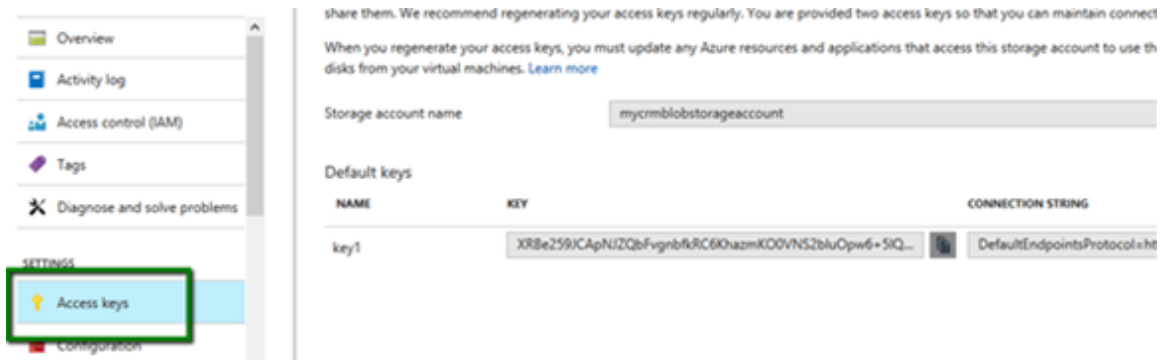
Search containers by prefix

NAME	LAST MODIFIED
No containers found.	

You don't have any containers yet. Click '+ Container' to get started.



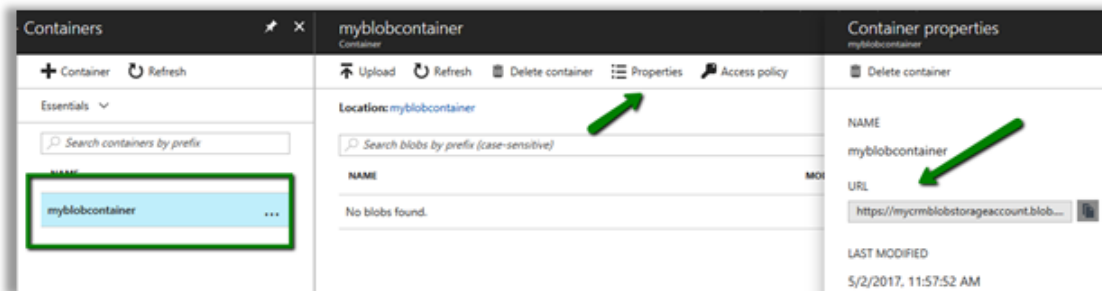
3. In Azure Portal – Storage Account, note down the below items:
 - a. Storage Account Name
 - b. Storage Key a.k.a. Access Key
 - c. Container name



And note down the storage account name and container name which will be used to construct the URL.

```
string requestUri = "https://[storageAccount].blob.core.windows.net/[containerName]/ ";
```


We can also go to container, select its properties and copy the url.



4. Getting product key

Access the below URL for getting the product key:


https://product.pragmaxrm.com:8443/Product%20Registration/Registration.aspx?item_name=Emaildesigner



Product Activation

Products

Innovation drives Passion



Product Name:

Version:

First Name:

Last Name:

Email:

Country:

Enter Captcha:

Fill in the mandatory information in the product page. On submit of the information email will be triggered to the email address provided in the above web page.

Note down the Customer Id and the user License which will be used to configure the product on the CRM environment.

5. Pragma Email Designer Solution Configuration

1. Open Solution "PragmaEmailDesigner_1_0_0_0_managed"

2. Click on Configuration and then Check License
3. Provide the Client ID and Product Key
4. Click on the submit button

Solution: Dynamic 365 - Attachment Mover

Configuration

Solution Dynamic 365 - Attachme...

- Information
- Configuration**
- Components
 - Entities
 - Option Sets
 - Client Extensions
 - Web Resources
 - Processes
 - Plug-In Assemblies
 - Sdk Message Processing S...
 - Service Endpoints
 - Dashboards
 - Reports
 - Connection Roles
 - Article Templates
 - Contract Templates
 - Email Templates
 - Mail Merge Templates
 - Security Roles
 - Field Security Profiles
 - Routing Rule Sets
 - Record Creation and Upda...
 - SLAs
 - Apps
 - Mobile Offline Profiles

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Status Expires On

Client ID :

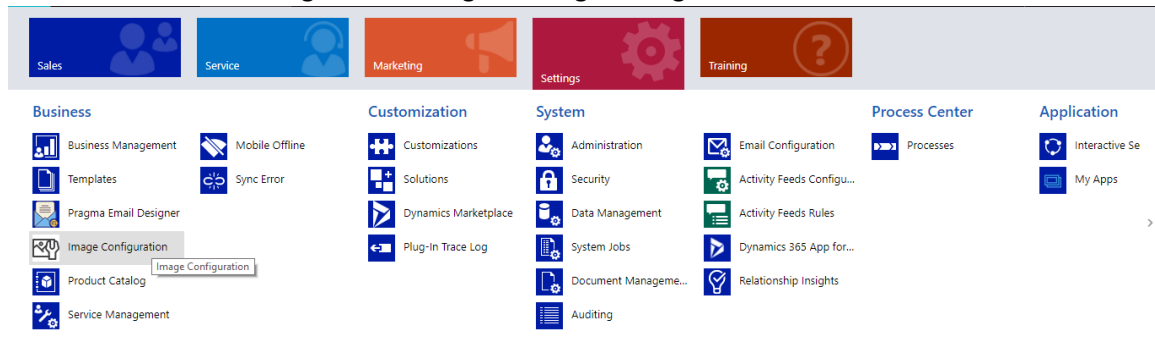
Product Key :

[Submit](#)

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6. Enabling the Pragma Email Designer for CRM entities:

- i. Login to MSCRM
- ii. Navigate to Settings >> Image Configuration



- iii. Set Azure Connection Details
Create configuration record in Image Configuration entity

New Image Configuration

General

Configuration *	<input type="text"/>
StorageAccount *	..
StorageKey *	..
ImagesContainer *	..
Thumbnail Container	..
x-ms-version *	..
x-ms-blob-type *	..
Method *	..
Blob URL *	..

7. Configuration Fields and significance

- i. **Configuration:** configuration record name
- ii. **Storage Account:** Azure storage account name eg. Pragmablobstorage
- iii. **StorageKey:** storage account key
- iv. **ImageContainer:** this is the azure container where we store images it *must be public*
- v. **Thumbnail Container:** Thumbnail of an image is stored
- vi. **x-ms-version** – 2017-04-17
- vii. **x-ms-blob** – Specifies the blob type it must be BlockBlob
- viii. **Method** – PUT method is used
- ix. **Blob URL** – Azure blob URL