



SMTP Imports Playbook

Version 0.91

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Document History

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SMTP Imports Overview

SMTP Imports are similar to FTP imports, but the data enters the CMS via SMTP instead of being picked up by the server. The data can be sent in the body (ASCII data - TXT, XML, CSV, etc.) of the email, or as an attachment (Binary files - Image, Video, PDF, etc.). SMTP Import is preferred for small jobs where the CMS might need to receive at most a few updates an hour. The process involves an email being sent to the CMS with an email import key and the data can either be in the body of the email or in an attachment.

SMTP Imports Benefits

- Ability to poll the content or data into the CMS automatically
- Easier to import multiple files
- Ability to import any type of files

SMTP Imports

SMTP Imports can be configured to support many different processes. The first steps that need to be decided is what content/data will be imported into the CMS and how content/data will be used in the CMS. Before starting the configuration, it is beneficial to solidify the scope of the configuration.

- a) What content will be imported into the CMS?
 - i) ASCII
 - (1) Structured XML
 - (2) Comma/Tab/Pipe delimited CSV
 - (3) Plain Text
 - (4) Others
 - ii) Binary
 - (1) Image
 - (2) Video
 - (3) PDF
 - (4) Others
- b) How content will be used in the CMS?
 - i) Pages
 - ii) Configurations
 - iii) Data
 - iv) Others

Configuring SMTP Imports

Note: As of September 2014, Import Connectors can only be configured in the classic UI.

Once the Business Process is understood, SMTP Imports will be configured in the following way:

Folder

Create a folder where the email generated documents are stored

Template

- Create a new template in **/System/Templates/** folder.
- Add **smtp_import.aspx** file. (Template must include a smtp_import.aspx template file which will execute when the import is successful.)

Model

- Create a model asset in **/System/Model/** folder
- Select the template above
- Set access properties to inherit
- Set appropriate workflow

Import Connector

Once Template and Model have been created, the Import Connector can be added:

- Create a new SMTP Import Connector in System > Configure > Import > SMTP.
- **Email Token:** It will be automatically generated.
- **Label:** Name of the SMTP Import Connector
- **Expires On:** Specify the date
- **Daily Max Hits:** Specify maximum emails per DAY that can use this token. (Note: 0 value means there's no limit)
- **Maximum Polls:** Specify maximum emails that can use this token. (Note: 0 value means there's no limit)
- **Document User:** Specify the owner of the imported files
- **Folder:** Specify the folder where the file generated documents are stored
- **Model:** Specify the model that will be used to create the files within the CMS
- **Send Errors:** Do not notify, Back to sender, or Specify email address

Edit Email Import	
Email Token	TK9jo0jTOuK2d26c
Total Hits	0
Hits Today	0
Created On	9/10/2014 14:01:17
Label	SMTP Import Sample
Expires On	
Specify maximum emails per DAY that can use this token.	
Daily Max Hits	0
Specify maximum emails that can use this token.	
Maximum Hits	0
Specify the owner of the imported emails.	
Document User	Test User
Specify the folder where the email generated documents are stored.	
Folder	/Playbooks/Imports/SMTP Import
Specify the model that will be used to create email generated documents.	
Model	/System/Models/Playbooks/Imports/SMTP Import/Import
Send Errors	<input type="radio"/> Do not notify (last error can be seen in this view if applicable) <input checked="" type="radio"/> Back to sender <input type="radio"/> To email address

Auto Generated Email Token

The Token creates the proper relationships between the remote files and the template.

Verify that if the Email Token in the template matches an existing SMTP Import Connector and part of the subject or body.

Example: Template (smtp_import.aspx)

```
<%
    string szToken = "TK9jo0jTOuK2d26c"; //Get this from SMTP Import Connector
    string szSubject = context.Subject;
    string szBody = context.Body;
    bool bTokenExists = szSubject.Contains(szToken) || szBody.Contains(szToken) ? true :
false;
    if (bTokenExists)
    {
        // Create an asset and add 'body' & 'subject' fields
        Dictionary<string, string> dtData = new Dictionary<string, string>();
        if (!string.IsNullOrEmpty(szBody)) dtData.Add("body", szBody);
        if (!string.IsNullOrEmpty(szSubject)) dtData.Add("subject", szSubject);
        if (dtData.Count > 0)
            asset.SaveContent(dtData);

        // Run this code if the email has any attachment
        foreach (EmailAttachment eaData in context.EmailAttachments)
        {
            // Code here
        }
    }
%>
```

Using SMTP Imports

1. Compose an email and send.
2. Find an email address of the CMS in [System](#) > [Configure](#) > [Import](#) > [SMTP](#)

Email Imports (1) MasterTrainingInstance@advantage.crownpeak.com					
Hits	Label	Token	User	Folder	Expires
0	SMTP Import Sample	TK9jo0jTOuK2d26c	test.user	/Playbooks/Imports/SMTP Import	

The email needs to have the correct import Token in it, generally in the subject line, in order to be recognized by the CMS. The import Token can be part of subject as well.

3. Attach any file(s) if necessary

Lorem ipsum dolor sit amet (TK9jo0jTOuK2d26c)
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MasterTrainingInstance@advantage.crownpeak.com

Lorem ipsum dolor sit amet (TK9jo0jTOuK2d26c)

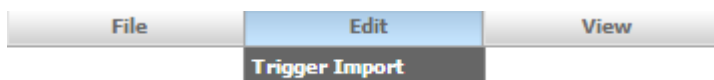
In mattis sem tincidunt posuere tincidunt. Aenean at velit dictum, lobortis turpis eu, eleifend neque. In egestas maximus odio ac porta. Phasellus vulputate placerat suscipit. Cras eget tortor ut tellus ullamcorper ultricies ut at risus. Suspendisse vitae tempor nisi, nec lacinia ante. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

Send

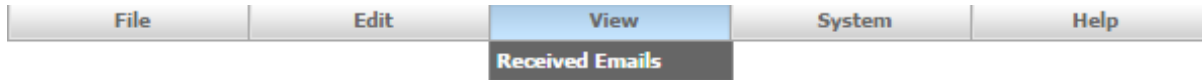
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The import connector automatically triggers an import every 5-10 minutes. SMTP Import can be triggered manually in [System](#) > [Configure](#) > [Import](#) > [SMTP](#).



- Select one of the imports, and click 'Received Emails' menu to check received emails.



Email Imports (1) MasterTrainingInstance@advantage.crownpeak.com					
Hits	Label	Token	User	Folder	Expires
0	SMTP Import Sample	TK9jo0jTOuK2d26c	test.user	/Playbooks/Imports/SMTP Import	

Received Emails for SMTP Import Sample (2)				
Is Error	Date	Subject	From	Size
FALSE	9/10/2014 15:27:00	Lorem ipsum dolor sit amet (TK9jo0jTOuK2d26c)	jason.yoo@crownpeak.com	744 bytes
FALSE	9/10/2014 15:08:41	Test TK9jo0jTOuK2d26c	jason.yoo@crownpeak.com	420 bytes

When executed, the template file (smtp_import.aspx) will create one or more assets in the CMS based on template configuration. Asset will be created in '/Playbooks/Imports/SMTP Import/' folder. The folder location can be changed in the import connector. Email subject will be the asset's label (without the Token) by default, but the label can be re-named in the template file.

Type	Label	Status	Changed By	Changed On	Size	Template	ID
	Lorem ipsum dolor sit amet	Draft	Test User	9/10/2014 3:26:59 PM		SMTP Import	10141
	Test	Draft	Test User	9/10/2014 3:08:41 PM		SMTP Import	10136