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Product Architect Training (PAT)

Content Platform Engine 5.2.1 - Email Services



Agenda

- Course Overview
 - Email Services Introduction & Overview
 - SMTP Server Configuration
 - Installing Email Services Add-on
 - Email Queue Processing
 - Email Templates
- Target Audience
 - Support Engineers, Application Developers
- Suggested Prerequisites / Related Presentations
 - ICN Notifications (PMT by Frank Hayes)
 - ACCE Email Configuration (PMT slides by Lauren Nguyen)
- Version Release Date:
 - October 2014

Email Services Introduction & Overview

- CPE 5.2.1 includes the capability to send email from the CPE engine to any SMTP server (including Google Gmail)
- This feature is not intended as a stand-alone feature, it is intended for future integration with IBM Content Navigator via the “5.2.1 Social Collaboration Notifications Extensions for Content Navigator” add-on (see presentation by Frank Hayes)
- Email Services requires the following add-on:
 - “5.2.1 Email Services Extensions”
 - This add-on is installed automatically as a prerequisite to the above Social Collaboration Notifications Extensions add-on
 - In the future, other new features may use Email Services
- To enable Email Services, some basic configuration via ACCE is required

SMTP Server Configuration

- ACCE → P8Domain → SMTP Subsystem (tab):

Administration Console for Content Platform Engine

Domain: P8Domain

P8Domain

- Client API Download
- Global Configuration
- Object Stores

P8Domain

Save Refresh

Content Conversion Subsystem CFS Import Agent Subsystem **SMTP Subsystem** Workflow Subsystem

Import Settings...

The settings that configure email notification for this object store.

Important: Do not modify any values unless an IBM support representative specifically instructs you to do so. Improper modification of a value can adversely affect system performance and functionality.

Email Services

☒ Enable email services ?

* SMTP host: ? cm-newportvm28.usca.ibm.com

* SMTP port: 25

* Email from ID: ? dricci@cm-newportvm28.usca.ibm.com

* Default email reply-to ID: ? dricci@cm-newportvm28.usca.ibm.com

* Email login ID: ? dricci@cm-newportvm28.usca.ibm.com

Email login password:

SSL Communication

☐ Enable SSL ?

Installing Email Services Add-on

- Documentation warning:
 - http://www.ibm.com/support/knowledgecenter/SSNW2F_5.2.1/com.ibm.p8.ce.admin.tasks.doc/p8pcc290.htm

[Administering](#) > [Administering Content Platform Engine](#) > [Defining the FileNet P8 infrastructure](#) > [Configuring email notifications for the FileNet P8 domain](#)



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IBM FileNet P8, Version 5.2.1

Enabling email notifications for the FileNet® P8 domain

Client applications can implement email notifications for events that occur on documents and folders within an object store.

Before you begin

Before you can enable email notifications, ensure that the following add-on features have been installed:

- Social Collaboration Notification Extensions for Content Navigator
- Email Services Extensions

Important: Email notification for document and folder changes requires a client application that implements the Social Collaboration Notification Extensions for Content Navigator add-on feature. Typically, a client that supports the notifications feature will install the add-on automatically as part of deploying and configuring the application, or the application's documentation will direct you to install the add-on. Do not install the add-on unless you are using a client that implements this feature.

Installing Email Services Add-on

- ACCE → P8Domain → Object Stores → (right-click your Object Store) → Install Add-on Features:

Install Add-on Features

Add-on features are modules that contain custom metadata and data that support extensions to core Content Platform Engine features and support applications that integrate with Content Platform Engine. [Learn more...](#)

The add-on features are listed in the order of dependency.

Select the add-on features to install

<input type="checkbox"/>	Display Name	Type	Prerequisites
<input type="checkbox"/>	5.2.1 Social Collaboration Document Review Extensions	Optional	5.2.1 Social Collaboration Base Extensions
<input checked="" type="checkbox"/>	5.2.1 Email Services Extensions	Optional	
<input type="checkbox"/>	5.2.1 Social Collaboration Notification Extensions For Content Navigator	Optional	5.2.1 Social Collaboration Base Extensions 5.2.1 Email Services Extensions
<input type="checkbox"/>	5.2.1 Reporting Enablement Extensions	Optional	
<input type="checkbox"/>	5.2.1 Rich Media Transcription Extensions	Optional	

Email Queue Processing

- ACCE → P8Domain → Object Stores → (click your Object Store) → Data Design → Classes → Other Classes → Abstract Queue Entry → Email Queue Entry:

The screenshot displays the 'Administration Console for Content Platform Engine' interface. The top navigation bar shows 'P8Domain' and 'drtestos14'. The left sidebar shows a tree view of the 'drtestos14' Object Store, with 'Email Queue Entry' highlighted under 'Other Classes' and indicated by a red arrow. The main panel shows the 'Class Definition: Email Queue Entry' with tabs for 'General', 'Properties', 'Property Definitions', 'Default Instance Security', 'Security', 'Audit History', and 'Advanced'. The 'General' tab is active, showing fields for 'Display name', 'Symbolic name', 'Description', 'Table definition', 'Superclass definition', and 'Immediate subclasses'.

Administration Console for Content Platform Engine

Object Store: drtestos14

drtestos14

- Administrative
- Browse
- Data Design
 - Background Search Class Templates
 - Background Search Result Classes
 - Choice Lists
 - Classes
 - Custom Object
 - Document
 - Folder
 - Other Classes
 - Abstract Persistable
 - Abstract Queue Entry
 - Content Backout Queue Entry
 - Content Deletion Queue Entry
 - Content Replication Queue Entry
 - Email Queue Entry**
 - Thumbnail Request

Class Definition: Email Queue Entry

Save Refresh Actions Close

General Properties Property Definitions Default Instance Security Security Audit History Advanced

*Display name: ? Email Queue Entry

*Symbolic name: ? EmsEmailQueueEntry

Description: ? Email Queue Entry

Table definition: ? UT_EmsEmailQueueEntry

Superclass definition: ? Abstract Queue Entry

Immediate subclasses: ?

Email Queue Processing

- ACCE → P8Domain → Object Stores → (click your Object Store) → Sweep Management → Queue Sweeps → Email Queue Custom Sweep:

The screenshot displays the 'Administration Console for Content Platform Engine' interface. The top navigation bar shows 'P8Domain' and 'drtestos14'. The left sidebar shows a tree view of the 'drtestos14' object store, with 'Sweep Management' expanded and 'Email Queue Custom Sweep' selected. The main panel shows the configuration for 'Email Queue Custom Sweep' under the 'General' tab. The configuration includes a status of 'Enabled', a display name of 'Email Queue Custom Sweep', a description, a target class of 'Email Queue Entry', a sweep action of 'Email Queue Sweep Action', and a maximum failures of 7. The examined, processed, and failed object counts are all 0. The schedule is set to 'Schedule ?'.

Administration Console for Content Platform Engine

Object Store: drtestos14

drtestos14

- Administrative
- Browse
- Data Design
- Email Template
- Events, Actions, Processes
- Recovery Bins
- Search
- Sweep Management
 - Background Search Sweeps
 - Job Sweeps
 - Policy-Controlled Sweeps
 - Queue Sweeps
 - Email Queue Custom Sweep**
 - Sweep Actions
 - Sweep Policies

drtestos14 Email Queue...

Save Refresh Close

Queue Sweep: Email Queue Custom Sweep

General Properties Security Queue Entries

Custom queue sweeps are based on the objects that you want to have processed and the add-ons that you install.

Status: ☒ Enabled ?

* Display name: ? Email Queue Custom Sweep

Description: ?

Target class: ? Email Queue Entry

* Sweep action: ? Email Queue Sweep Action

* Maximum failures: ? 7

Examined object count: ? 0

Processed object count: ? 0

Failed object count: ? 0

Schedule ?

Email Templates

- ACCE node appears after “Email Services Extensions” add-on installed
- Currently, the templates only appear after “Social Collaboration Notifications Extensions for Content Navigator” add-on installed
- ACCE → P8Domain → Object Stores → (click your Object Store) → Email Templates:

The screenshot shows the Administration Console for Content Platform Engine. The top bar includes the title 'Administration Console for Content Platform Engine', a user profile 'dricci', and the IBM logo. Below the top bar, there are tabs for 'P8Domain' and 'drtestos12'. The left sidebar shows a tree view of the 'drtestos12' object store, with 'Email Template' highlighted and a red arrow pointing to it. The main content area shows the 'Email Templ...' section with buttons for 'New', 'Refresh', and 'Batch Operations'. A table lists the email templates, with the 'Name' column circled in red. The table has columns for 'Name', 'Class Description', 'Creator', and 'Date Created'.

Name	Class Description	Creator	Date Created
DailySummary	CibNotificationEmailTemplateHead	dricci	September 4, 2014 Pacific Standard Tir
DailySummary	CibNotificationEmailTemplateHead	dricci	September 4, 2014 Pacific Standard Tir
DailySummary	CibNotificationEmailTemplateHead	dricci	September 4, 2014 Pacific Standard Tir
DailySummarv	CibNotificationEmailTemplateHead	dricci	September 4, 2014

Email Templates

- ACCE does allow templates to be added, changed, or deleted, however, these templates are installed by the add-on and are expected to be in a specific format. We recommend you do not change them!

The screenshot displays the 'Administration Console for Content Platform Engine' interface. The top navigation bar includes the title and a user profile 'dricci'. Below the navigation bar, there are tabs for 'P8Domain' and 'drtestos12'. The main content area is titled 'Object Store: drtestos12' and features a left-hand tree view with folders like 'Administrative', 'Browse', 'Data Design', 'Email Template' (selected), 'Events, Actions, Processes', 'Recovery Bins', 'Search', and 'Sweep Management'. The right-hand pane shows the configuration for the 'Email Template: DailySummary'. It includes buttons for 'Save', 'Refresh', 'Actions', and 'Close'. The configuration is divided into 'General' and 'Properties' tabs. The 'General' tab contains the following fields:

- *Name: DailySummary
- Class: Notification Email Template Header
- Language: Chinese Simplified/China [zh-cn]
- Character set: UTF-8
- Subject: 每日电子邮件摘要
- Body: <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd"><html xmlns="http://www.w3.org/1999/xhtml"><head><META HTTP-EQUIV="Content-Type" CONTENT="text/html; charset=UTF-8"><title>Header Body</title><style type="text/css">body {padding: 20px 30px;font-family: Helvetica, Arial, sans-serif;font-size: 16px;}a, a:visited {color: #008abf;text-decoration: none;border-bottom: 1px dotted #008abf;}a:hover {color: #00649d;}content {display: table;width: 100%;height: 64px;}default{ background-position:-

More Information and Documentation

- Social Collaboration Notification Extensions for Content Navigator
 - http://www.ibm.com/support/knowledgecenter/SSNW2F_5.2.1/com.ibm.p8.ce.admin.tasks.doc/p8pcc145.htm
- Email Services Extensions
 - http://www.ibm.com/support/knowledgecenter/SSNW2F_5.2.1/com.ibm.p8.ce.admin.tasks.doc/p8pcc146.htm
- Configuring email notifications for the FileNet P8 domain
 - http://www.ibm.com/support/knowledgecenter/SSNW2F_5.2.1/com.ibm.p8.ce.admin.tasks.doc/p8pcc288.htm
- Interface CmSMTPConfiguration
 - http://www.ibm.com/support/knowledgecenter/SSNW2F_5.2.1/com.ibm.p8.ce.dev.java.doc/com/filenet/api/admin/CmSMTPConfiguration.html
- CmSMTPConfiguration Properties
 - http://www.ibm.com/support/knowledgecenter/SSNW2F_5.2.1/com.ibm.p8.ce.dev.prop.doc/props_CmSMTPConfiguration.htm

Questions?

Thank you!