Task1

Technical Specification Document

Version	1.0.0
Date	2025-12-23

1.1 Purpose

The purpose of this integration flow is to facilitate the seamless exchange of email messages between a sender and a receiver using the SAP Cloud Platform Integration (CPI). This flow is designed to handle both sending and receiving emails, utilizing SMTP and IMAP protocols respectively. By implementing this integration, organizations can automate their email communications, ensuring timely and efficient message delivery while maintaining a structured workflow.

1.2 Scope

The scope of this integration flow encompasses the configuration of email sending and receiving functionalities within the SAP CPI environment. It includes the setup of necessary parameters such as server details, authentication methods, and message formatting. Additionally, the flow incorporates error handling and logging mechanisms to monitor the email transactions effectively. This integration is intended for use in scenarios where automated email notifications or data exchanges are required, enhancing operational efficiency.

2. Integration Flow Components

Component	Description
Sender	Endpoint for sending emails using SMTP protocol.
Receiver	Endpoint for receiving emails using IMAP protocol.
Integration Process	Core process that orchestrates the email sending and receiving activities.
Groovy Script	Custom script for processing email content or headers.
Content Modifier	Modifies the email content before sending.

3. Security Requirements

Requirement	Description
Authentication	Basic authentication is disabled for the sender endpoint.
SSL/TLS	Secure connections are established using STARTTLS for SMTP and IMAPS for IMAP.
Logging	All events are logged for monitoring and troubleshooting purposes.
CORS	CORS is disabled to prevent unauthorized cross-origin requests.