# **Proof of Concept (PoC): Google Drive File Sharing and Movement**

## 

## **Objective**

This PoC demonstrates how to use the Google Drive API to move files between folders internally and across Team Drives in Salesforce. It covers API endpoints, request structures, and permission considerations.

## **APIs Used**

### **1. Move File Between Folders (Within the Team Drive)**

* **Endpoint:**

PATCH [https://www.googleapis.com/drive/v3/files/{fileId}?addParents={destinationFolderId}&removeParents={sourceFolderId}&supportsAllDrives=true](https://www.googleapis.com/drive/v3/files/%7BfileId%7D?addParents=%7BdestinationFolderId%7D&removeParents=%7BsourceFolderId%7D&supportsAllDrives=true)

* **Headers:**

{

"Authorization": "Bearer {accessToken}",

"Content-Type": "application/json"

}

* **Method:** PATCH
* **Request Body:** {} (Empty JSON as per API requirements)
* **Supports**: Moving a single file, multiple files, a folder, and a folder with files inside.

### **2. Move File Between Folders (Within the Same Drive)**

* **Endpoint:**

PATCH [https://www.googleapis.com/drive/v3/files/{fileId}?addParents={destinationFolderId}&removeParents={sourceFolderId}](https://www.googleapis.com/drive/v3/files/%7BfileId%7D?addParents=%7BdestinationFolderId%7D&removeParents=%7BsourceFolderId%7D&supportsAllDrives=true)

* **Headers:**

{

"Authorization": "Bearer {accessToken}",

"Content-Type": "application/json"

}

* **Method:** PATCH
* **Request Body:** {} (Empty JSON as per API requirements)
* **Supports**: Moving a single file, multiple files, a folder, and a folder with files inside.