SharePoint DiscretePdfSigner Integration Guide

Version History

Date	Version	Remarks	Author
12.12.2024	0.1	Initial Version	Antonio Ancona
16.12.2024	0.2	Extended bulk signing json examples	Antonio Ancona

Contents

This document explains how to set up your SharePoint instance to integrate and host PrivaSphere's DiscretePdfSigner to sign PDF files without accessing external networks.

Installing the signer

- Obtain the latest DiscretePdfSigner "standAloneNoExe" compressed build from PrivaSphere
- Extract the files from the package and upload them to a folder in your SharePoint instance[1]
- Ensure that the signer was installed correctly by clicking on "index.html". This should open the app in your browser and display a default pdf test file ready to be signed

Single File Signing

- Pass a .pdf file hosted on SharePoint to the DiscretePdfSigner
  Generate a link to the DiscretePdfSigner installation's html with the following query parameters:
    i. externalsource=sharepoint
    ii. downloadurl=your_sharepoint_file.pdf
    iii. uploadurl=your/sharepoint/destinationpath/

  Example:
  https://your.sharepoint.com/sites/index.html?externalsource=sharepoint&downloadurl=http

---

[1] This approach profits from the authentication/authorization the user's Browser has already towards the SharePoint server. If the "signer" html and scripts shall be loaded from elsewhere, single-sign-on based on SAML2/JWT or OIDC can be added.

- Access the link, the file specified in the downloadurl query parameter should be visible and signable, to then be uploaded at the path specified in the uploadurl query parameter.

Bulk File Signing

- Pass a .json file hosted on SharePoint to the discretePdfSigner
  Generate a link to the DiscretePdfSigner installation's html with the following query parameters:
     a. externalsource=sharepoint
     b. downloadurl=your/sharepoint/json_file.json
  The .json file must follow this structure:

```
{
    "downloadurl": "link/to/file/minimum.pdf"
},
{
    "downloadurl": "link/to/file/minimum_2.pdf"
} [...]
```
  Where each element contains instructions that point to a file's downloadurl. If the signed file shall have a different name (e.g. it could end with "...-sig.pdf") or be in a different folder of your sharepoint, also an uploadurl can be specified:

```
 {
    "uploadurl": "link/to/destination/minimum-signed.pdf"
    "downloadurl": "link/to/file/minimum.pdf"
},
{
    "uploadurl": "link/to/destination/minimum_2-signed.pdf"
    "downloadurl": "link/to/file/minimum_2.pdf"
} [...]
```

  Example:
  https://your.sharepoint.com/sites/index.html?downloadurl=YOUR_JSON_FILE&externalsource=sharepoint

- Access the link, the files specified in the .json should be visible and signable, to then be uploaded to their specified path.

Limitations

- PDF Files only
- Maximum of 100 PDF Files per bulk signing operation