Security in G-Connector

SECURITY ASPECTS OF INTERACTING WITH SALESFORCE.COM USING G-CONNECTOR ADD-IN FOR GOOGLE SHEETS

G-Connector Overview

G-Connector is an add-in to Google Spreadsheets created with the help of Google Apps Script and utilizing all the features of secure google storage, connectivity, and document management.

Xappex LLC does not store any of the customer data transferred between Google Script and Salesforce outside of the Google servers, nor has it any ability to access the data in transit.

This is purely a connector utility making user's Salesforce data available in Google Sheets and vice versa with all communications between Google Script and Salesforce performed over a secure channel.

Authentication with Salesforce

G-Connector uses oAuth2 user authentication with the Force.com platform.

❖ oAuth2 client-server authentication takes the user to a Salesforce.com login URL to authenticate using their username and password. If authentication is successful the user is granted an authentication token that is used throughout the user session with Salesforce.com.

❖ If the customer uses an SSO (Single Sign On) system, the same oAuth2 authentication flow will take the user to the SSO provider, which will then redirect to Salesforce.com where the access token will be issued for the user to log in.

Providing Unattended Data Services

Every time a user authenticates with Salesforce using G-Connector for Salesforce – it will store the so-called Refresh Token in the user's Google Script storage. Google Script storage is accessible only by the user correctly authenticated with the Google servers.

G-Connector will use the Refresh Token mechanism to log in to Salesforce every time an automatic pull or push operation is executed to provide uninterrupted data connectivity between Salesforce and Google Sheets while the user is offline.

G-Connector can read the Refresh Tokens from the Google Script storage of a particular user and write to it, but we've specifically designed it to not be able to expose this sensitive information in any way, including log files.

No one at Xappex LLC has access to the Google Script storage belonging to any of our customers.

Secure transactions

After a successful authentication with Salesforce.com, access to data is controlled by the Role/Profile combination of the specific user. Roles and profiles are assigned to users by their Salesforce admins.

All communications between G-Connectorand and Salesforce.com are encrypted, performed over a secure HTTPS connection over the latest TLS protocol supported by Google Apps Script and Salesforce API.

G-Connector working in a secure Google Apps Script environment

HTTPS using the latest TLS protocol supported by Google

salesforce