Project Title: Adding Department Attribute to Sign-In Logs CSV Report

Issue:

The customer exported sign-in logs from Azure Active Directory (AAD) as a CSV file. However, the sign-in log CSV report does not include the department attribute, which the customer requires. The goal is to provide a solution that integrates the department attribute into the sign-in log report.

Objective:

To create a method for the customer to include the department attribute in sign-in logs exported as a CSV file.

Recommended Solution:

1. **Export Users from Azure Active Directory**:
   o Export the list of users from AAD, ensuring that the department attribute is included in the CSV file. The file will contain information such as the user's principal name (userPrincipalName), which will be used to link this data to the sign-in logs.
2. **Export Sign-In Logs from Azure Active Directory**:
   o Download the sign-in logs from AAD as a CSV file. These logs include details such as the userPrincipalName, sign-in time, status, and other relevant sign-in activity details.
3. **Create a Database in Microsoft Access**:
   o Import both the exported user data and sign-in log data into Microsoft Access as two separate tables.
   o The user data table will include attributes such as userPrincipalName and department, while the sign-in log table will include the userPrincipalName and other log details.
4. **Establish a Relationship Between the Tables**:
   o In Microsoft Access, establish a relationship between the two tables based on the userPrincipalName attribute. This relationship will allow data from the user table (including the department attribute) to be linked with the sign-in log data.
5. **Generate a Report**:
   o Create a report in Microsoft Access that includes the necessary fields from the sign-in log data along with the department attribute from the user data.
   o Export this report as a CSV file, which will now include the department attribute alongside the standard sign-in log details.

Expected Outcome:

By following this method, the customer will be able to export sign-in logs from Azure Active Directory with the department attribute included in the final CSV report.

Implementation Details:

- **Tools**: Azure Active Directory, Microsoft Access
- **Key Attributes**: userPrincipalName, department, sign-in time, status

Notes:

This solution provides a simple and efficient way to merge user attributes with sign-in log data using Microsoft Access, allowing for customizable reporting as per the customer's needs.