Exporting data to CSV file using API script

Quick guide

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Overview

This document details how to use a Proofpoint Meta API script for exporting data to a CSV file.

Before you begin

Verify that you have the following:

- Shell environment for running scripts
- Installed JSON processor, such as [jq](#).
- Proofpoint Meta account with an administrator account

Using the script

Follow these steps to use the Proofpoint Meta API script for data export:

1. Generate an API key and API ID.
2. Create a file with the generated API secret.
3. Create a file with the generated API ID.
4. If using Managed Security Service Provider (MSSP) mode, create a file with the required organization name.

Note: The files can be saved in a TXT or CSV formats, the script will process only the first line of the file to looking for the required data.

Generating API key and ID

1. Log into Meta Console as administrator.
2. Navigate to **Administration > API Keys**.
3. At the top right-hand corner, click on the Plus (+) sign to add a new key.
4. Enter the key name and description.
5. Enable the relevant Read (read-only) and Write (read/write) privileges for the key.
   The Org Write privilege allows the user to create sub-organizations. This option is grayed-out by default. To enable it, contact your Proofpoint Meta sales engineer.
6. At the top right-hand corner, click **Save** to finish.
   The API key information is displayed. It includes API ID and API secret.
7. Copy and store the API ID and secret for use in the next steps.

Creating the files

Create the TXT or CSV files to be used by the Proofpoint Meta API script

1. Create a file with the generated API secret (API_KEY).

2. Create a file with the generated API ID (API_ID).

3. If using Managed Security Service Provider (MSSP) mode, create a file with the required organization name (Sub_ORG).

Editing the script

1. Open the script file.

2. Edit the path for the API_KEY, API_ID and for SUB_ORG (if exists) in lines 3 to 7 and paste the path to the previously-created files. See the script sample below:

```
#Please fill the path to the API before running the
script (only csv or txt file)

API_KEY="Path/to/the/API/Key/file"

API_ID="Path/to/the/API/ID/file"

#Sub_Org is Optional, not optional for MSSP

Sub_ORG="Path/to/the/Sub/ORG/file"
```

Running the script

Please run the -h or --help command to get information how to run each script