

Altitude File Transfer Tool (BETA 7-18-2022)

Introduction

In its current state, this application provides functionality to transfer files one way from the external BEN network into the Altitude Managed Cloud.

It consists of two pieces: a frontend website accessible from Boeing IP addresses, where users can upload files and a backend website (only available within the Altitude Managed Cloud) where the same user can view and download their uploaded files. Both websites are available from the endpoint

<https://transfer.us.boeing.altitude.cloud>

Prerequisites

- The user must be part of the "file-transfer-users" group within Okta
- The user's workspace (within the Altitude Managed Cloud) must have the "HTTPs over DNS" setting disabled to access the right endpoint for <https://transfer.us.boeing.altitude.cloud>
- The user must log into the backend website (<https://transfer.us.boeing.altitude.cloud> on the Altitude Managed Cloud) once before logging into the frontend website and uploading files.

Current Restrictions

- Files are limited to a maximum of 50 gigabytes in size
- For best performance TAR or ZIP multiple files into one upload
- Users require an account managed by OKTA
- Chrome/Chromium browsers are strongly recommended

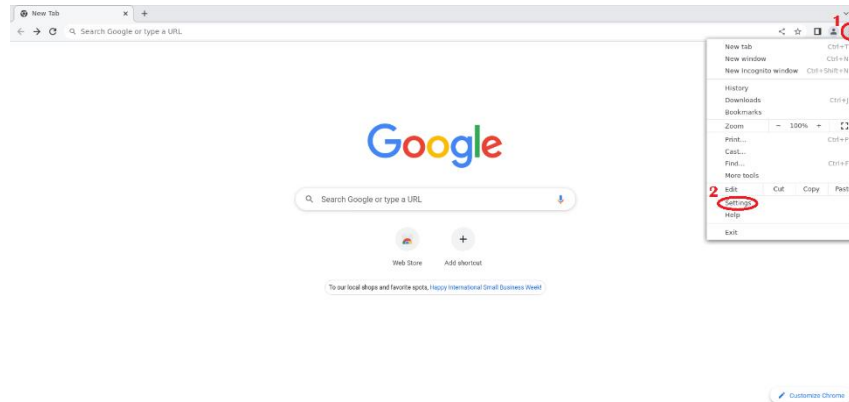
Steps

1. (Prereq) Disabling "HTTPs over DNS" in the Workspace
2. (Prereq) Log into the backend for the first time
3. Upload a file to the Frontend
4. Retrieve a file from the backend

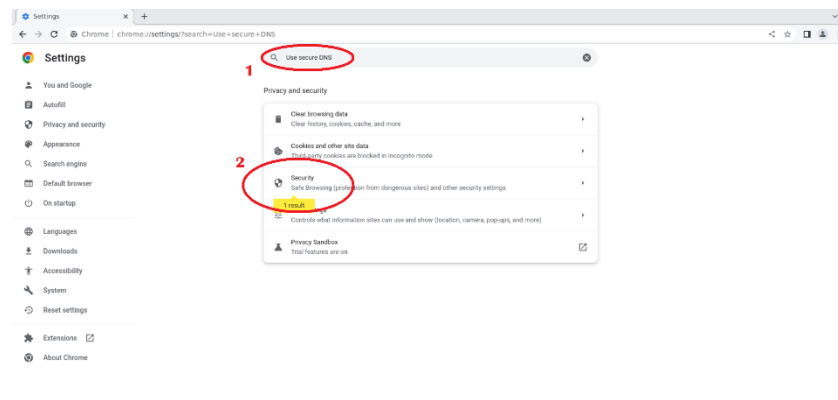
Step 1: Disabling “HTTP over DNS” in the Workspace

For Chrome/Edge

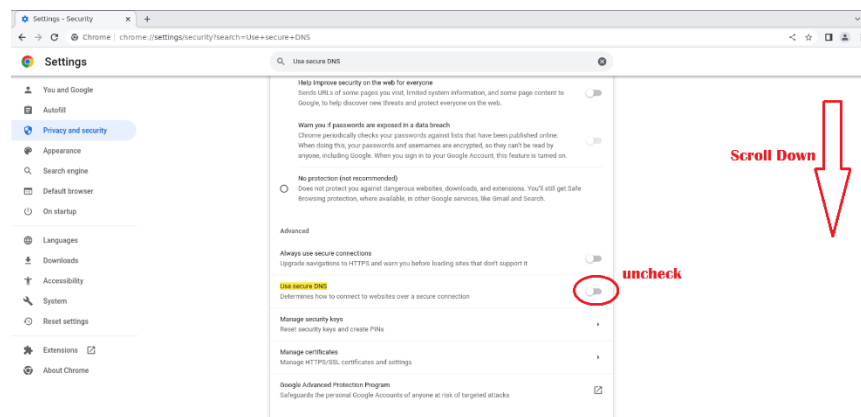
Navigate to settings menu



Search “Use secure DNS” and then click on the corresponding search result.

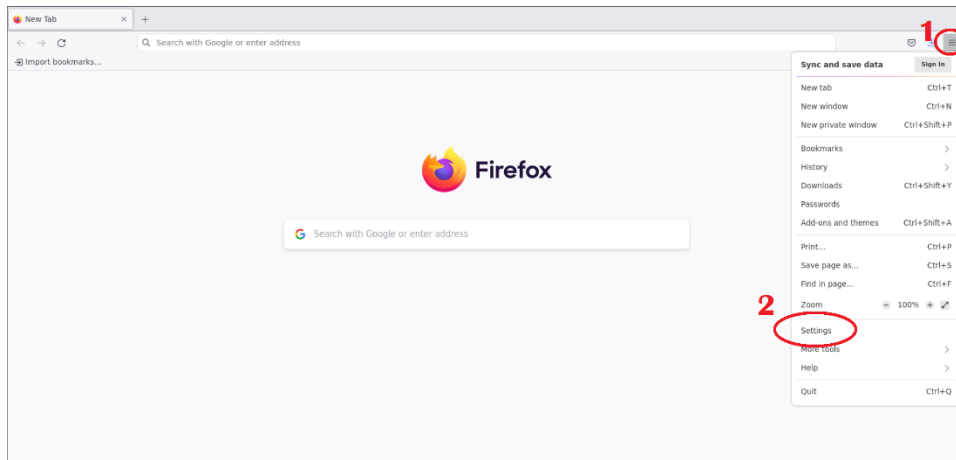


Scroll down to “Use secure DNS” and uncheck the switch.

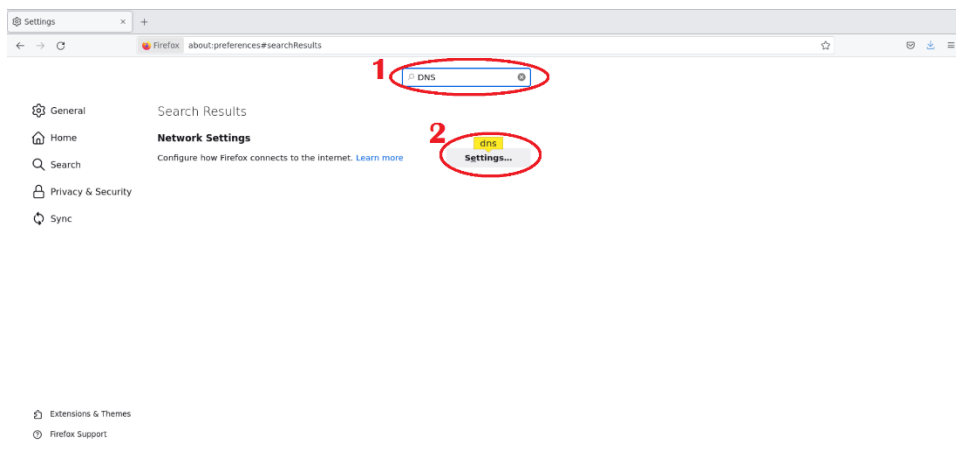


For Firefox

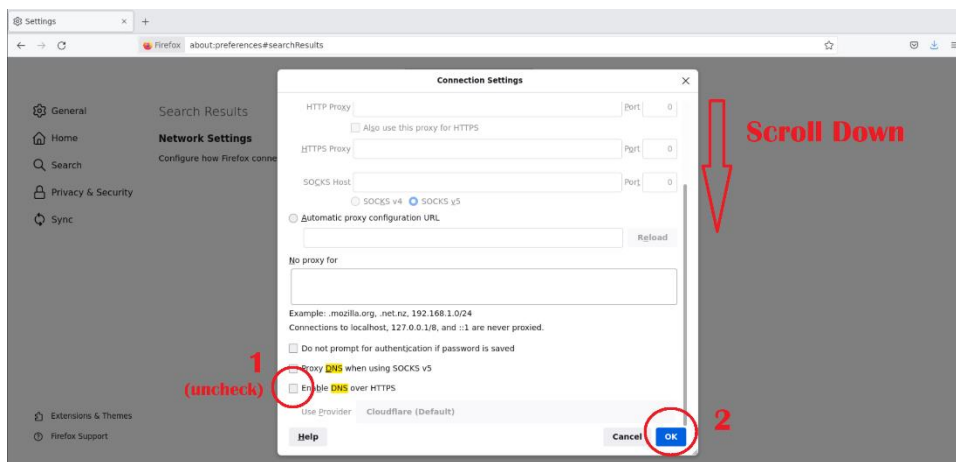
Navigate to the settings menu



Search “DNS” in the text field and click on the “Settings” button under “Network Settings”

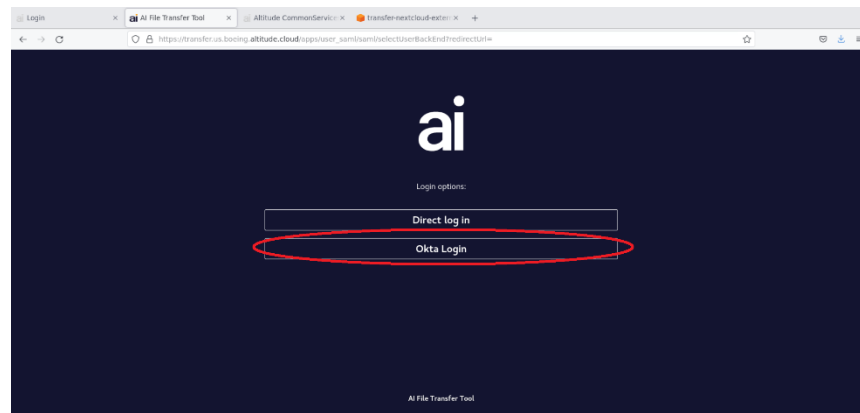


Scroll to the bottom and uncheck “Enable DNS over HTTPS”, then hit “OK”

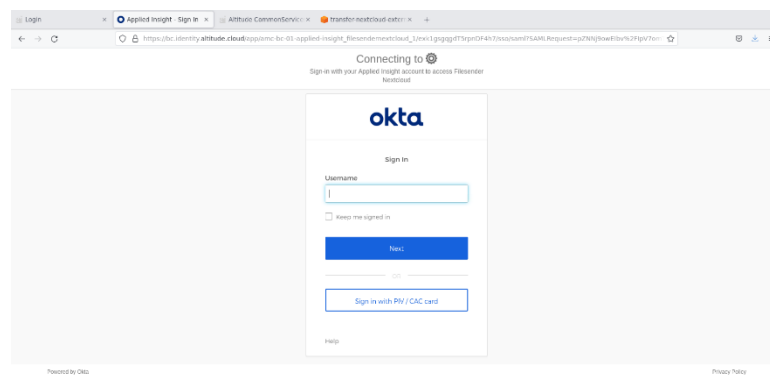


Log into the backend for the first time

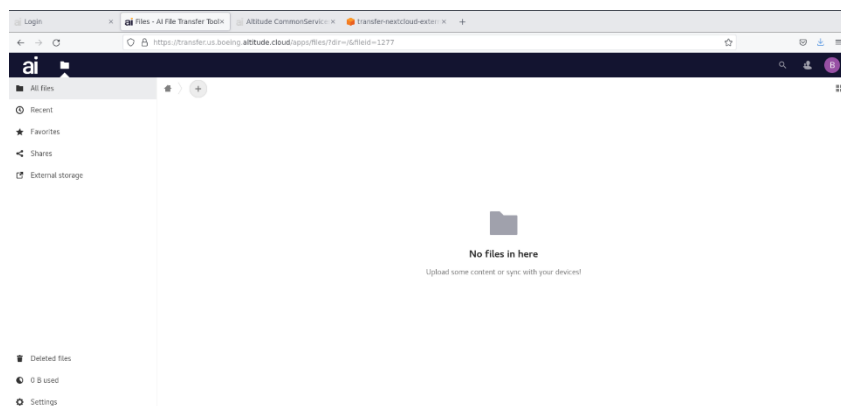
(From a workspace within the Altitude Managed Cloud) Navigate to <https://transfer.us.boeing.altitude.cloud> and click on “Okta Login”



Log into Okta. If prompted, enter your email as your username. You may need to enter your password or use tokens or the Okta Verify app to verify your login.

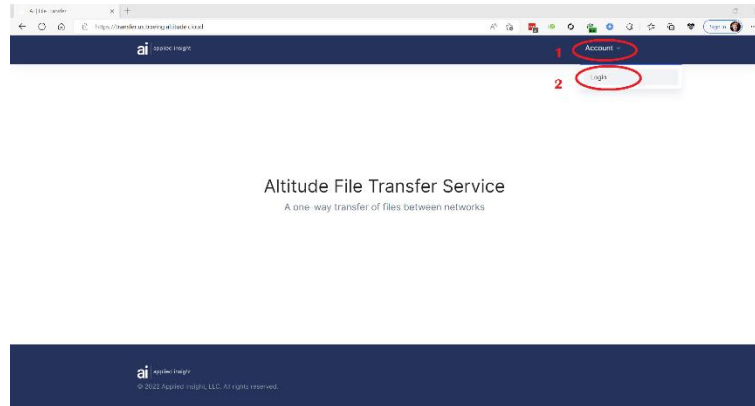


Once logged in, you should see a page like this:

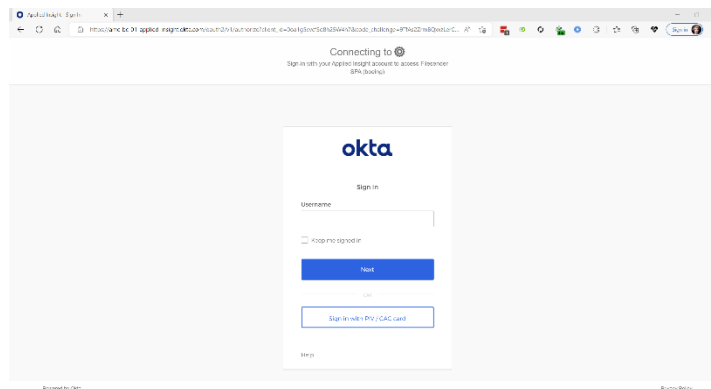


Uploading a File

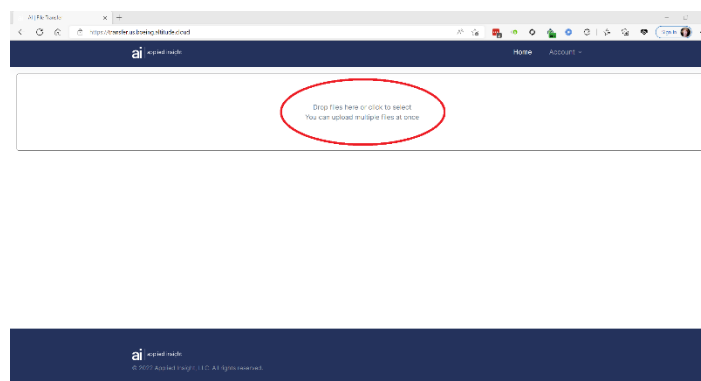
(From a device within the BEN) Navigate to <https://transfer.us.boeing.altitude.cloud>. Hover over the “Account” dropdown and click on “Login”



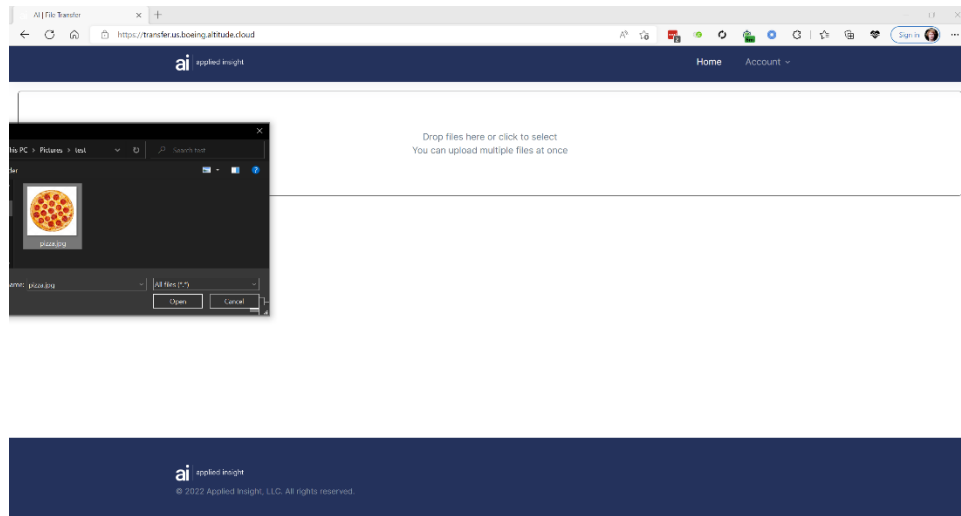
Log into Okta. If prompted, enter your email as your username. You may need to enter your password or use tokens or the Okta Verify app to verify your login.



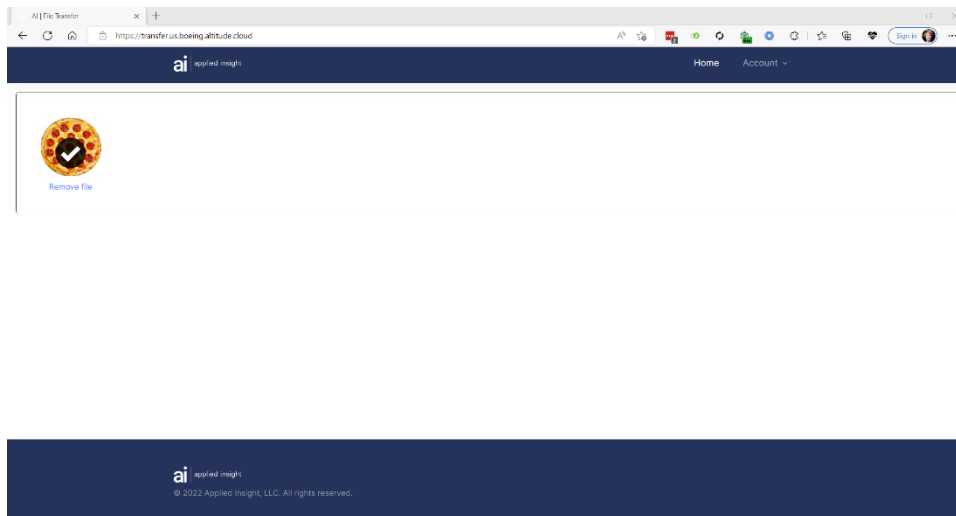
Once logged in, you should see a page like this. Click the dropzone (the large white rectangle) or drag and drop files to initiate a file upload. Multiple files can be selected.



(Example of dragging a file into the dropzone for upload)



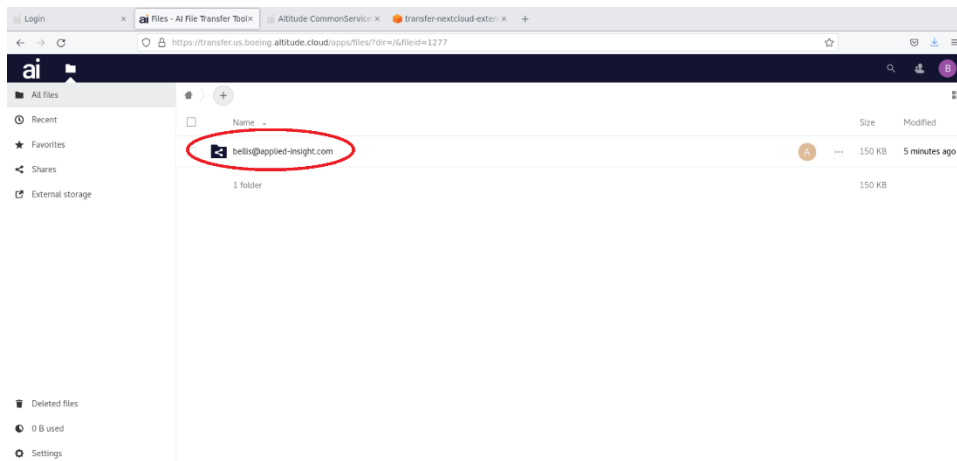
(Completed transfer of dragged file)



Note: Uploaded files will overwrite any existing file which has the same filename in the destination.

Retrieve a file from the Backend

(From a workspace within the Altitude Managed Cloud) Log into <https://transfer.us.boeing.altitude.cloud> as per the instructions above. There will be a folder with the same name as the user's email. Click on it.



Any files uploaded will be available for “Read Only” access from this folder. You can right click on the file to download the file.

