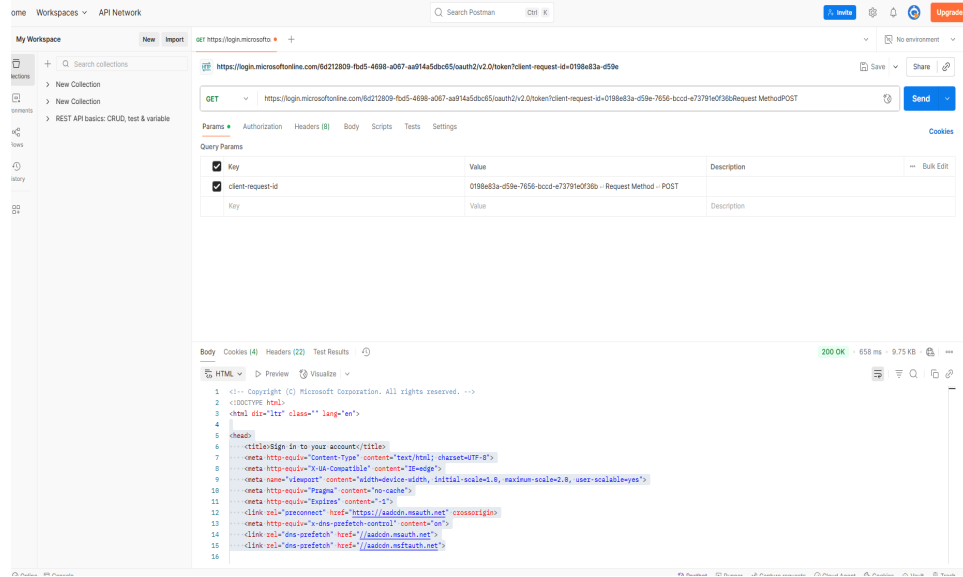


Microsoft Authenticator Ghost MFA Entry – Test Log Compilation

Test 1: Entra ID Access While on Leave

Initial login attempt using personal Hotmail account during leave. Received interaction_required and AADSTS16000 errors indicating user not recognized in the tenant.



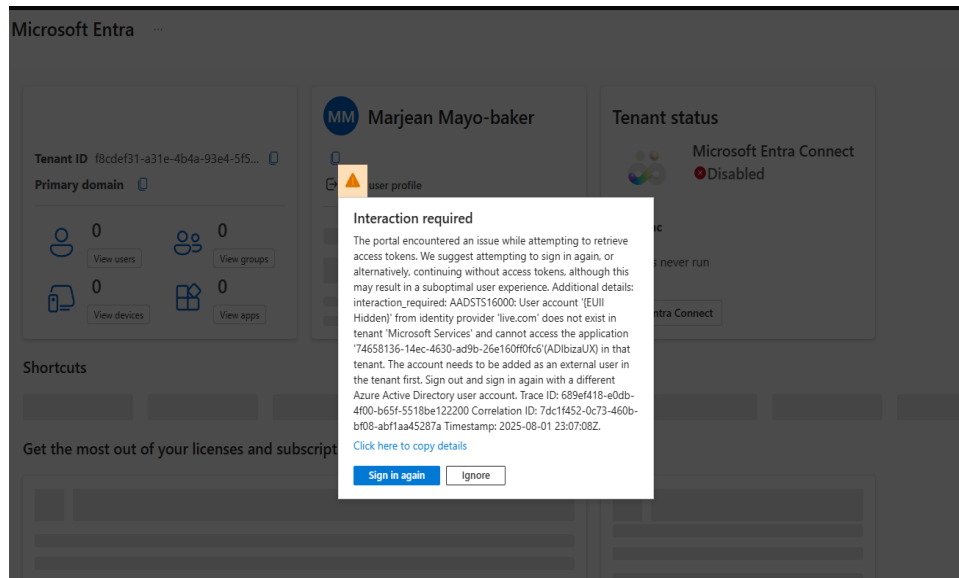
The screenshot shows a REST client interface with a GET request to the following URL: `https://login.microsoftonline.com/6d212809-fb05-4698-a067-a014a5db0550/auth2/v2.0/token?client-request-id=0198e83a-d59e-7656-bccd-e737916f386&request-method=POST`. The response is an HTML document with a status of 200 OK. The HTML content includes a title "Sign in to your account" and several meta tags for content type, charset, viewport, and device orientation. It also includes a link to the Microsoft account sign-in page.

Key	Value	Description
client-request-id	0198e83a-d59e-7656-bccd-e737916f386	Request Method - POST

```
1 <!-- Copyright (C) Microsoft Corporation. All rights reserved. -->
2 <!DOCTYPE html>
3 <html class="it" lang="en">
4
5 <head>
6
7 <title>Sign in to your account</title>
8 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
9 <meta http-equiv="X-UA-Compatible" content="IE=edge">
10 <meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=yes">
11 <meta http-equiv="Pragma" content="no-cache">
12 <meta http-equiv="Expires" content="-1">
13 <link rel="preconnect" href="https://aadcdn.msauth.net" crossorigin>
14 <link rel="dns-prefetch" href="https://aadcdn.msauth.net">
15 <link rel="dns-prefetch" href="https://aadcdn.msauth.net">
16
```

Test 2: Additional Token Retrieval Error

Follow-up access attempt returned error code 0x80190001 with timestamp, indicating token issue persisted after reattempts.



Test 3: Cross-Tenant Application Access Block

Another interaction_required prompt showing the user from 'live.com' is not an external user in the Microsoft tenant.

Interaction required

The portal encountered an issue while attempting to retrieve access tokens. We suggest attempting to sign in again, or alternatively, continuing without access tokens, although this may result in a suboptimal user experience. Additional details: interaction_required: AADSTS16000: User account '{EUII Hidden}' from identity provider 'live.com' does not exist in tenant 'Microsoft Services' and cannot access the application '74658136-14ec-4630-ad9b-26e160ff0fc6'(ADlbizaUX) in that tenant. The account needs to be added as an external user in the tenant first. Sign out and sign in again with a different Azure Active Directory user account. Trace ID: ee426618-b431-453e-bd65-12d928efb300 Correlation ID: 502739c3-ea64-482f-b069-3495d8cc6cf4 Timestamp: 2025-08-01 20:24:11Z.

[Click here to copy details](#)





Sign in again

Ignore

Test 4: Sign-in Method Duplication Observed

User confirmed the Microsoft Authenticator method displayed twice in their sign-in methods after re-registration.

+ Add sign-in method

	Password	Last updated: an hour ago	Change
	App password	thepasswordname	Delete
	Microsoft Authenticator Push multi-factor authentication (MFA)	SM-S926U	Delete
	Microsoft Authenticator Push multi-factor authentication (MFA)		Delete

Lost device? [Sign out everywhere](#)

Test 5: Authenticator + FIDO + Voice + OTP Settings

Review of all configured MFA methods and their policy settings under Entra Admin Center: Microsoft Authenticator, FIDO2, SMS, and Voice Calls.

CONTOSO (NULLCYPHER)

FIDO2 security key settings

	Name	Current setting
	Attestation enforced	Disabled
	Self service registration	Enabled
	Key restrictions enforced	Disabled

Microsoft Authenticator settings

elf service

	Name	Current setting
	Authentication mode	Any
	Number matching	Enabled
	Show application name	Disabled
	Show geographic location	Disabled
	Companion app	Enabled
	Software oath	Enabled

SMS settings

Name	Current setting
Usable for sign in	Disabled

Name	Current setting
Default lifetime	60 minutes
Default length	8 characters
Max lifetime	480 minutes
Usable once	Disabled

Voice call settings

Name	Current setting
Mobile phone	Disabled
Office phone	Disabled
Verification mode	