

## HEADERS

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Date: Fri, 8 Sep 2023 05:47:04 +0000

Subject: Microsoft account unusual signin activity

To: phishing@pot

From: Microsoft account team ,\_<no-reply@access-accsecurity.com>

Reply-To: sotrecognizd@gmail.com

Return-Path: bounce@thcultarfdes.co.uk

Sender IP: 89.144.44.2

Resolve Host: NULL

Message-ID: <032672b4-77ca-42f8-a036-9711e91bd1f3@DB8EUR06FT032.eop-  
eur06.prod.protection.outlook.com>

Received: from thcultarfdes.co.uk (89.144.44.2) by  
DB8EUR06FT032.mail.protection.outlook.com (10.233.253.34) with Microsoft SMTP  
Server id 15.20.6768.30 via Frontend Transport; Fri, 8 Sep 2023 05:47:04  
+0000

## URL 'S

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hxxp[://]thebandalisty.com/track/o43062rdzGz18708448Gdrw1821750fYo33632dSjh176

## ATTACHMENTS

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Attachment Name: NULL

MD5: NULL

SHA1: NULL

SHA256: NULL

## DESCRIPTION

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Received a suspicious email claiming to be from Microsoft Support.

It claims that the account has been placed on hold due to a suspicious login

The email claims an unusual "sign-in" activity from a user located in  
Russia/Moscow

## ARTIFACT ANALYSIS

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### 1. SENDER ANALYSIS:

+ The email claims that its from "The Microsoft account team" but we detect that  
"From" header contains an email address doesnt belong to Microsoft Domain

+ "Reply-To" Header contains an email from Google "sotrecognizd@gmail.com"  
doesn't belong to Microsoft which is suspicious.

+ "Return-Path" header contains an email "bounce@thcultarfdes.co.uk" doesn't  
belong to Microsoft, which is suspicious

+ Authentication checks such as SPF and DKIM failed, confirming that the email  
is suspicious

### 2. URL ANALYSIS:

+ While analyzing the HTML body of the email, a hidden image (1x1 pixel) was identified:

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+ This image is a **tracking pixel**, typically used to detect when the email is opened. The presence of such a pixel indicates that the sender is attempting to collect metadata such as IP address, location, and email client.

+ The use of a suspicious domain (`thebandalisty.com`) and the use of plain `http` (unencrypted) reinforces the likelihood that this email is malicious and not sent by a legitimate service.

+ This is a common technique used by attackers to confirm active victims and monitor engagement with phishing emails.

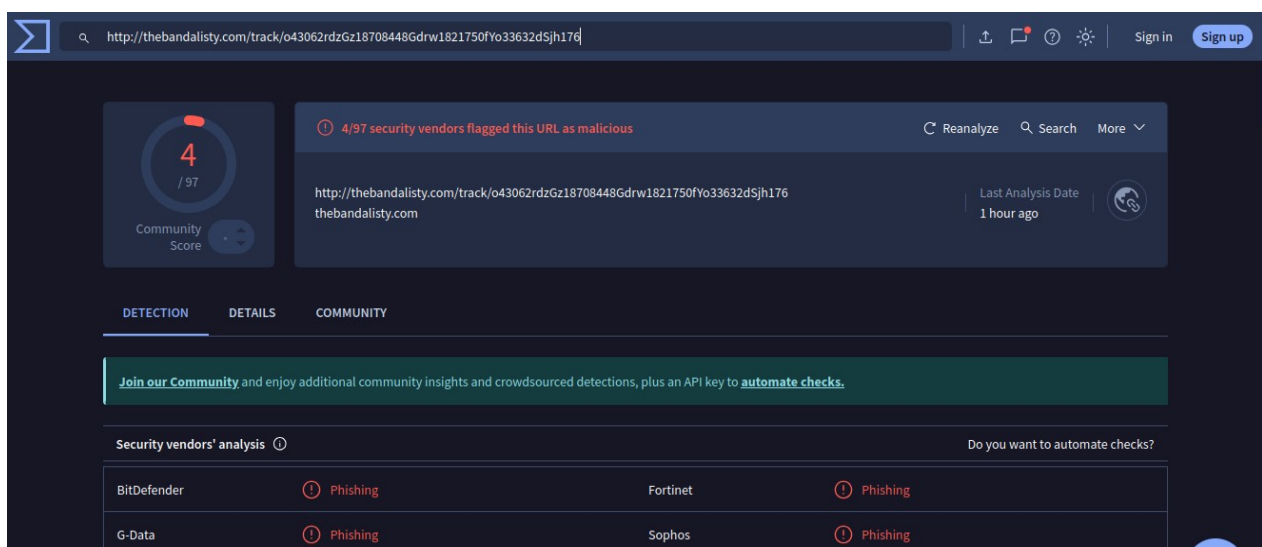
+ After scanning the URL using "VirusTotal", Four security vendors show that the URL is malicious (Phishing).

### 3. ATTACHMENTS ANALYSIS: NULL

### VERDICT:

+ The email shows himself as a legitimate email from Microsoft, but after analysis we confirm that it is a impersonation and spoofing attempt.

+ Additionally, after analyzing the URL contained in the email's call to action. It was flagged on Virustotal to be malicious.



### DEFENCE ACTIONS (in a organization):

+ After performing a message trace, no other users within the organization received an email from this sender or with this subject line.

+ To prevent the malicious sender from sending any other email to the organization, I have blocked the "bounce@thculturalfdes.co.uk" email address on the email gateway