How to Check SSL Certificates in Microsoft Edge and Chrome

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1. Introduction:

This guide will teach you how to check the SSL certificate of a website using Microsoft Edge and Google Chrome. By following these steps, you'll be able to view the certificate details, including the issuing authority, the domain it's issued to, and the expiration date. No special materials are needed, just a computer with either Microsoft Edge or Google Chrome installed.

2. Overview:

The process involves accessing the security information for a website through the browser's address bar. Here's a summary of the steps:

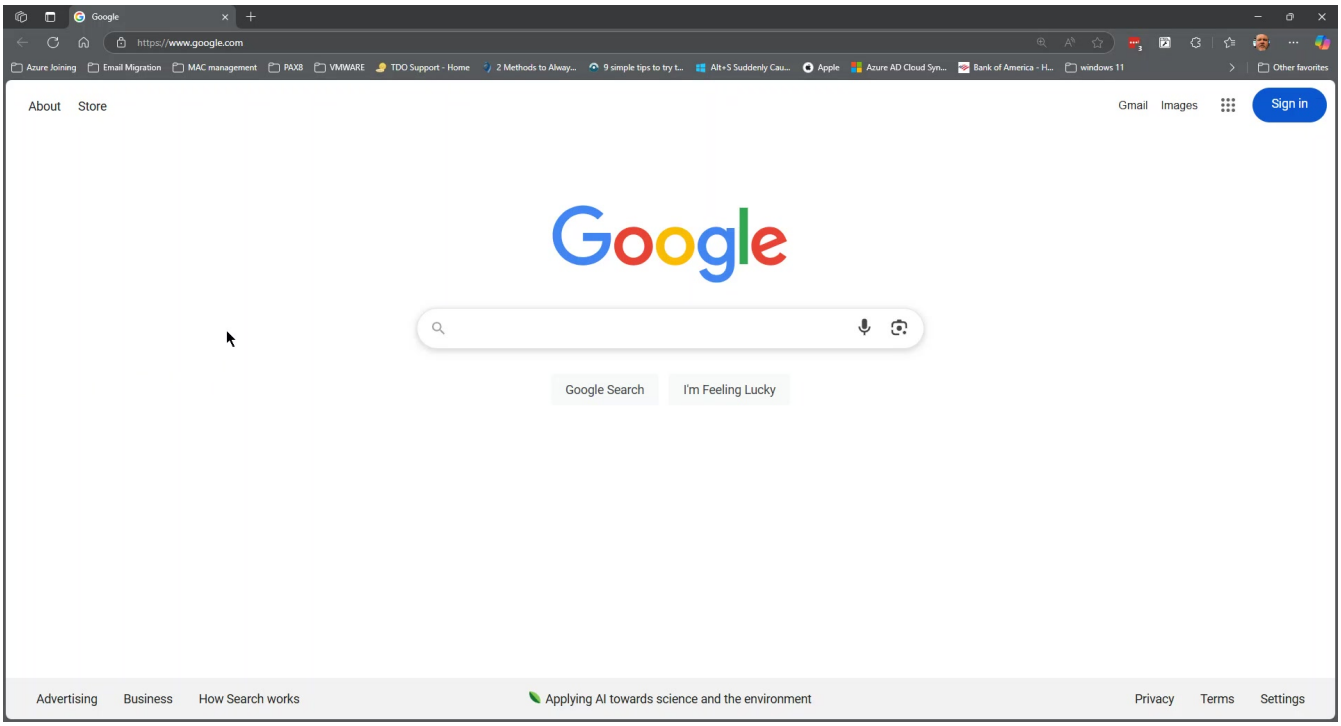
1. **Microsoft Edge:** Click the lock icon in the address bar, view the connection details, and then open the certificate window.
2. **Google Chrome:** Click the icon (usually a lock or information symbol) in the address bar, view the connection details, and then open the certificate information.

Checking the SSL certificate is important for verifying the website's identity and ensuring that your connection is secure and encrypted.

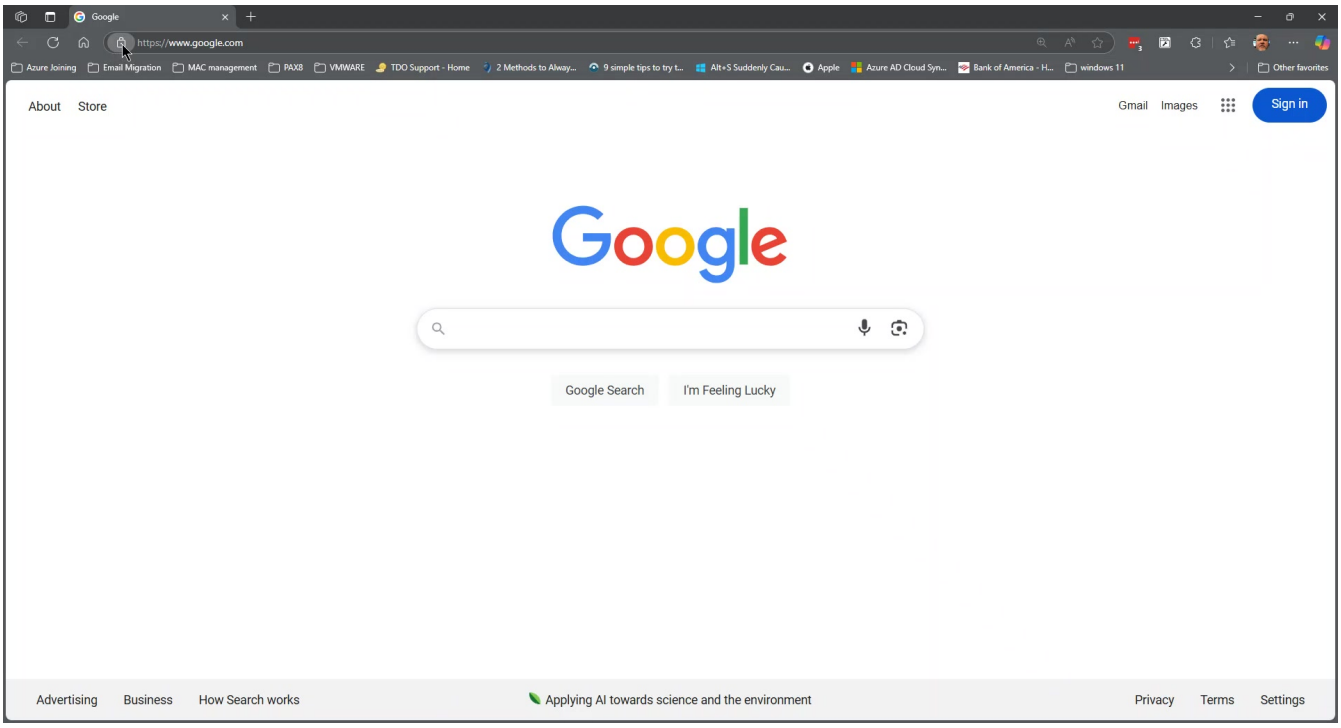
3. Detailed Steps:

3.1. Checking SSL Certificate in Microsoft Edge

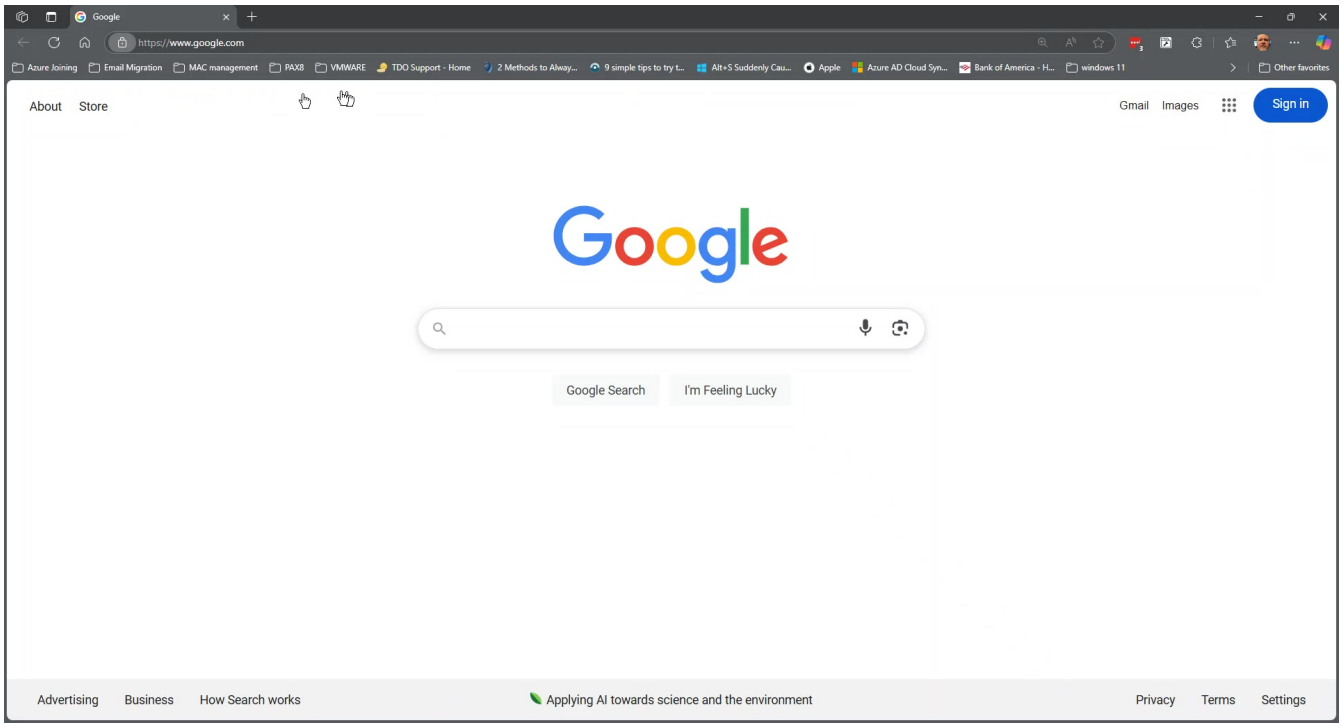
Step 1: Click the Lock Icon In Microsoft Edge, navigate to the website you want to check. Look for the lock icon in the address bar. Click on the lock icon.



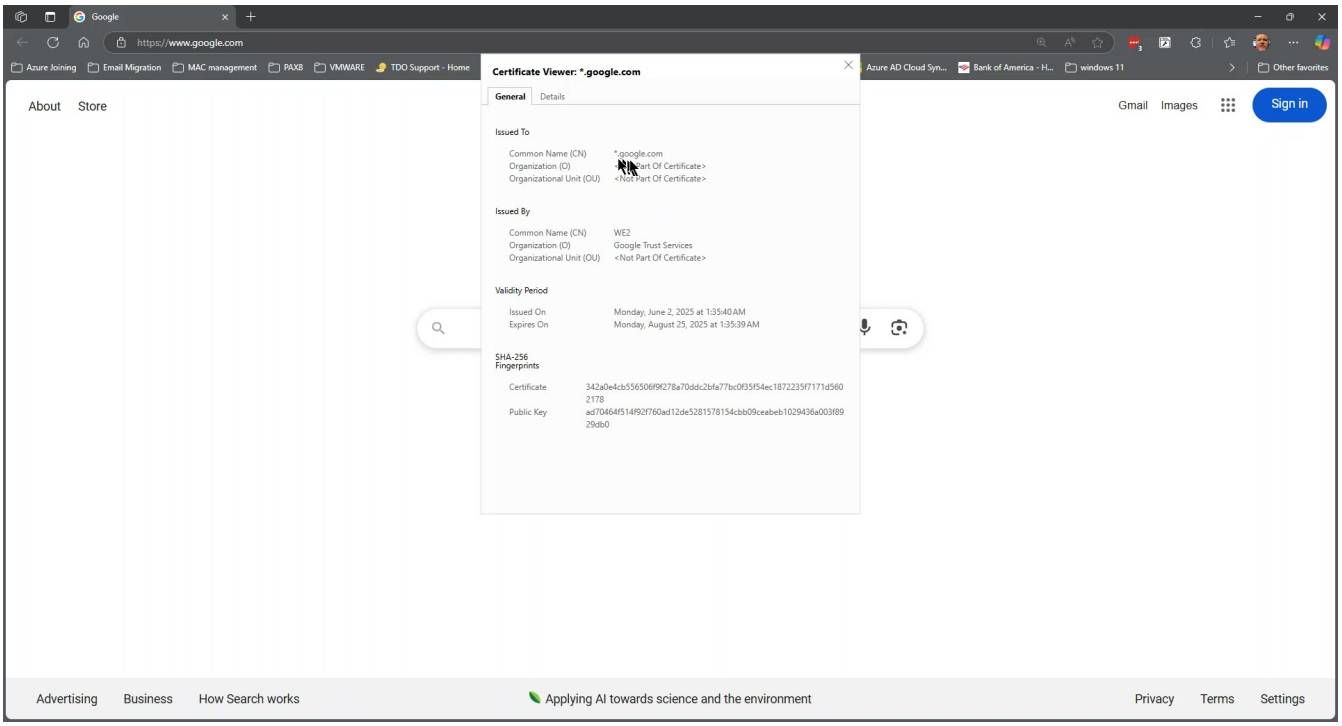
Step 2: View Connection is Secure A small window will appear. Click on "Connection is secure".



Step 3: Open the Certificate Window Click on the certificate icon (it looks like a certificate) in the window that appears. This will open the Certificate Viewer window.

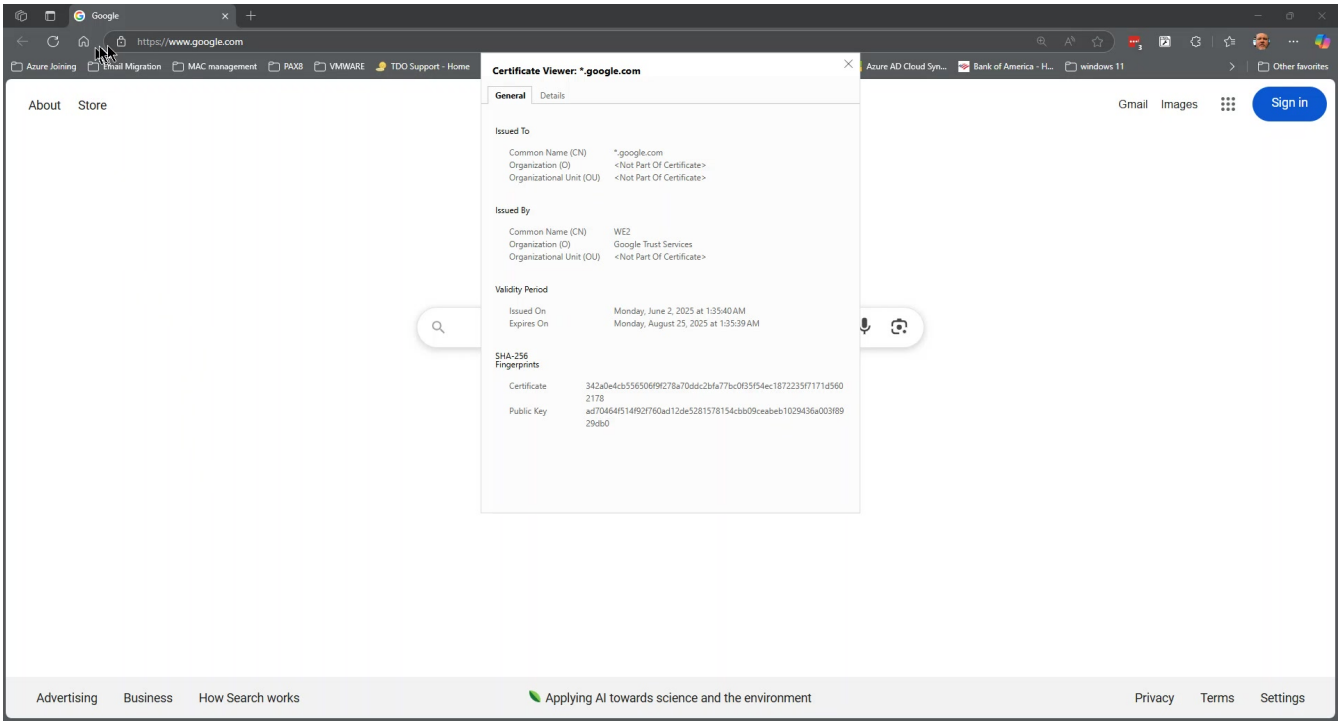


Step 4: Review Certificate Details The Certificate Viewer window displays details about the SSL certificate, including the issuer, the domain it's issued to, and the expiration date.

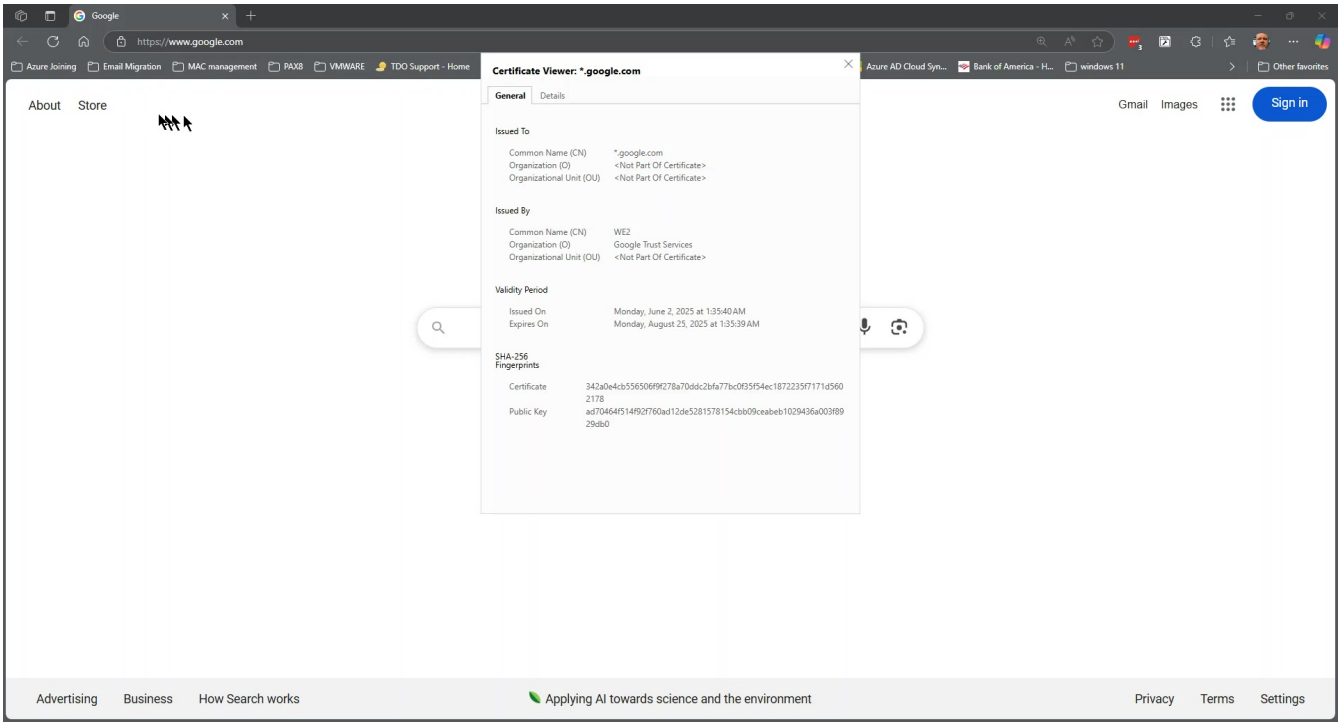


3.2. Checking SSL Certificate in Google Chrome

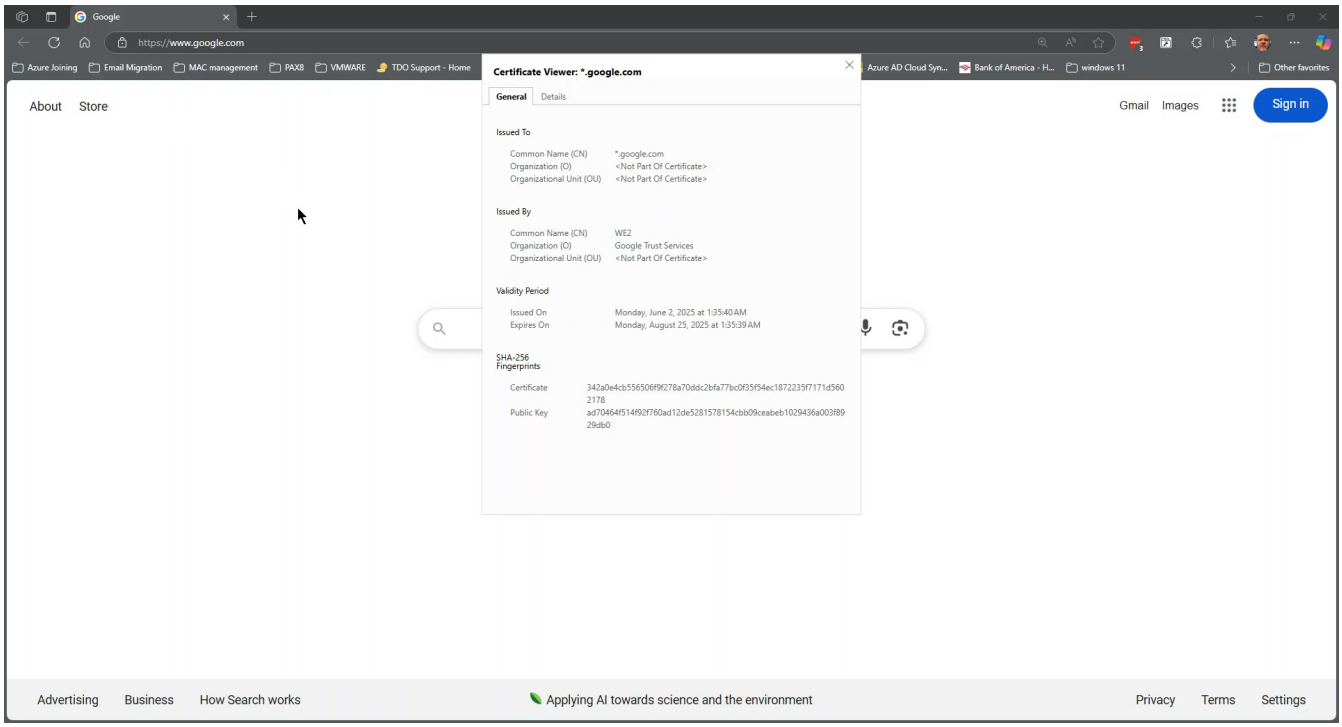
Step 1: Click the Icon in the Address Bar In Google Chrome, navigate to the website you want to check. Look for an icon (usually a lock or information symbol) to the left of the URL in the address bar and click on it.



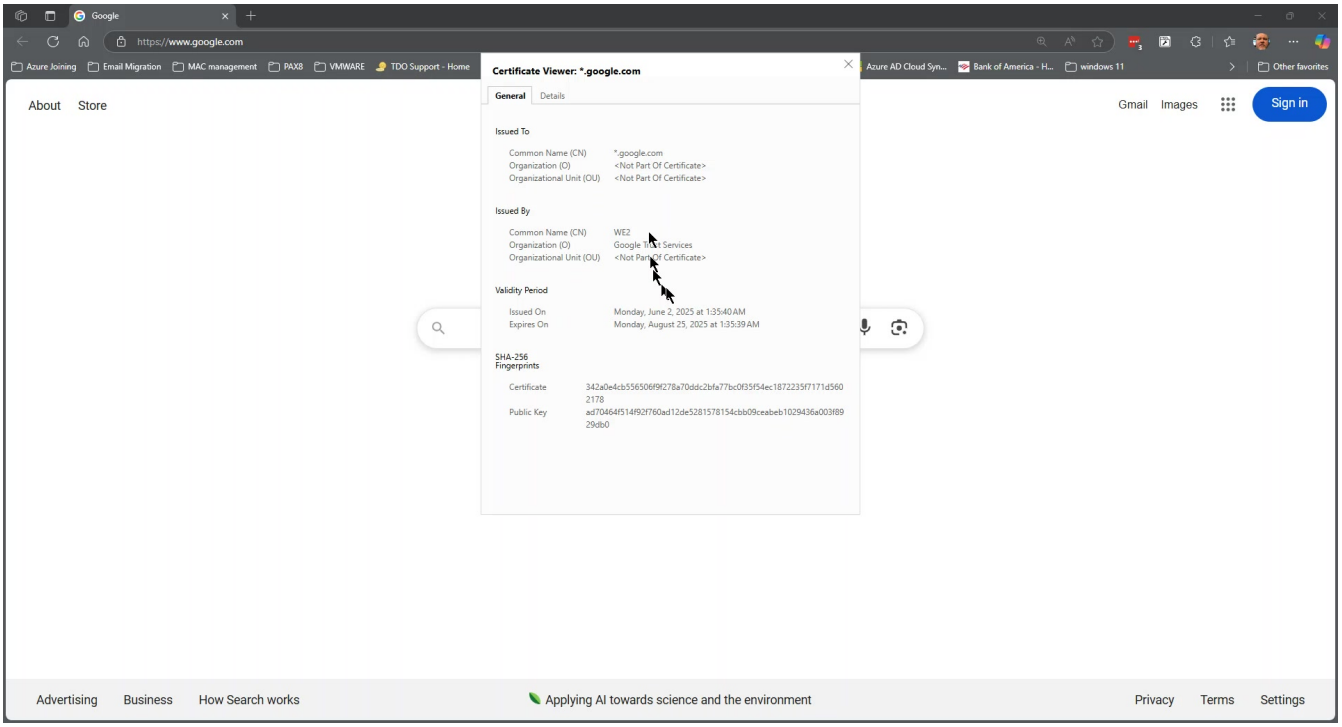
Step 2: View Connection is Secure A small window will appear. Click on "Connection is secure".



Step 3: Open the Certificate Information In the "Connection is secure" window, click on the button to view the certificate. This will open the Certificate Viewer window.



Step 4: Review Certificate Details The Certificate Viewer window displays details about the SSL certificate, including the issuer, the domain it's issued to, and the expiration date.



4. Troubleshooting:

- **No Lock Icon:** If you don't see a lock icon, the website may not have an SSL certificate installed, or there might be mixed content (both secure and insecure

elements) on the page. In such cases, avoid entering sensitive information on the site.

- **"Not Secure" Warning:** If you see a "Not Secure" warning, the SSL certificate may be expired, invalid, or not properly configured.
- **Wildcard Certificates:** A wildcard certificate (indicated by a star * in front of the domain name) covers multiple subdomains of a domain (e.g., *.example.com covers www.example.com, mail.example.com, etc.).

5. Summary:

You have successfully learned how to check the SSL certificate of a website using both Microsoft Edge and Google Chrome. This allows you to verify the website's identity and ensure a secure connection. As a next step, you could research different types of SSL certificates and their purposes.

Online URL: https://kb.naturalnetworks.com/article.php?id=918