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IT 223 B01

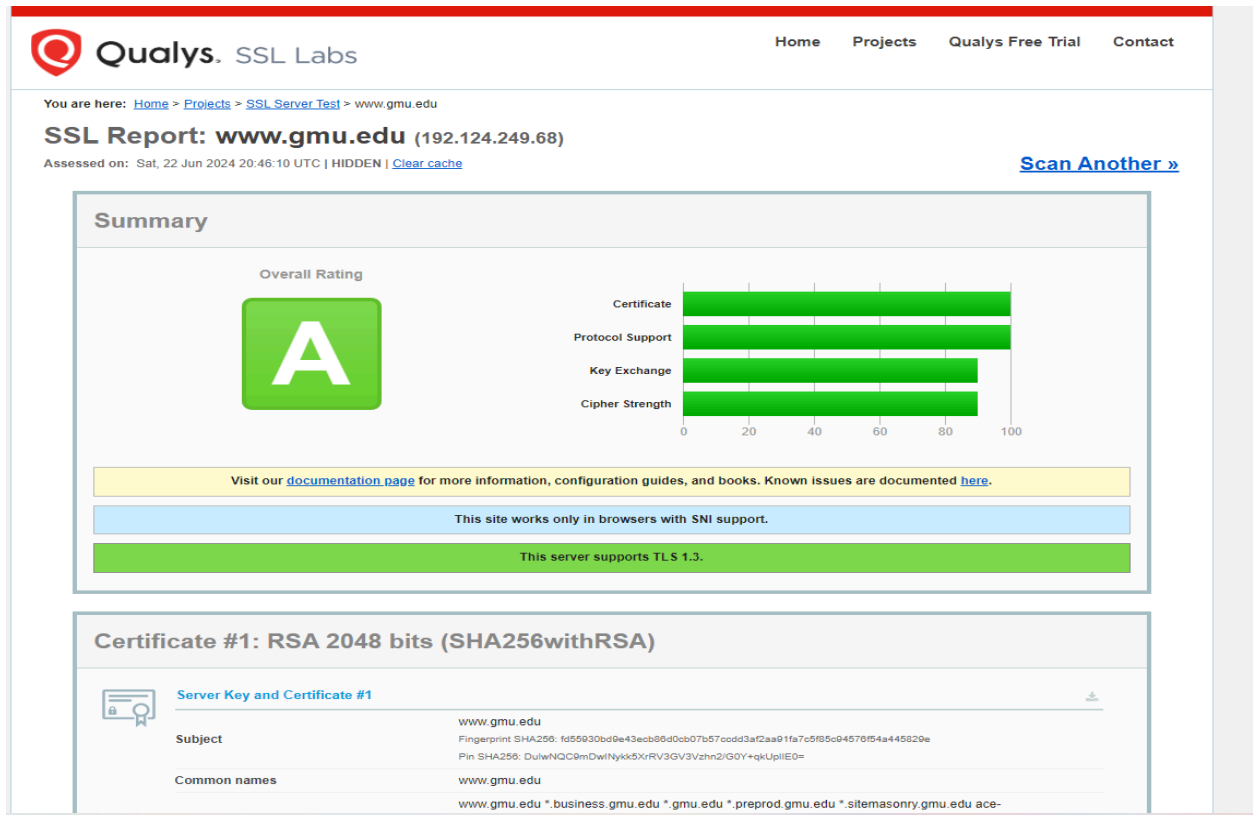
Qualys SSL Labs – SSL Server Test

Background Information and Directions

A part of a network/website administrator's job is to secure the transmissions between the client's browser and webserver using SSL/TLS. Sometimes, websites will use "deprecated" cipher suites with weak encryption algorithms, siding on usability over security. You can check the strength of the webserver's ciphers using SSL Server Test <https://www.ssllabs.com/ssltest/> .

Steps

1. Open the SSL Server Test by navigating to <https://www.ssllabs.com/ssltest/> in your browser.
2. At the "Hostname" text box, place www.gmu.edu in the file, click on "Do not show the results on the boards" box and click on Submit.
3. Give it a few minutes to display.
4. What overall rating did GMU score? What version of TLS or SSL is supported?
GMU Received an A, TLS 1.3



5. Find another website that you frequent and check it.

Amazon.com, it got a B

6. What overall rating did the site you chose score? What version of TLS or SSL is supported at the site you chose? It got a B and it supports TLS 1.3

7. Provide the answers at Steps 4 and 6 and a screenshot of your site at Step 6.

You are here: [Home](#) > [Projects](#) > [SSL Server Test](#) > [amazon.com](#) > 52.94.236.248

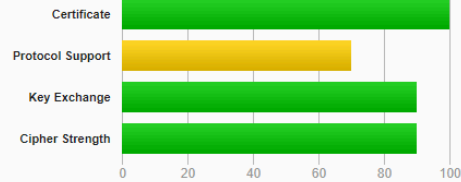
SSL Report: [amazon.com](#) (52.94.236.248)

Assessed on: Sat, 22 Jun 2024 19:09:23 UTC | [HIDDEN](#) | [Clear cache](#)

[Scan Another »](#)

Summary

Overall Rating



Visit our [documentation page](#) for more information, configuration guides, and books. Known issues are documented [here](#).

This server supports TLS 1.0 and TLS 1.1. Grade capped to B. [MORE INFO »](#)

This server supports TLS 1.3.

Certificate #1: RSA 2048 bits (SHA256withRSA)



[Server Key and Certificate #1](#)



Subject

*.peg.a2z.com

Fingerprint SHA256: bb638b53bde53dff9e8f707b0be32751e84fd805910036281902b204b002a50

Pin SHA256: Ed2cQ7afGimEu1/mbjgo+6D7bLWOGn14R83JptnHogk*

Common names

*.peg.a2z.com

amazon.co.uk uedata.amazon.co.uk www.amazon.co.uk origin-www.amazon.co.uk *.peg.a2z.com