How to overcome an HTTP error 421 occured: SSL handshake error with the abapGIT plugin in Steampunk

[Go to solution](#)

SAP [Andre_Fischer](#)

Product and Topic Expert

[Options](#)

2024 Mar 12 **- edited** 2024 Mar 12

2 Kudos

 3,795

- **SAP Managed Tags:**

- [SAP BTP, ABAP environment](#)

When trying to add a new repository from GitHub.com I ran into the problem that the following error message was shown:

HTTP error 421 occured: SSL handshake with github.com:443 failed: SSSLERR_PEER_CERT_UNTRUSTED (-102)

The error is due to the new SSL root certificate that is used on github.com since March the 7th.

- **[abapGit](#)**

- **[github](#)**

Know the answer?

Help others by sharing your knowledge.

Answer

Need more details?

Request clarification before answering.

Comment

Comments (0)

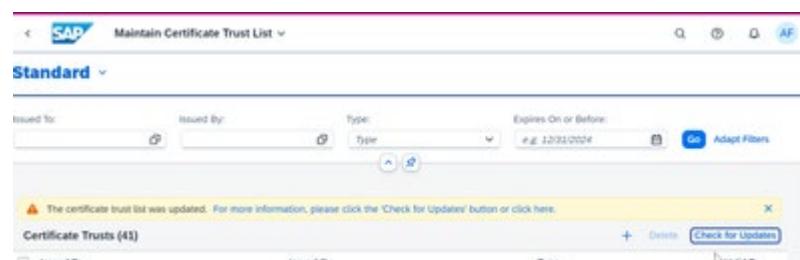**Accepted Solutions** (1)

SAP **Andre_Fischer**

Product and Topic Expert

2024 Mar 12

7 Kudos

Using the Maintain Certificate Trust List App in your SAP BTP ABAP Environment system you can update the prefilled list of certificates that is delivered by SAP. (see button "Check for Updates").

There you will have the following dialogue.

Since quite some time we (SAP) are offering to automatically update the list of trusted certificates managed by SAP on a regular basis.

With the upcoming next release this will be enabled by default.
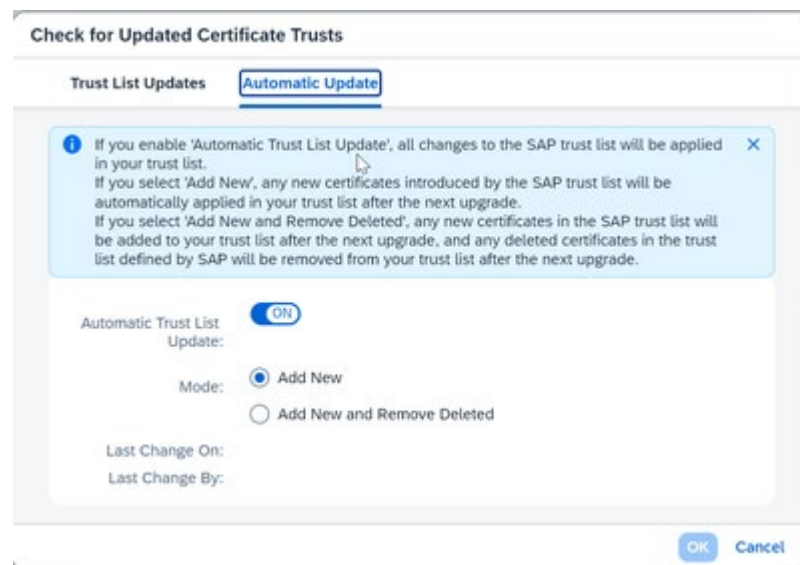
If this does not help because the certificate is not on the list even after you have refreshed the list you can (as a workaround) upload the certicate of the web site (in this case GitHub.com) you want to connect to as a certificate that is "Managed by Customer" as shown in the following screen shots.

My colleagues are working on updating the list of trusted certificates, but in the meantime you would have to use the aforementioned workaround.
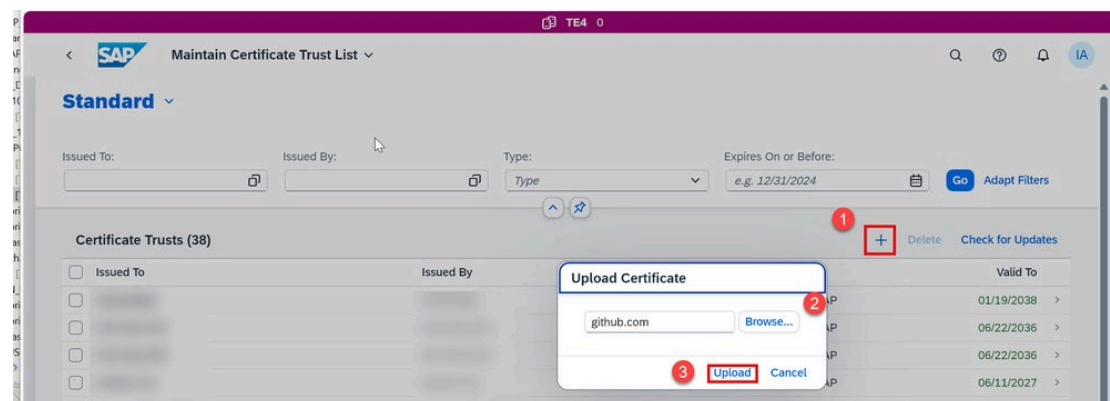
SAP Display Certificate ∨

github.com

Serial Number: 4E:28:F7:86:B6:6C:1A:3B:94:2C:D2:C4:0E:B7:42:A5

Algorithm: ECDSA+SHA256

Managed by Customer

Certificate

Subject

Issued To:	github.com
Org. Unit:	
Organization:	
Country:	
City:	
State:	

Issuer

Issued By:	Sectigo ECC Domain Validation Secure Server CA
Org. Unit:	
Organization:	Sectigo Limited
Country:	GB
City:	Salford
State:	Greater Manchester

Validity

Valid From:	03/07/2024
Valid To:	03/08/2025

Public Key Information

Algorithm:	ECDSA
Public Key:	

You must be a re