Attaching USB Token / DSC (Digital Signature Certificate) on Traces Website

https://contents.tdscpc.gov.in

This document aims to help user to attach USB Token / DSC on Traces Website.

This is document is published for the domain users of vijayco.cloud

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Error Statement

Error in establishing connection with TRACES WebSocket Emsigner. Please ensure that Web signer setup is installed, and service is running on your machine and there are no proxies enabled on the browser while doing DSC activities.

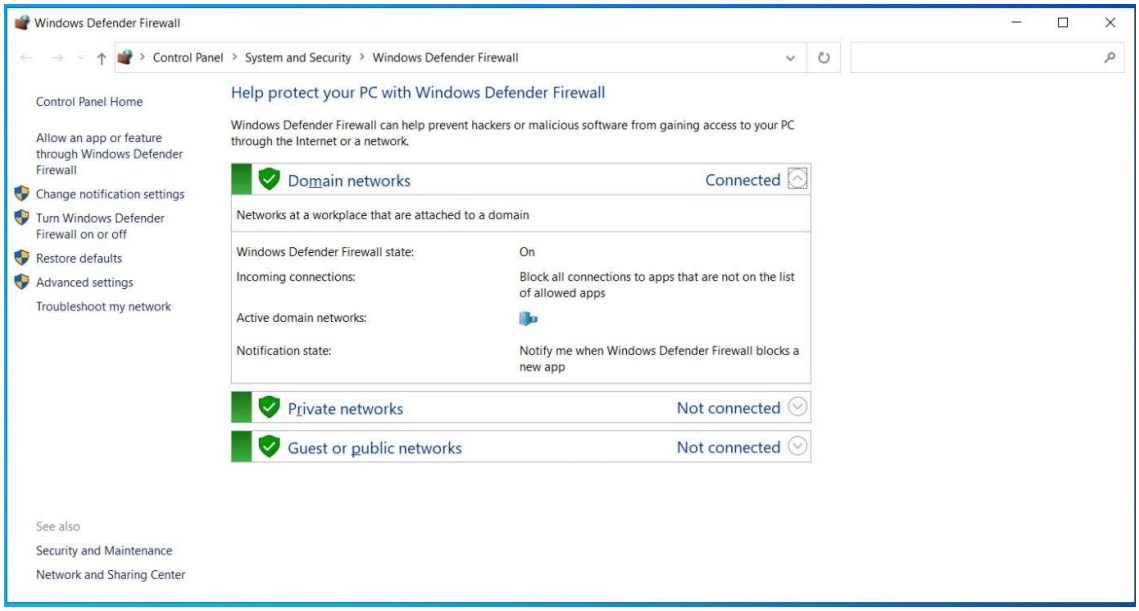
Potential Clauses

1. Windows Firewall is blocking Emsigner
2. Java Version required : Any 32 Bit or 8.0.1620.12
3. Traces website and Emsinger Port is being blocked by Chrome & Java Security.

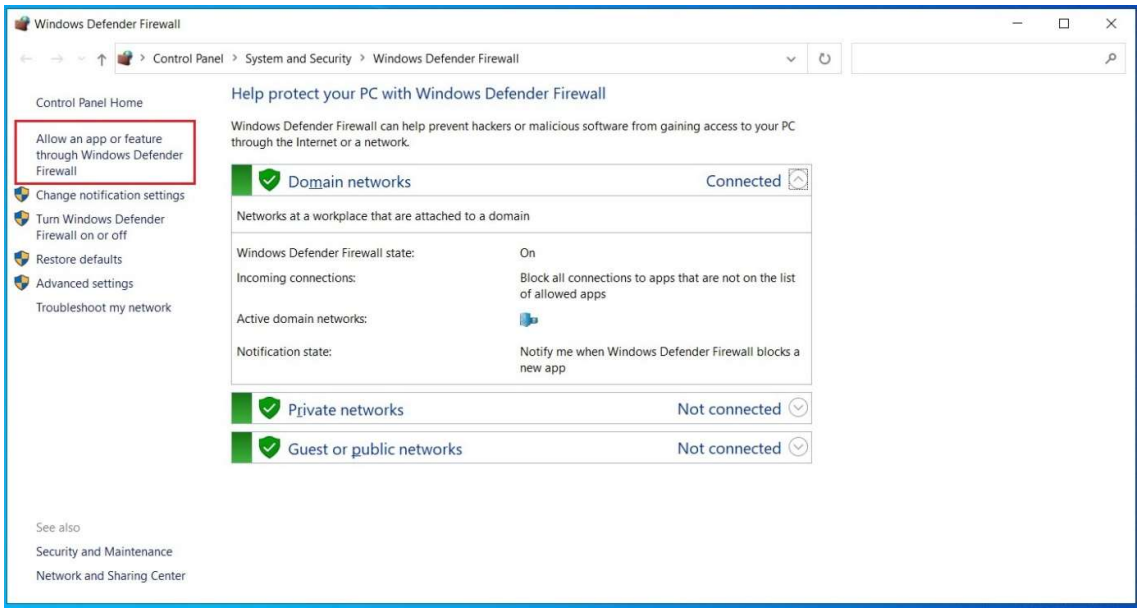
Resolutions to above problem

1. Windows Firewall blocking emSigner

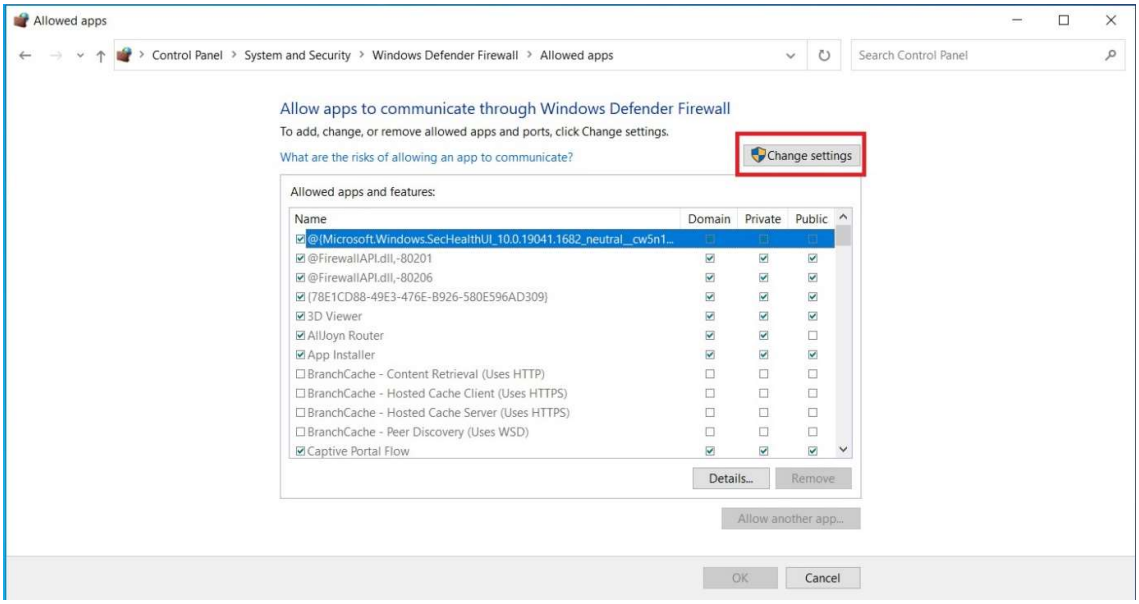
    - Step 1 : Go to Start→ Windows Defender Firewall



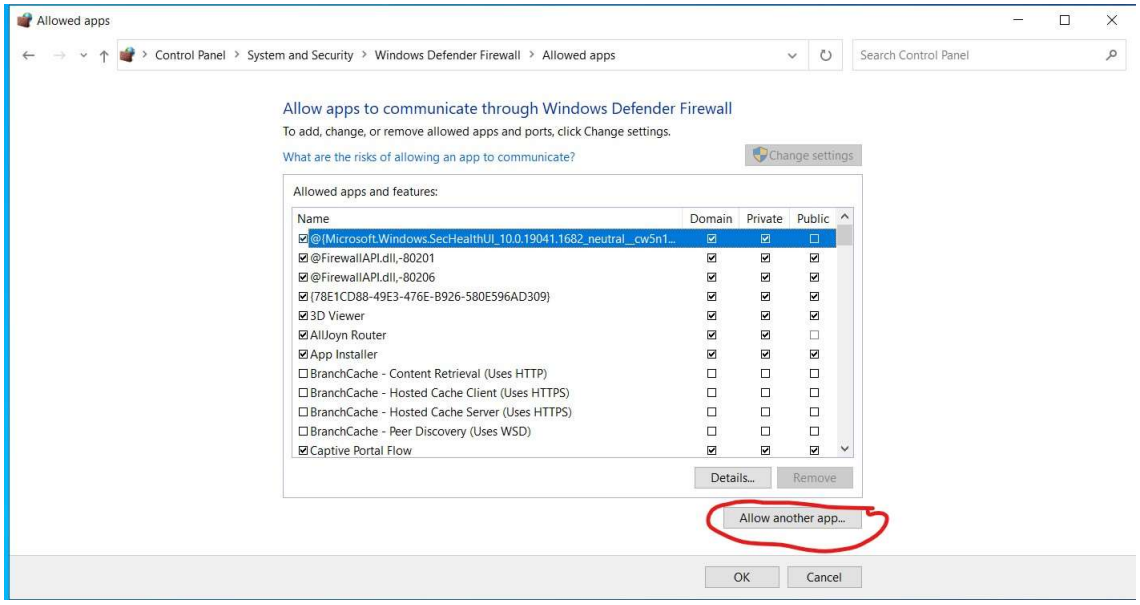
- Step 2 : In the left panel, click on “Allow a program through windows firewall”



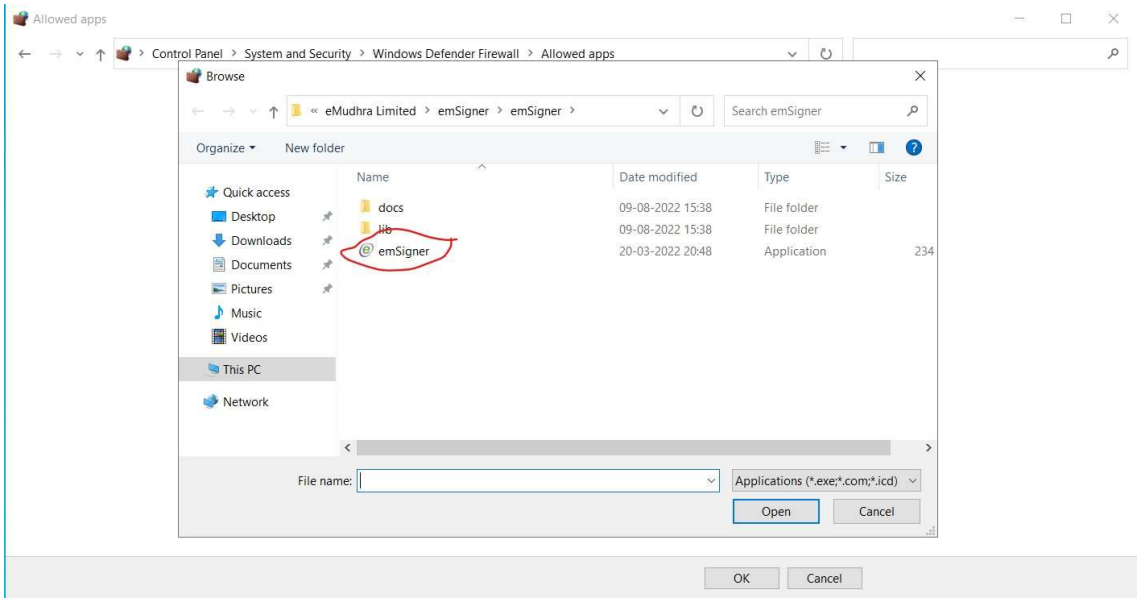
- Step 3 : On the top left corner click on “Change Settings”



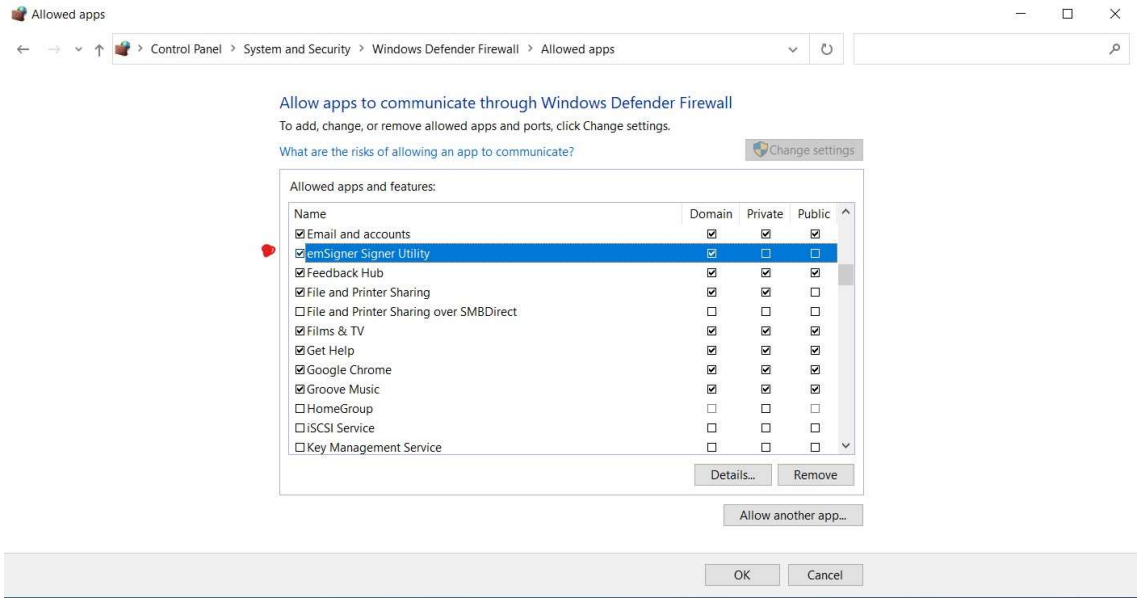
- Step 4 : Click on “Allow another app”



- Step 5 : Add “emSigner”

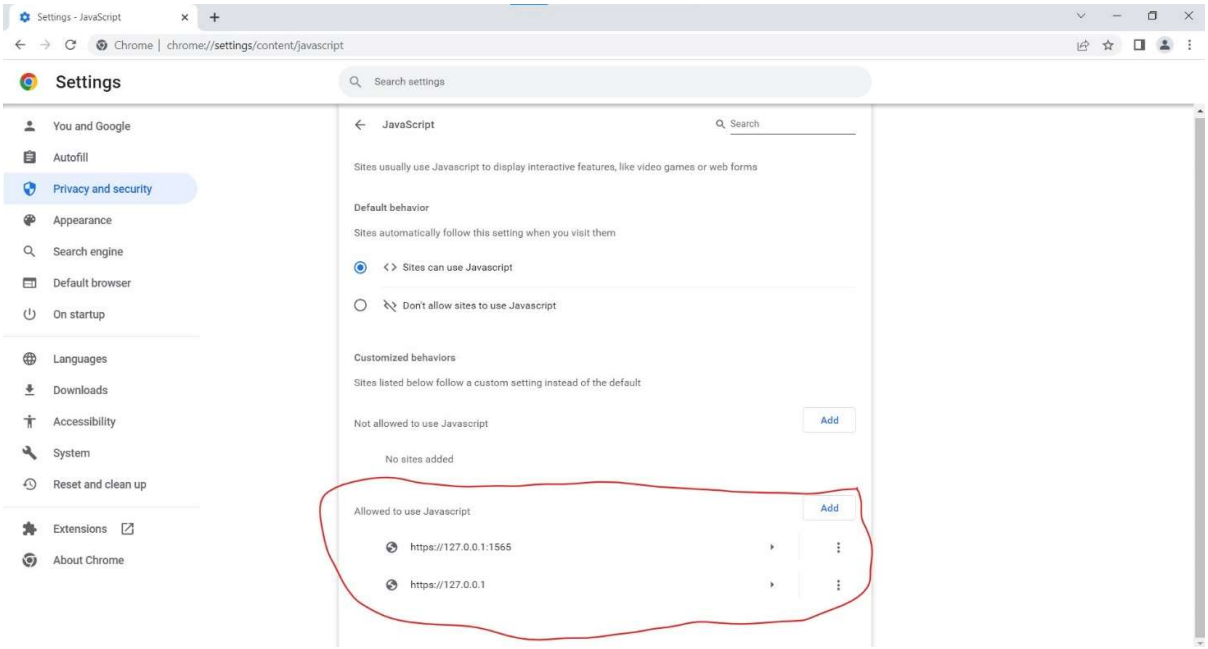


- Step 6 : You will see, emSigner Singer Utility is added to Allow Apps.

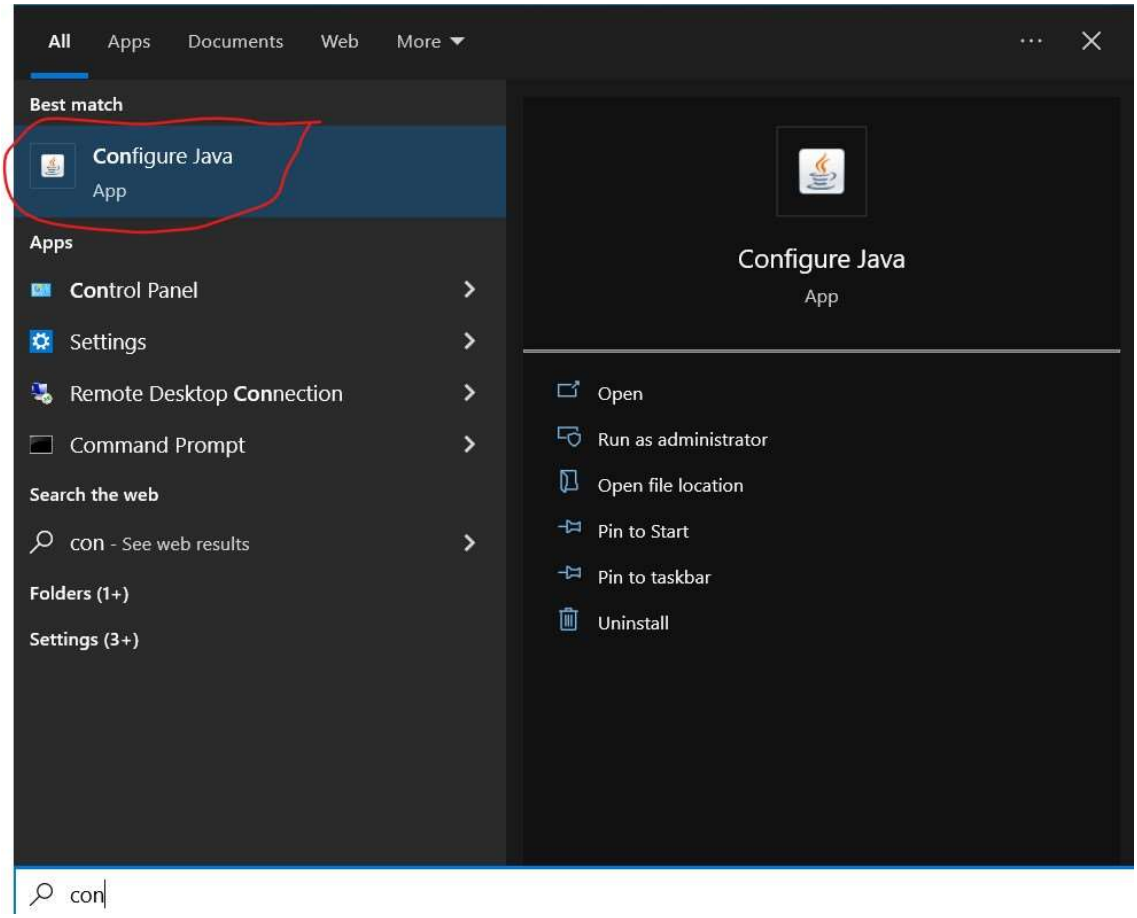

Allowed apps
Control Panel › System and Security › Windows Defender Firewall › Allowed apps
Allow apps to communicate through Windows Defender Firewall
To add, change, or remove allowed apps and ports, click Change settings.
What are the risks of allowing an app to communicate?
Change settings
Allowed apps and features:
Name
Domain
Private
Public
Email and accounts
emSigner Signer Utility
Feedback Hub
File and Printer Sharing
File and Printer Sharing over SMBDirect
Films & TV
Get Help
Google Chrome
Groove Music
HomeGroup
iSCSI Service
Key Management Service
Details...
Remove
Allow another app...
OK
Cancel

2. Java Version Required : Latest 32 bit or 8.0.1620.12
    - Step 1 : Download the latest 32-bit Java Version from Java website or down 8.0.1620.12 version.
    - Step 2 : Install the above downloaded version on your PC.
    - Step 3 : Open Google Chrome
    - Step 4 : Settings or type in chrome://settings/content/javascript in the address bar of chrome browser
    - Step 5: Site Settings
    - Step 6 : JavaScript
    - Step 7: Allow the following sites to **Allowed**
        - https://127.0.0.1:1565
        - https://127.0.0.1

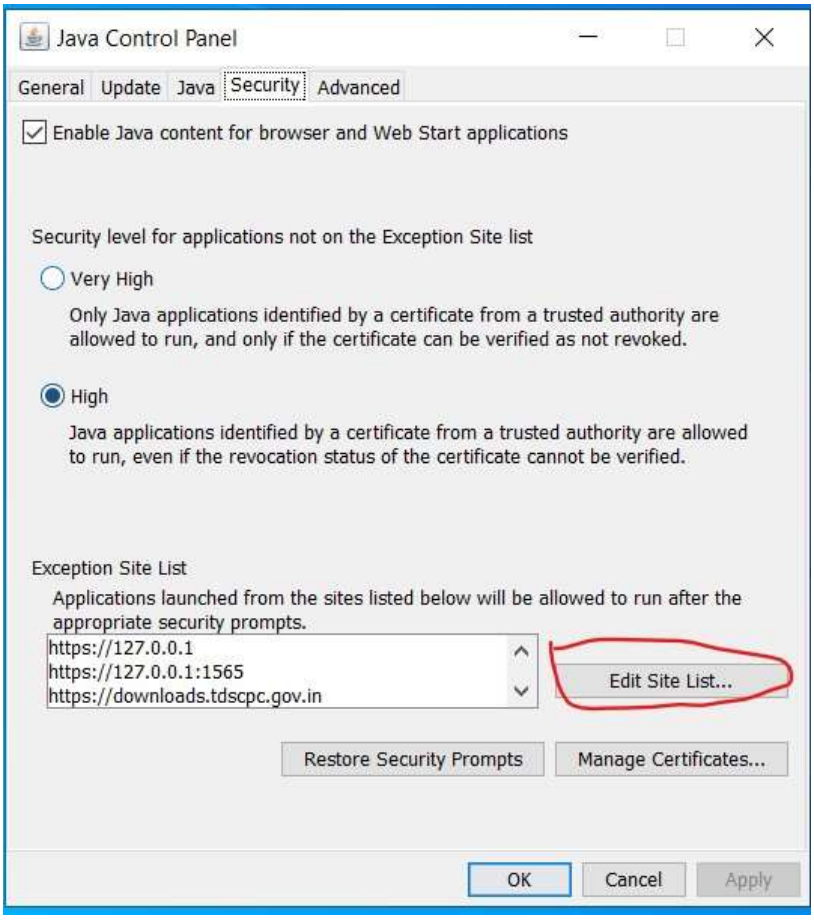
      as below:



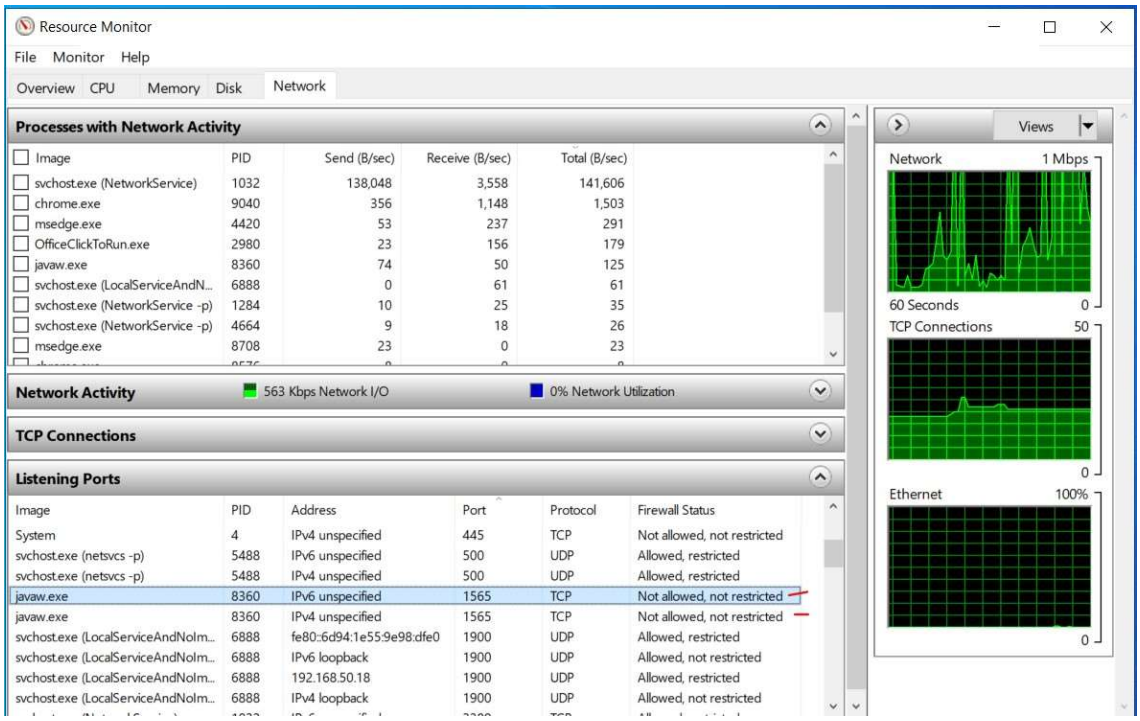
- Step 8 : Start->Configure Java→ Security



- Step 9: Edit Site List:
  - Add following sites
    - https://127.0.0.1:1565
    - https://127.0.0.1
    - https://tdscpc.gov.in
    - https://downloads.tdscpc.gov.in
    - https://files.tdscpc.gov.in



- Step 10: After above changes, kindly restart emSigner in admin mode (i.e., Run as Administrator) and verify whether Emsigner is running without being blocked by Windows firewall.
    - To check and confirm
    - Step 1: Go to Start→ Resource Monitor→ Network→Listening Ports



Now its complete.

Check the Traces portal it should function properly.