TATA CONSULTANCY SERVICES

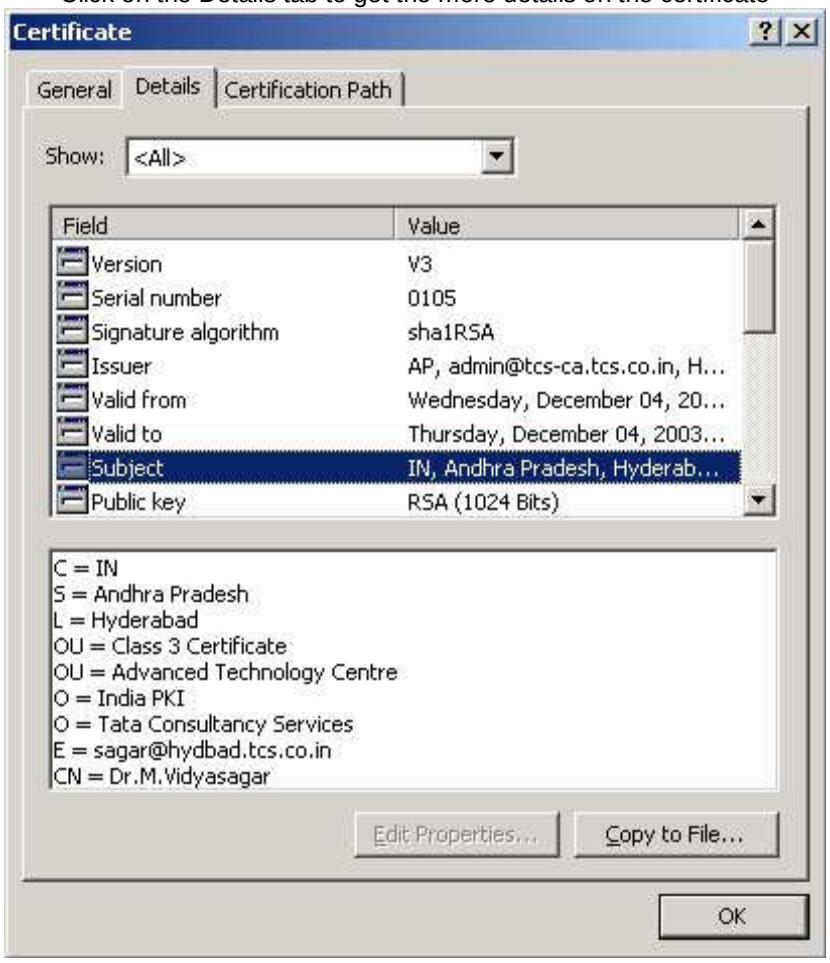
CERTIFYING AUTHORITY

CERTIFICATES

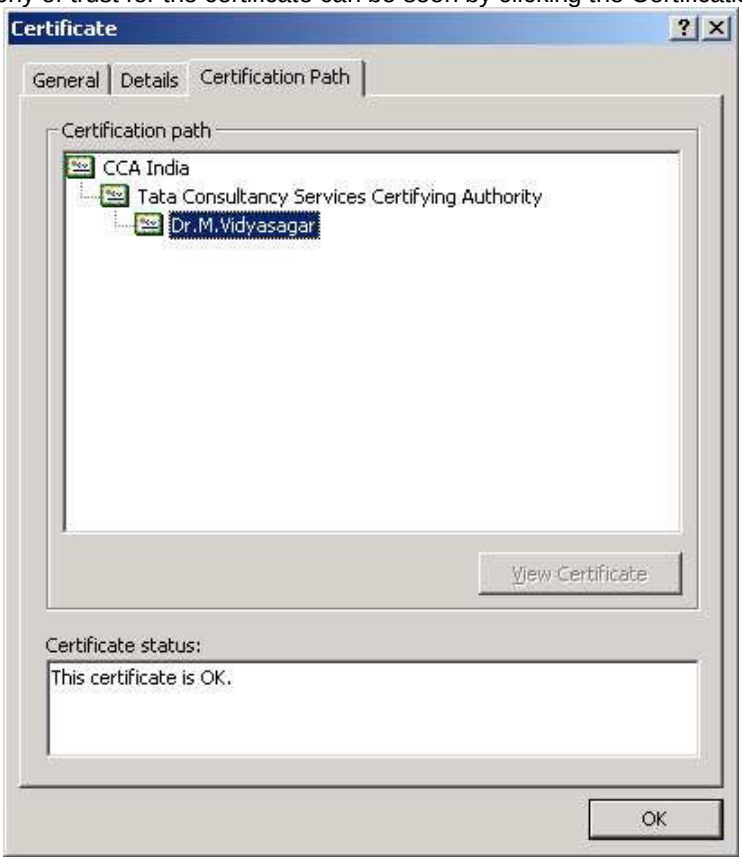
The certificates issued by TCS-CA is in X509 v3 format. In Microsoft windows machines, it will be recognized by the extension ".cer".

To view the certificates, double click the .cer file

Click on the Details tab to get the more details on the certificate



The Hierarchy of trust for the certificate can be seen by clicking the Certification Path tab



In this example, the certificate is issued by TCS-CA, whose certificate is issued by CCA India.

PKCS #12 FILES

PKCS stands for Public Key Cryptographic Standard. PKCS #12 is the standard for transporting the private key along with the certificate securely. It has both the private key and the certificate. The private
key is encrypted.
When the Subscriber downloads the certificate into the IE browser, the certificate is stored in the key store where the private key is generated. To use the credentials in some other machine, the Subscriber
has to export the private key and the certificate from the browser as a PKCS #12 file.
The extension for the PKCS #12 file is either “.p12” or “.pfx”