

TATA CONSULTANCY SERVICES

TCS.Beyond the obvious.



User Guide for Installing TCS-CA Trust Chain.

ABOUT THE DOCUMENT

This document describes the procedure to install TCS-CA Trust Chain for the subscribers to whom Digital Signature Certificates were issued during the period Tuesday, March 28, 2006 to Saturday, July 04, 2009 and who have encountered an error "Certificate has expired or not yet valid" or "The page requires a valid SSL client certificate".

ERROR SCENARIO-I

ertificate	? ×
General Details Certification Path	
Certification path	
CCA India	
Tata Consultancy Services Certifying Authority	
🔤 🔛 Jetal Dipen Mehta	

ERROR SCENARIO-II

The page requires a valid SSL client certificate

Your client certificate has expired or is not yet valid. A Secure Sockets Layer (SSL) client certificate is used for identifying you as a valid user of the resource.

Please try the following:

- Contact the site administrator to establish client certificate permissions.
- If you already have a valid client certificate, use your Web browser's security features to ensure that your client certificate is installed properly. (Some Web browsers refer to client certificates as browser or personal certificates.)
- Change your client certificate and click the Refresh button, if appropriate.

HTTP Error 403.17 - Forbidden: Client certificate has expired or is not yet valid. Internet Information Services (IIS)

Fechnical Information (for support personnel)

- Go to Microsoft Product Support Services and perform a title search for the words HTTP and 403.
- Open IIS Help, which is accessible in IIS Manager (inetmgr), and search for topics titled About Certificates, and About Custom Error Messages.

GETTING STARTED

- 1) Log on to https://www.tcs-ca.tcs.co.in
- 2) Click on Certificate Chain (TCS-CA & CCA).

About Us	Services	Products	Resources	Support	Repository	News	t the second
				DANIL	Certification F	Practice Statement (CPS)	1 and 1
	Digital Certificates		Identity Management	BAN	Certificate Re	avocation List (CRL)	
_					Certificate Se	arch	TANK S
E	Desktop	R	Application			I	
	Security		Security				

3) Click Download.



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4) Click on TCSCA 2006.

Services	Certificate Chain Download
▶ Certificate Chain _Instructions to Download ─Download	Download Certificates CCA Old and New Certificates
	CCA CCA 2007 Old TCS-CA Certificates TCSCA TCSCA 2006 New TCS-CA Certificate
	TCSCA Sub - CA Certificates TCS Test - Issuing Authority
	Securities and Exchange Board of India - Issuing Authority NSE.IT Limited - Issuing Authority Chhattisgarh Infotech and Biotech Promotion Society - Issuing Authority

P A G E

4

5) Click **Save** to save the tcs-canew.cer file on your system.



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6) Save the Trust Chain on Desktop.

Save As				<u>?</u> ×
Save jn:	🞯 Desktop	•] 🕓 🖄 📂 🔜	-
My Recent Documents Desktop My Documents My Computer	My Documents My Computer My Network Places tcs-canew			
My Network	File <u>n</u> ame: tcs-car	new	•	<u>S</u> ave
Places	Save as type: Securi	ty Certificate	•	Cancel

7) Double Click on the certificate and click open.



8) Click Install Certificate.



9) Click Next.



10)Select "Automatically select the certificate store" and Click Next.

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Store te stores are system areas where certificates are kept. s can automatically select a certificate store, or you can specify a location for
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s can automatically select a certificate store, or you can specify a location for
utomatically select the certificate store based on the type of certificate
lace all certificates in the following store
evtifiesta stava
erdincate store;
prowse,
\frown
< Back Next > D Cance

11)Click **Finish** to complete the certificate import.



12) Click **OK** to successfully import the TCS-CA Trust Chain into your browser.



7

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- 13)In case you have your personal Digital Signature Certificate along with the trust chain in your eToken. Kindly follow the below steps
 - a) From the Start menu, select Programs >eToken >eToken Properties.

(Set Program Access and Defaults Windows Catalog		. 4	-	
		Windows Update WinZip			-	Constant of
1		Programs		Accessories Gisco Systems VPN Client	:	e distant
	0	Documents	•	otoim		e Token Properties
1	3-	Settings		Games Startup	•	
	P	Search	• 💼	Symantec Client Security		alter and arranged
1	?	Help and Support	0	WinZip Internet Explorer	•	
1210		Run	3	MSN Explorer Outlook Express		Spot and a farmer
1	P	Log Off a	0	Remote Assistance Windows Media Player		Statistics:
	0	Turn Off Computer	-38	Windows Messenger		and the second second

b) When you insert your eToken key, the following screen is displayed. Click the **Advanced** tab.

📑 eToken Prope	rties		
eToken			
<	Advanced 🚺 Refresh	👔 Help	
	eToken [PRO]		
Local Machine	Change password	Rename eT oken	
eToken [AKS IF	Name Type FW version User Administrator Token ID Smartcard ID Total Memory Capacity Largest free block Color FIPS mode	eToken PRD (Card 05/M4) 4.2.5.4 [0x8514] Present Present 4077db14. 21.51.c.3.02.1d.20 32768 bytes 20809 bytes Bible 0/f 4.000 fit	

c) Provide your eToken password and click **OK**.



d) The following Dialog box appears. You can view the details of the eToken.

Noname Rename eToken Noname [AKS Type eToken R2 Firmware version 2.4.4.2 (0x4422) eToken R2 Type eToken R2 eToken R2 Total memory capacity 30800 bytes Free memory 27736 bytes Largest free block 27680 bytes	
Details Settin Certificates & keys Change password Rename eToken ONAME [AKS Type eToken R2 Firmware version 2.4.4.2 (Dx4422) eToken R2 eToken ID 0x0001cHb2 Total memory capacity 30800 bytes Tree memory 27736 bytes Largest free block. 27600 bytes	
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Total memory capacity 30800 bytes Free memory 27735 bytes Largest free block 27680 bytes	
Free memory 27736 bytes Largest free block 27680 bytes	
Largest free block 27680 bytes	
Color Green	
Reader name AK5 ifdh 0	

- e) Click **Certificates & Keys**. You can view your Certificate, Key, and the details like Certificate serial number, Issuer details, Certificate validity etc.
- f) Delete the old TCS-CA certificate which has expired (Valid till 8th October 2007) from the token.

🖷 eToken Prope	rties			_ 🗆 ×
eToken	1			
Local Machine	Advanced S Init eToken [PRO] Details Settings Ce memory Consultance Tata Consultance CCA India	ialization () Refresh nificates & keys y <6D3009E9-6E80-4B13 y Services Certifying Auth	-864841BD ority	Delete Import CA Chain Set as Default Key Protection
	Version Serial number Signature algorit Issuer Valid from Valid to Subject Import Certificate	V3 00 ea d2 RSA_SHA1RSA IN, India PKI, TCS CA, T Friday, October 06, 200 Saturday, October 06, 2 newcgm, TCS-CA - Regis	ata Consultancy 6 4:20:44 PM 2007 4:20:44 PM stration Authority	Services Certifyi

<u>Please Note: Kindly ensure that you delete only "TCS-CA Root/Chain</u> <u>Certificate" and not end user certificate</u>

g) Now click "Import CA Chain" to import new TCS-CA certificate into your eToken.

Token			
2	Advanced 🕥 Init	ialization 🔃 Refresh	
Local Machine	oken [PRO] Details Settings Cer	tificates & keys	
	Newcgm		Delete
	Exchange key	γ <6D3009E9-6E80-4B13-864841BD	Import CA Chain
0	CCA India		Set as Default
Token [AKS if			
			Key Protection
			AUX Key
	Version	Y3	
	Serial number	00 ea d2	
	Signature algorit	RSA_SHA1RSA	
	Issuer	IN, India PKI, TCS CA, Tata Consultancy	y Services Certifyi 💻 🛛
	Valid from	Friday, October 06, 2006 4:20:44 PM	
	Valid to	Saturday, October 06, 2007 4:20:44 PN	1
	Subject	newcgm, TCS-CA - Registration Authorit	ty, Company, tcs, 🔳
	Import Certificate	. (More Befresh

h) Confirm the validity of the imported TCS-CA certificate as per the below screenshot.

	💥 Advanced 🚫 In	itialization 🔃 Refresh	
Local Machine	eToken [PRO] Details Settings C	ertificates & keys	
	Rewogm		Delete
-	See Exchange k	ey <6D3009E9-6E80-4B13-864841BD	Import CA Chain
Carrow C	CCA India	cy Services Certifying Authority	Set as Default
OKEN LAKS IF			Key Protection
			<u>А</u> ЦХ Кеу
	Version	Y3	
	Serial number Signature algorit Issuer Valid from Valid to Subject	27 62 RSA_SHAIRSA IN; India PKI, CCA India Tuesday, March 28, 2006 5:50:46 AM Saturday, July 04, 2009 7:02:46 AM IN; India PKI, TCS CA, Tata Consultancy	Services Certifyi 🗷

Please Note: The newly imported TCS-CA Root Certificate will be valid from Tuesday, March 28, 2006 to Saturday, July 04, 2009

10

P A G E User Guide for Installing TCS trust chain

CONTACT US

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