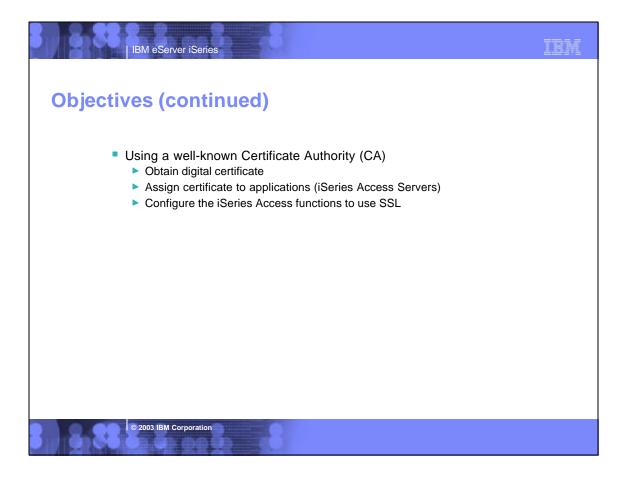
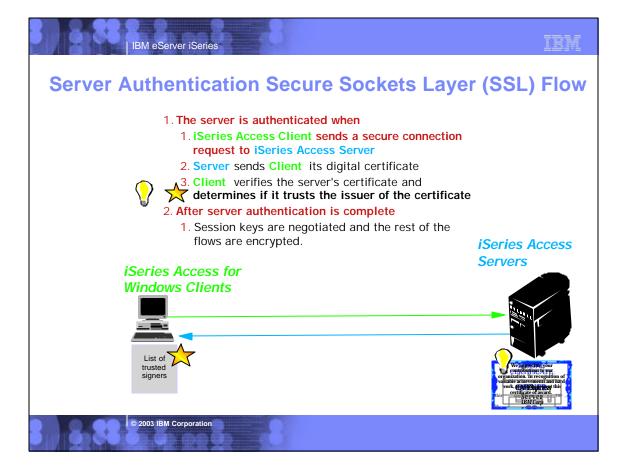
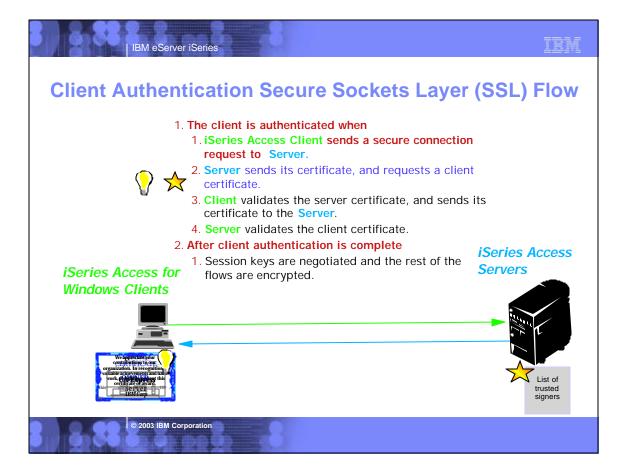
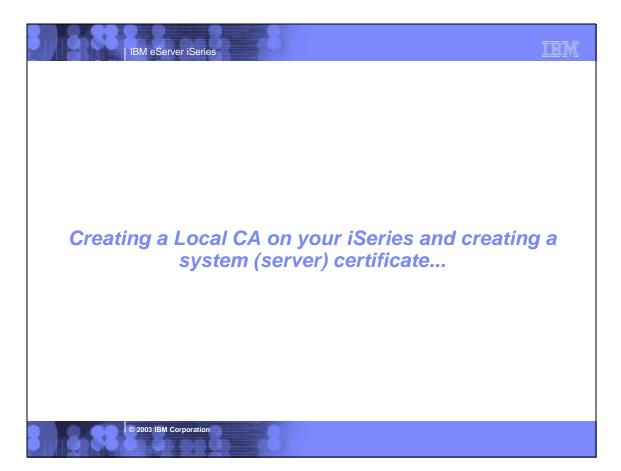


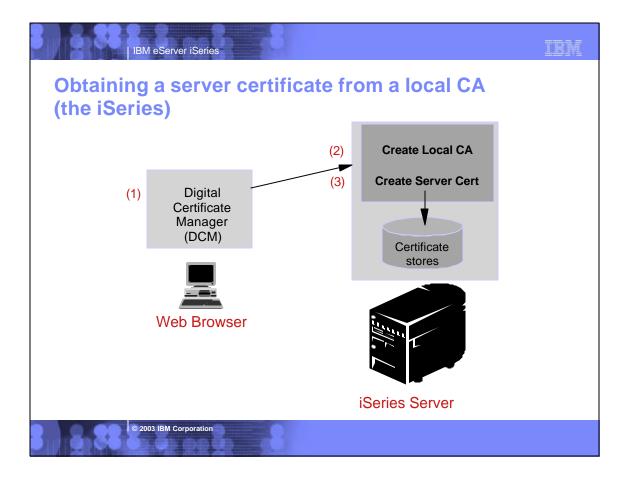
IBM eServer iSeries	IBM
Objectives	
 Using a local Certificate Authority (CA) Create a local CA on your iSeries Create a system certificate Install server certificates Assign certificates to applications (iSeries Access Servers) Install the Local CA certificates On your PC In iSeries Access 	
 Setting up PC5250 Client Authentication Create a client certificate on your iSeries Export client certificate to client Enable telnet server for client authentication Configure prompting modes in iSeries Access 	
© 2003 IBM Corporation	







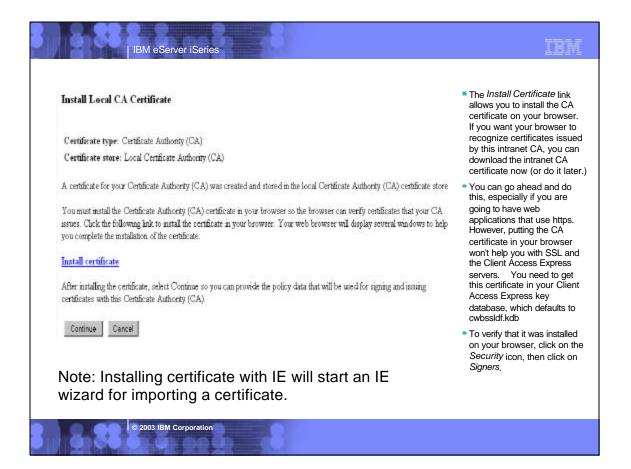


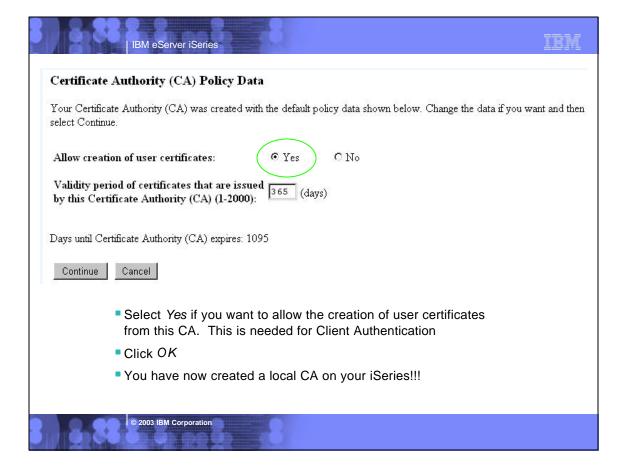






Orseite New Cretificate Stars Certificate Authority Orseite A Certificate Authority Cortificate Authority (CA) Cortificate Information Manage CRU Loreticns Organization unit: Claent Access (required) Manage PKIX Requesi Organization unit: Claent Access (required) Manage Creatificate Authority (CA) Contents Claent Access (required) Manage PKIX Requesi Organization name: TBM (required) Mathematic Authority or city: Sochester (required) Second Connection State or province: Minn (required) Country: TM (required) Hint: Don't forget th	rity (CA) ce
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Description Organization name: Image: TBM (required) drum to A3/400 Tuble Locality or city: Bochester Sochester Secure Connection State or province: Minn (required) Country: Del (required) Hint: Don't forget th	
Organization name: IBN (required) Locality or city: Bochester (required) State or province: Minn (required mining) Country: Del (required) Hint: Don't forget th	
Lecality or city: Bochester State or province: Minn (required mining) Country: Total (required) Hint: Don't forget the	
State or province: Minn (required minn) Country: Tell (required) Hint: Don't forget the second seco	
Hint: Don't forget the	cum of 3 ch
Hint: Don't forget the	
Complete the form page and click OK password You'll ne	nis
pacenteral page and eller era	ed it
Note: Each store has its own password to work with this	
certificate store in th	ie





	Digital Certificate Manager
	Policy Data Accepted Message The policy data for the Certificate Authority (CA) was accepted.
Select a Certificate Store Expand All Collapse All	Select Continue to create the default server certificate store (*SYSTEM) and a server certificate sign Authority (CA). This will allow server authentication by users that use this system as a server.
▶ <u>Manage User Certificates</u>	Continue Cancel
Create New Certificate Store	
Create a Certificate Authority (CA)	
▶ <u>Manage CRL Locations</u>	
 Manage PKIX Request Location 	
Return to AS/400 Tasks	
Secure Connection	
Policy data for registered application	r CA was changed message will be shown along with a list of olications.
Click on Cont	inue button
© 2003 IBM	Corporation

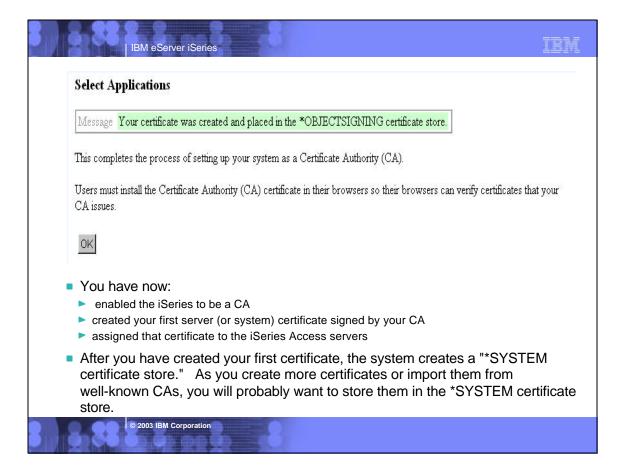
And the second s	Certificate type: Server or cl	lient		
And and ACONTRY	Certificate store: *SYSTEM	1		
Select a Certificate Store	The system will create a certific	ate with a private key and st	ore the certificate in the def	àult server certificate store (*SY
Expand All Collapse All	Key size:	1024 🔽 (bits)		
 <u>Manage User Certificates</u> <u>Create New Certificate Store</u> 	Certificate label:	System certificate		(required)
 Create a Certificate Authority (CA) 	Certificate store password:	****	(required)	
Manage CRL Locations	Confirm password:	*****	(required)	
 Manage PKIX Request Location 		Certificate	e Information	
Return to AS/400 Tasks	Common name:	Spring COMMON		(required)
Secure Connection	Organization unit:	Client Access		
	Organization name:	IBM		(required)
	Locality or city:	Rochester		
	State or province:	Minn		(required:minimum of 3 charac
	Country:	US (required)		
Fill out the Create a System Certificate form. Note: This password is different than the CA Store.				
Info on bottom cut off about IPV6 is for VPN. Read help on VPN for info. Ignore for now.				
Click OK				
© 2003 U	BM Corporation			
Shotst	2000			



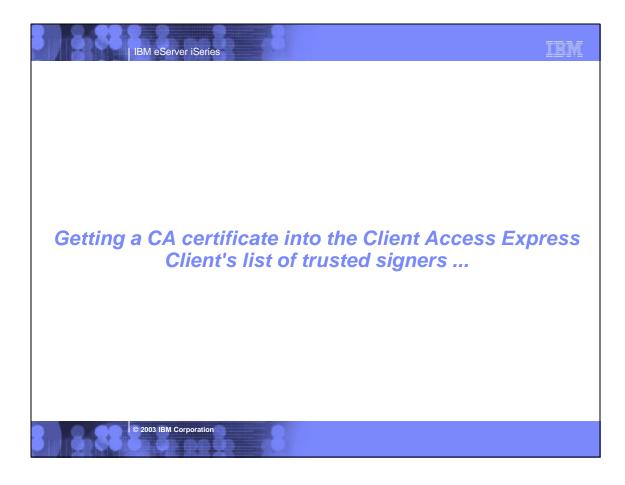
	ect Applications			IBM
Me:	ssage Your certificate was created and place	ced in the	e *SYSTEM certificate sto	re.
	tificate type: Server or client tificate store: *SYSTEM			
	ct which applications will use this certificate:			 System Certificate created message will be shown along with a list of registered applications.
				Choose the application that will use the certificate you just created. This associates the digital certificate the server is going to
0	Application	Туре	Assigned certificate	the certificate you just created. This associates the digital certificate the server is going to use on the server authentication
<u></u>		Type Server	Assigned certificate (None assigned)	the certificate you just created. This associates the digital certificate the server is going to use on the server authentication up portion of the SSL-handshake.
	Application			 the certificate you just created. This associates the digital certificate the server is going to use on the server authentication portion of the SSL-handshake. New for V5R1 - Text names are
N	Application OS/400 TCP Central Server	Server	(None assigned)	the certificate you just created. This associates the digital certificate the server is going to use on the server authentication up portion of the SSL-handshake.
ব	Application OS/400 TCP Central Server OS/400 TCP Database Server	Server Server	(None assigned) (None assigned)	 the certificate you just created. This associates the digital certificate the server is going to use on the server authentication up portion of the SSL-handshake. New for V5R1 - Text names are shown instead of exit point names
ব	Application OS/400 TCP Central Server OS/400 TCP Database Server OS/400 TCP Data Queue Server	Server Server Server	(None assigned) (None assigned) (None assigned)	 the certificate you just created. This associates the digital certificate the server is going to use on the server authentication up portion of the SSL-handshake. New for V5R1 - Text names are shown instead of exit point names
র ব ব ব	Application OS/400 TCP Central Server OS/400 TCP Database Server OS/400 TCP Data Queue Server OS/400 TCP Network Print Server	Server Server Server Server	(None assigned) (None assigned) (None assigned) (None assigned)	 the certificate you just created. This associates the digital certificate the server is going to use on the server authentication up portion of the SSL-handshake. New for V5R1 - Text names are shown instead of exit point names

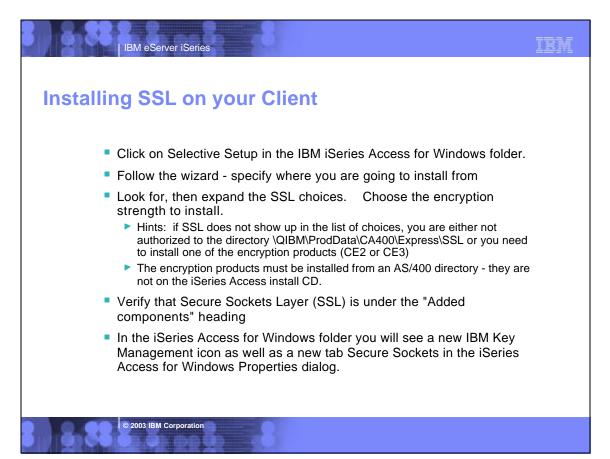
Application S	tatus	
Message The ap	plications you selected will use this certificate.	
	o create the default object signing certificate store (*OBJ rtificate Authority (CA). You can then use your system t	
Continue	ancel	

Certificate store: *OBJECT	SIGNING		
- The system will create a certific (*OBJECTSIGNING).	ate with a private key and	store the certificate in the d	efault object signing certificate store
Key size:	1024 💌 (bits)		
Certificate label:	System name		(required)
Certificate store password:	****	(required)	
Confirm password:	* * * * *	(required)	
	Certific	ate Information	
Common name:	Spring COMMON		(required)
Organization unit:	Client Access		
Organization name:	IBM		(required)
Locality or city:	Rochester		
State or province:	Minn		(required:minimum of 3 characters)
Country:	US (required)		
* Fill in form * Click on OK			
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Servers	to enable for i	Series Access Functio	ns		
	iSeries Access Function	Servers to Enable			
	5250 Display & Print	Sign-on, Central, Telnet			
	Data Transfer	Sign-on, Central, Database			
	Base Ops Nav	Sign-on, Remote Command			
	All Ops Nav Function	Signon, Remote Command, File,Print, Database, Web Admin,Mgmt Central, Directory, Data Queue			
	ODBC	Sign-on, Database			
	OLE DB	Sign-on, Database, DDM, Remote Command, Data Queue			
	AFP Viewer	Sign-on, Print			
Ce ■ Th ■ Th	 If Application Administration is being used, then always enable Remote Command. Also, Central may be required if translation tables need to be downloaded for other languages. There is no harm in using the same certificate for all applications There is no harm in assigning a certificate to applications even if you do not intend to enable them to use SSL. 				





stalling CA onto client PC	 New in V5R1, a download button has been added to
Ceneral Connectan Secure Sockets Licenses Restart Directory Services Services Plagin Secure Sockets Layer <u>Use Secure Sockets Layer (SSL) for connection</u> <u>Verity SSL Connection</u> OS/400 Centils de Authority	 iSeries Navigator to easi move the CA into the 2 k databases used by iSerie Access: iSeries Access key database Java key database (used by Java components of iSeries Navigator)
For Client Access Express to trust server certificates signed or created by the OS/400 Certificate Authority, the OS/408 Certificate Authority must be downloaded to this PC. Note: Some other Certificate Authorities are provided with Client Access and do not need to be downloaded. To use the OS/400 Certificate/Authority, click download.	 Right-click on system nar in iSeries Navigator, and choose "Properties".
Download	 From "Secure Sockets" tab, check box to enable SSL.
	 Click on "Download" button.
DK Cancel Help	 Restart iSeries Navigato for SSL to take effect for iSeries Navigator

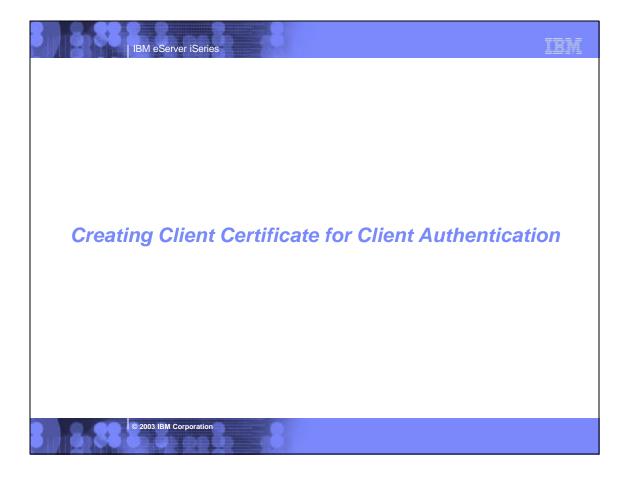
IBM eServer iSeries	-8			IBM
Enabling iSeries Na	vigator	for SSL		
AS/400 Operations Navigator Eile Edit View Options Help				
Environment: My AS/400 Connections	My AS/400 Connecti	ons		
 Imagement (Myas400) Imagement (Myas400) Imagement (Myas400) Imagement (Myas400) Imagement (Myas400) 	Name @ Myas400	Signed On User	Description Manage this AS/400.	
	stice the node	al an the iCe	rice you just	
After restarting iSeries, no configured to use SSL	price the padio	DCK ON THE ISE	ries you just	
Also, once SSL is turned applications that are start default (including 3rd-part	ed from that p	oint on will al	so get SSL as the	
© 2003 IBM Corporation	.8			

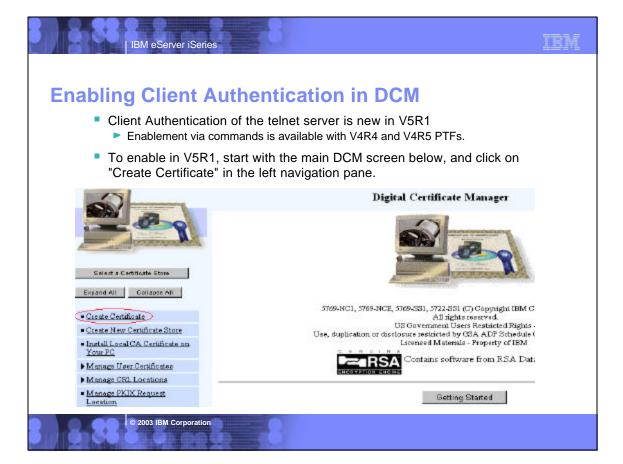


IBM eServer iSeries	IBM
<image/>	 Open your 5250 session. From the menu bar, click <i>Communication</i>, then select <i>Configure</i> Select <i>Properties</i> Click on <i>Secured</i> <i>with SSL</i> Click on <i>Apply or</i> <i>OK</i>

IBM eServer iSeries	IBM
<image/> <complex-block><complex-block></complex-block></complex-block>	 Open the Data Transfer you want to configure to use SSL. From the menu bar, click File->Properties From Properties, click the Connection tab. From Connection, choose which option you want. Click OK You can save this data transfer by using File->Save

IBM eServer iSeries	IBM
ODBC Data Source Administrator ? User DSN System DSN File DSN ODBC Drivers Tracing About User Data Sources:	 Launch ODBC Administration Click on the User DSN tab Double-click on the user Data Source you want to configure to use SSL.
Signon information Use Windows user name and password, no prompting Use default user ID, prompt as needed Prompt every time Image: Vise Operations Navigator default Security Do not use Secured Sockets Layer (SSL) Use Secured Sockets Layer (SSL) Use same security as Operations Navigator connection DK Cancel	 Click on <i>Connection Options</i> in the <i>General</i> tab. Select <i>Use Secured Sockets Layer</i> (<i>SSL</i>) under the Security heading Click <i>OK</i> Close the ODBC Setup. Current connections must be closed and re-opened to take effect





Creating User Certificate

IBM eServer iSeries



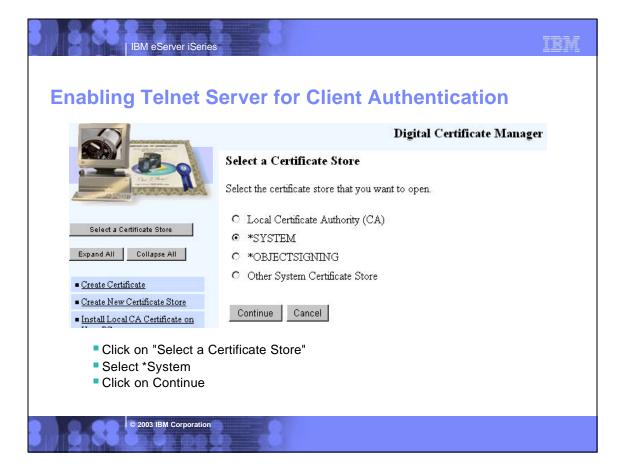
Select a Certificate Store	User name:	Certificate Information	
Expand Al Cellapse All	User hame:	JEFFV	
	Organization unit:	Client Access	1
Create Certificate	Organization name:		(required)
Create New Cartificate Store	a Stances and an		(redeared)
Install Local CA Certificate on	Locality or city:	Rochester	1
Your PC	State or province:	Minn	🗌 (required minimum of)
Manage Uper Cartificates	Country:	Va (required)	
Manage CR1. Locations	c on a construction of the	1-4 dedared)	
 Manage PKIX Request Location 	If you want to use this	certificate for secure e-mail, enter your e-mail addres	s.
Return to A3/400 Tasks	20		
Secure Connection	E-mail address: (user	_name@domain_name)	
	Select the key size for	your web browser to use when generating the private	key for your certificate.
	Key size: 1024 (High	Grade) 💌 (bits)	
	Key size: [1024 (11g)		
	Continue Cance	4	
	Fill out the Certification	ate Information. The Email address is no	ot
		ate Information. The Email address is no cess for Windows.	ot

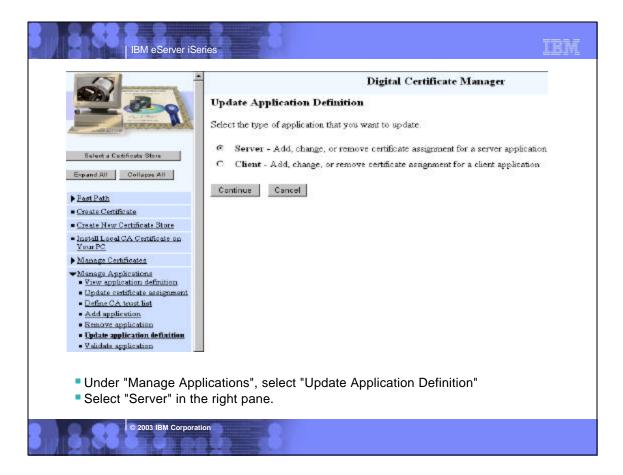
TBM

	nerate A Private Key - Netscar			
Whe	n you click OK, Communica ificate. This may take a fe	ator will generate a	-	ur
	ortant: If you interrupt t he Certificate.	his process, you	will have to reapp	зly
N	ore Info		ок с	ancel



Your Certific:	ates	
Security Info		ates to identify yourself to other people and to web si ates to decrypt information sent to you. Your certifica
Passwords Navigator	are signed by the organization th	
Messenger	These are your certificates:	
Java/JavaScript	JEFFV's IBM ID	View
Certificates		Venity
Yours		Delete
People		Export
Web Sites		
<u>Signers</u> Cryptographic		
Modules		r certificates and keep them in a safe place. If you eve cunable to read encrypted mail you have received, an ing yourself to web sites
	Get a Certificate	Import a Certificate
■ With N	Netscape, click on Communicator-> prompt for key databa Click on the certificate, then on the When prompted, save the certificate Password protect the file.	he Export button

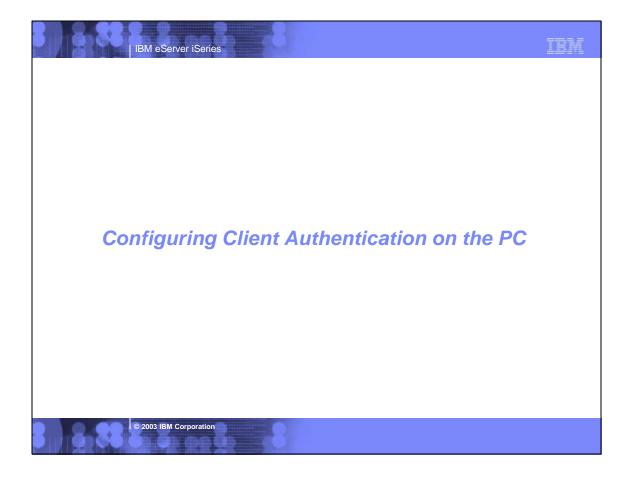




Care E Care	Digita Update Application Definition Application type: Server	l Certificate Manager
Select a Certificate Store	Select the application that you want to update.	
Expand All Collapse All	Application	Certificate Assigned
E. A D.M.	O OS/400 TCP Central Server	System certificate
Fast Path Create Certificate	C OS/400 TCP Database Server	System certificate
Create New Certificate Store	O OS/400 TCP Data Queue Server	System certificate
Install Local CA Certificate on Your PC	O OS/400 TCP Network Print Server	System certificate
Manage Certificates	O OS/400 TCP Remote Command Server	System certificate
Manage Applications	O OS/400 TCP Signon Server	System certificate
 <u>View application definition</u> Update certificate assignment 	• OS/400 TCP/IP Telnet Server	System certificate
Define CA trust list	O OS/400 DDM/DRDA Server - TCP/IP	System certificate
 <u>Add application</u> <u>Remove application</u> 	OS/400 Cluster Security	None assigned
Update application definition	· · ·	
Validate application Select OS/400 TCP/	C OS/400 - Host Servers	None assigned

	Digital Certificate Manager
	Application type: Server Application ID: QIBM_QTV_TELNET_SERVER Application description: OS/400 TCP/IP Telnet Server
Select a Certificate Store	Certificate Assigned: System certificate
Expand All Collapse All	Information that can be updated: Client authentication required:
Fast Path	
Create Certificate	Define the CA trust list:
Create New Certificate Store	Certificate Revocation List (CRL) checking: C Yes • No
 Install Local CA Certificate on Your PC 	Apply
Manage Certificates	
Manage Applications View application definition Update certificate assignment Define CA trust list Add application Remove application	Application Information: Exit program information Exit program: OTVSSL
Update application definition	
Validate application	Exit program library: QSYS

IBM eServer iSeries		IBM
	Digi	tal Certificate Manager
	Update Application Definition	essfully.
Select a Certificate Store Expand All Collapse All	Application type: Server Application ID: QIBM_QTV_TELNET_S Application description: OS/400 TCP/IP 7	
▶ <u>Fast Path</u>	Certificate Assigned: System certificate	
Create Certificate	Information that can be updated:	
Create New Certificate Store	Client authentication required:	• Yes O No
 Install Local CA Certificate on Your PC 	Define the CA trust list:	• Yes O No
Manage Certificates		
 Manage Applications View application definition Update certificate assignment Define CA trust list 	Certificate Revocation List (CRL) checking:	<u> </u>
Add application Remove application Update application definition Validate application	immedia	at this will take effect ately. Telnet does not be restarted.
Click the Apply bu		



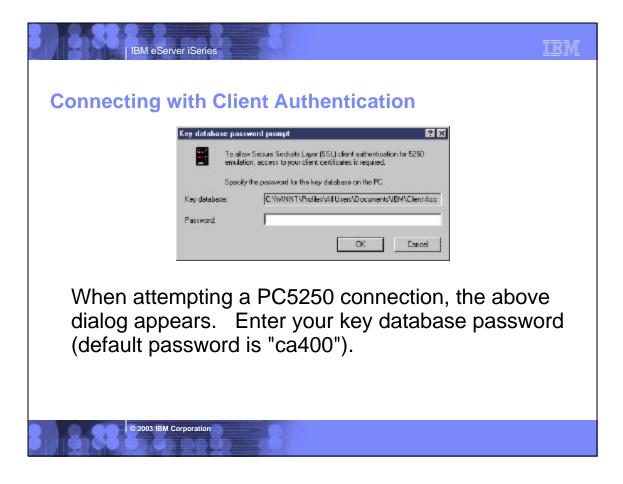
IBM Key Management - IC:\WINNT\Profiles\All Users\Documents\IBM\Client Access\owbsil	dl.kdb]		
Ney Database file Greate View Help			
Rey database information			
DB Typer CMS key datebase file File Name: C WINNTProflexWi Users/Documents/BM/ClientAccess/cwbs/ddf/cdb			
Key database content			
Signer Certificates	-	Add	
System 1 CA - Wednesday, March 29, 2001 10:38:07			
System 2 CA - Monday, March 26, 2001 16:02:14		Delete	
System 3: CA - Wednesday, January 03, 2001 12:35:06 Theve Personal Premium CA	1	/iew Edit	
Thawte Personal Freemail CA Thawte Personal Basis CA		Extract	
Thavia Premium Server CA			
Thavia Server CA Version Test CA Pool Certificate			
RSA Secure Server Certification Authority			
Verisign Class 1 Public Primary Certification Authority Verisign Class 2 Public Primary Certification Authority			
Verisign Class 3 Public Primary Certification Authority			
Once the client contificate is stared in a DKCC12 file, it must be in	monted int	a tha iCariaa	
Once the client certificate is stored in a PKCS12 file, it must be in	nponed inte	o the iSeries	ł.
Access key database.			
The preferred way to start the IBM Key Database Management p	program is t	hrough Cont	rol
Panel			
Start->Setti ngs->Control Panel, then double-click on "Client Access".	Select the "Se	cure Sockets	" tab
and then click on the IBM Key Management button			
If you start this program an alternate way, the key database name won't	he filled in hy	default and v	
have to browse for it.	be med in by	uciauli, and y	ou v

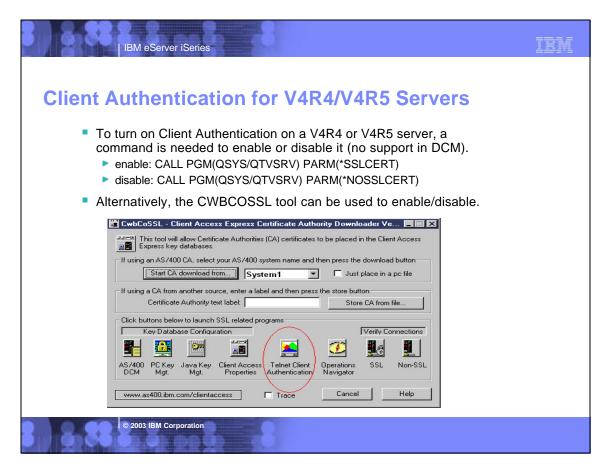
	Management - [C:\WINNT\Profiles\All Users\Documents\I se <u>F</u> ile <u>C</u> reate <u>V</u> iew <u>H</u> elp	BM\Client Access\cwbssldf.kdb]	_
	Key database info	ormation	
DB-Type:	CMS key database file		
ile Name:	C:\WINNT\Profiles\All Users\Documents\IBM\Client Access\	cwbssldf.kdb	
	Key database o	content	
Signer Co	rtificates	•	Add
	Certificates		Delete
Personal Signer Ce	Certificate Requests rtificates		Delete
	rsonal Premium CA		View/Edit
	rsonal Freemail CA		Extract
Thawte Pe	rsonal Basic CA		Extract

mport	IBM eServer iSeries	
Import Key Key file type File Name: Location:	PKCS12 file Clientcert.p12 C3 OK Cancel Help	Browse
	ord Prompt X sword to open the source PKCS12 file:	
Specify	/ the PKCS file you saved earlier he password you saved for it.	

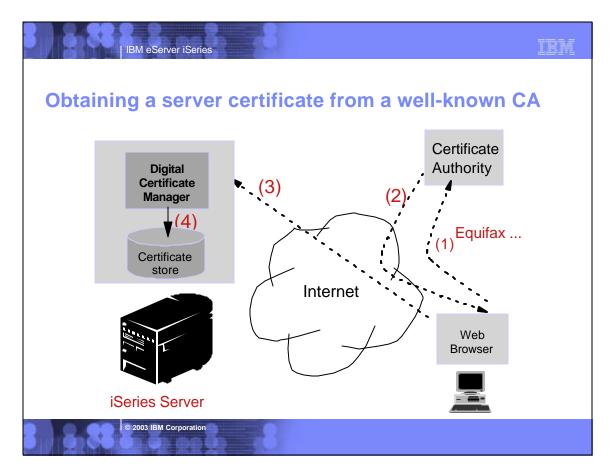
 etting Prompting for Key Dat Set the prompting mode for the key databat 	
at Access Properties	1
General Passwords Language Incoming Renote Command Diagnostic Tools Service Secure Sockets PC5250 Other IBM AS 4000 Clevel Encryption Version 4.0.3.52 Encryption level: 1295k Installed to directory: [C:\Program Rises\IBM\05Kd Key database If Use default key database If Specify key database	Key database password prompting Password prompting © Use Window's logon password © Prompt once per Windows session © Prompt once per use of Key database OK Cancel
Kay database paseword promoting Satinge	Specify how often you want to be prompted.

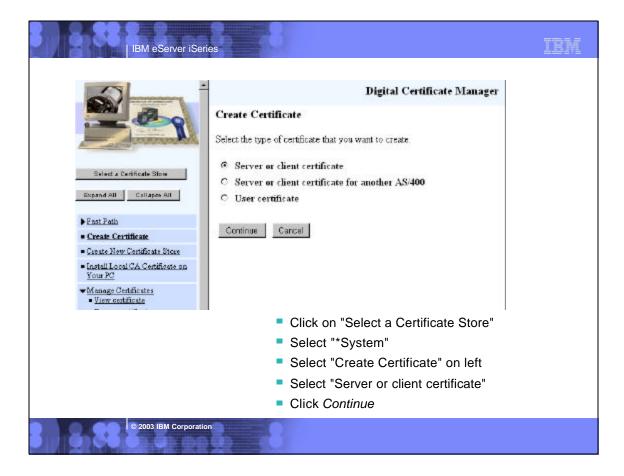
IBM eServer iSeries Enabling Client Authenticatio	IBM n on PC
System nerve: System 1	User ID signon information Use Operations Navigator default User ID:
 From PC5250 Config: Click on Properties Select "Use Default" This is optional Selecting "Select Certificate" causes extra prompt. 	Security Current Security: Secured Use Operations Navigator default Not secured Use Secured Sockets Layer (SSL) Client certificate to use: Select certificate when connecting Use default DK Cancel Help
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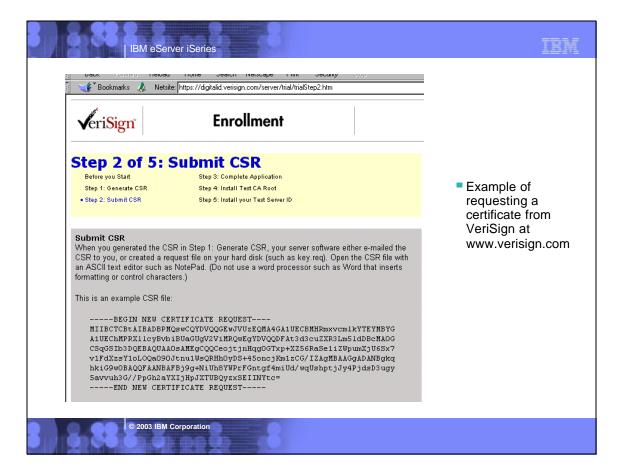




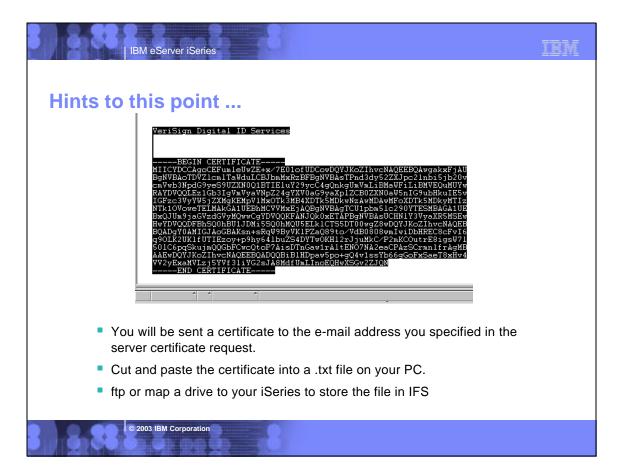


	IBM eS	erver iSeries	IBM				
		Digital Certificate Manager	4				
	Create a System (Certificate					
r .	The system will create a public-private key pair and store the key pair in the certificate store listed below.						
	Certificate store:						
	Key size:	2048 💌 (bits)					
	Key label:	VeriSignCert	(required)				
		Certificate Information					
	Server name:	as400.domain.com	(required)				
	Organization unit:	ITSO					
	Organization name:	ІВМ	(required)				
	Locality or city:	Rochester					
	State or province:	MIN	(required:minimum of 3 characters)				
	Country: US (required)						
	Zip or postal code:						
	Fill out form. Hints:						
	Server name is the TCP/IP host_name.domain_name of your iSeries.						
	Spell out your state						
	Don't specify the zip code						
	Click OK						
3,,,8	© 2003 IB	M Corporation					

Digital Certificate Manager	
System Certificate Request Created Your certificate request data is shown below. Copy and paste the request data into the ap Certificate Authority that will sign your certificate request. IIICrDCCA2QCAQAw2zELMAKGA1UEBhMCVVMxDDAKBGNVBAgTA01JTjESMBAGA1UE BXMJUm9jaGVzdGVyMQwwCgYDVQQKEwNJQKDXDALBGNVBAgTA01JTjESMBAGA1UE BXMJUm9jaGVzdGVyMQwwCgYDVQQKEwNJQKDXDALBGNVBAgTA01JTjESMBAGA1UE BXMJUm9jaGVzdGVyMQwwCgYDVQQKEwNJQKDXDALBGNVBAgTA01JTjESMBAGA1UE BXMJUm9jaGVzdGVyMQwwCgYDVQQKEwNJQKDXDALBGNVBAgTA01JTjESMBAGA1UE BXMJUm9jaGVzdGVzdGVyMQwwCgYDVQQKEwNJQKDXDALBGNVBAgTA01JTjESMBAGA1UE BXMJUm9jaGVzdGVzdGVyMQwwCgYDVQQKEwNJQKDXDALBGNVBAgTA01JTjESMBAGA1UE BXMJUm9jaGVzdGVzdGVyMQwCGYDVQQKEwNJQKDXDALBGNVBAgTA01JTjESMBAGA1UE BXMJUW5BLLmRR09GeOMuXVzocSOnaCCOTKA2wSFJJYGW9Fq71aw7dEmt71 arhKbJuKr06xCc731phpSMGcfdCG3kP1nOV9dZsnyJY9gBXNLD2dZBUEWNRBuSt T5JWf0jdpULewKh1R2SUDD+11uQ/0+gaQ3c2SVUISy+47U80SKBENJNKep57106 eQL9x1yY0nOBDA1yxkzu6W432h020PXG0vp1762Dya7KJS0UW86NTQGMOXPF106 eQL9x1yY0nOBDA1yxkzu6W432h020PXG0vp1762Dya7KJS0UW86NTQGMOXPF106 eQL9x1yY0nOBBA1yxkzu6W432h020PXG0vp1762Dya7KJS0UW86NTQGMOXPH062 TAEW7rCtSSMb4detjyf7LX9P1mDAgMBAAGgADANBgkqhkiG9w0BAQQFAAOCAQEA j17WIF1KSy02cbkv0GHz8TBoPBeJNbWBJE1b6TX644G/fvGY/BA4YTYREdV8NN1v1 ZyKNt7TG2J1MwXhJHJNNHFIZC2q711Vx96d01A/fwgdyh10V7c5x89uSL010cjNu G03K12BFLUtXQ654A6QMFyWvayKFr8WN8tVa72Xtg0Hhv60T7RNSPh0UmzMq+e1 803931DYwRgBuUDL5eysurB21R11Qx0GW5qdgUXdW3dpmxcRjSwnHc0U9dWDNhM BQ02CKevgGhnkz24DBH328114CWygp9VPNSjh1hcBNDmIZr348gtRNs/XV/LQCG1 rwPjGLSxauS5DpIBnX4pQ== END NEW CERTIFICATE REQUEST	 Copy the certificate request to the clipboard. MAKE SURE you select the area that includes "BEGIN NEW CERTIFICATE REQUEST" through the are that ends with "END NEW CERTIFICATE REQUEST" Some Internet CAs refer to this certificate request as Certificate Signing Request (CSR).

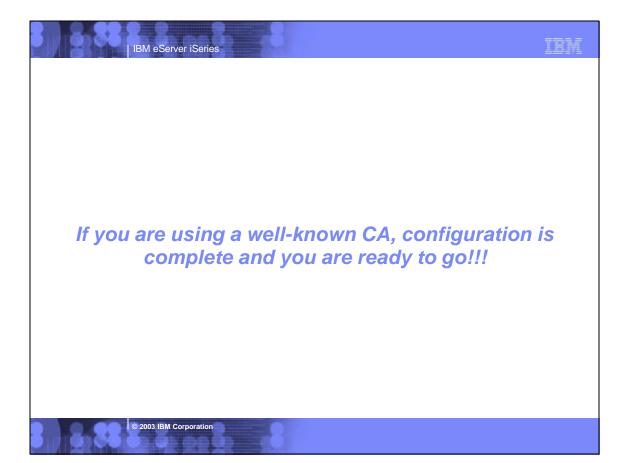


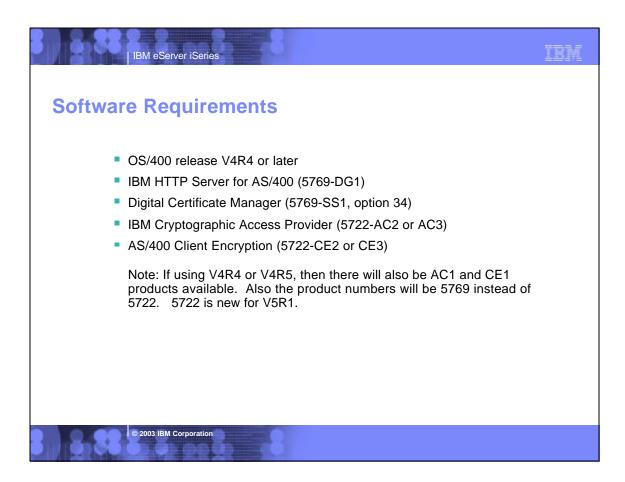




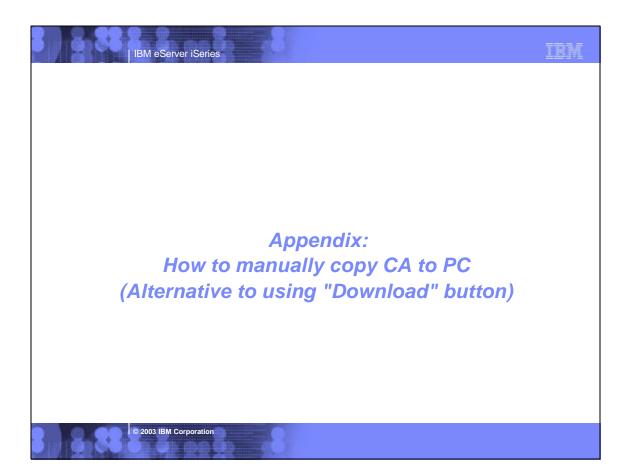
s400:2001/QIBM/ICSS/Cert/Admin/qycucm1.ndm/n	main0	💽 🍘 What's
D	igital Certificate Manager	0 I
Receive a System Certificate		
	te into a certificate store after the certificate ha signed certificate into a file which you specify	- ·
Certificate store:	*SYSTEM	
Signed certificate path and file name:	/certdir/certverisign.txt	(required)
OK CancelBack in DCM, click c	on "Select a Certificate Store"	, and select *System
In the left panel, sele	ect "Manage Certificates", the	en Import Certificate
	<i>icate</i> form, specify the path need to be the path need to you	
On the Import Certified	icate form, specify the path n	ame of the IFS file n

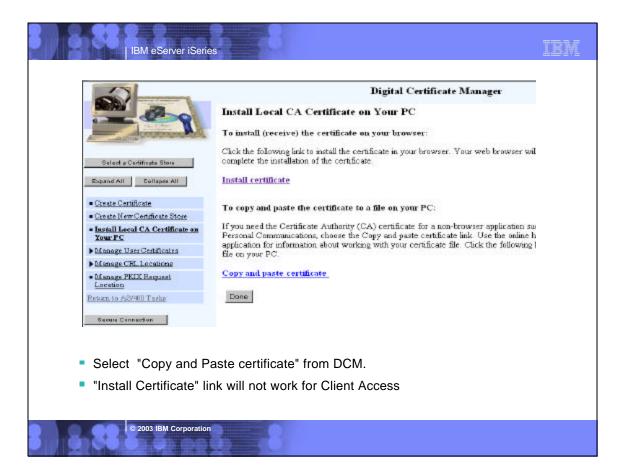
Select a Certificatia Store	Арр	late Certificate Assignment disation type: Server 1 the application that you want to update.	
Expand All Cullapse All		Application	Certificate Assigned
	æ	OS/400 TCP Central Server	System certificate
Eart Path	C	OS/400 TCP Database Server	System certificate
<u>Create Certificate</u> Create New Certificate Store	0	OS/400 TCP Data Queue Server	System certificate
Install Local CA Certificate on	C	OS/400 TCP Network Print Server	System certificate
Your PC Manage Certificates	0	OS/400 TCP Remote Command Server	System certificate
Manage Applications	C	OS/400 TCP Signon Server	System certificate
 <u>View application definition</u> Update certificate 	0	OS/400 TCP/IP Telnet Server	System certificate
assignment Define CA trust list	0	OS/400 DDM/DRDA Server - TCP/IP	System certificate
 Add application 	C	OS/400 Cluster Security	None assigned
 Remove application Update application definition 	0	OS/400 - Host Servers	None assigned
Yalidate application	c	AS/400 Management Central Server	System certificate
Manage Certificate Store	0	OS/400 TCP File Server	System certificate
Manage CRL Locations Manage PKIX Request	C	OS/400 TCP/IP FTP Server	None assigned
Loration		OS/400 TCP/TP FTP Server	None assigned
Select the Client	Acce	ficate assignment under "Ma ess Express Servers that yo ficate assignment button at t	u need.

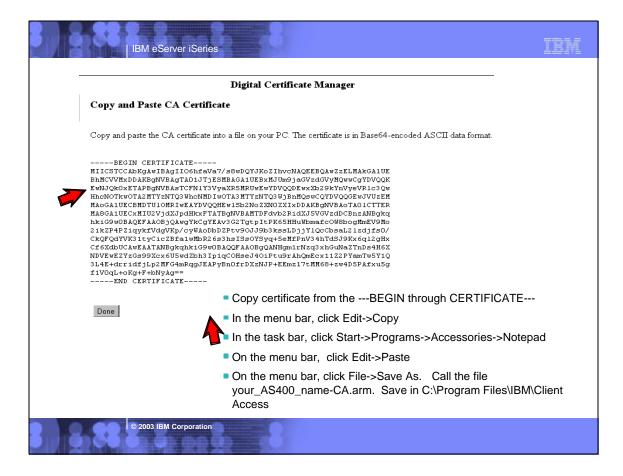




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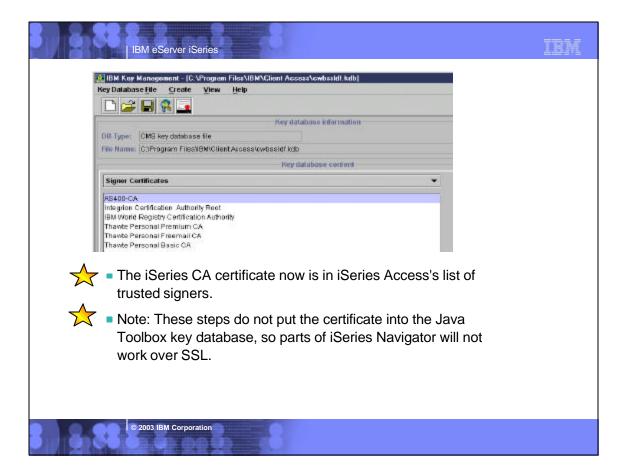






🧱 IBM Key Management - [C:\Program Files\JBN\Client Access\cwbseldf.kdb] Key Database File - Create - View - Help	
Key database Information	
DB-Type: ChIS key database file	
File Name: C:Program Files/BMCIlient Arcessic/kbssldf kdb	
Key database centern	
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Thawle Personal Basic CA Thawle Premium Server CA Thawle Server CA Verisign Test CA Root Certificate RSA Secure Server Certification Authority	Extract
Verisign Class 1 Public Primary Certification Authority	
Go to the Client Access Express window	
Double click on the IBM Key Management shortcut (this may tak	e a few minutes)
Choose Signer Certificates from the drop down	
Click on Add	

Signer Certificates	e from a File	▼ Add
Data type	Base64-encoded ASCII data 🔻	
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Location:	C:\Program Files\IBM\Client Access\	
	ОК	Cancel Help
you stor Hint: If	ed earlier you use the <i>Browse</i> but	on to find the location and click
you stor Hint: If <i>Open</i> , it	ed earlier you use the <i>Browse</i> but will fill in the pathname	on to find the location and click for you.
you stor Hint: If <i>Open</i> , it Click O	ed earlier you use the <i>Browse</i> but will fill in the pathname K	on to find the location and click for you.
you stor Hint: If <i>Open</i> , it Click O Now yo	ed earlier you use the <i>Browse</i> but will fill in the pathname	on to find the location and click for you. Enter a Label Enter a Label Enter a label for the certificate:
you stor Hint: If <i>Open</i> , it Click O Now yo	ed earlier you use the <i>Browse</i> but will fill in the pathname K u will be asked to a name (label) for the	on to find the location and click for you.



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