

This presentation shows you how to configure the IBM CMS keystore for use with Secure plus. It shows you how to create self-signed certificates, and import partner trusted root certificates for Sterling Connect:Direct[®] for Microsoft[®] Windows[®] version 4.7 and later.



From the IBM Sterling Connect:Direct for Microsoft Windows Program directory, start the IBM key Manager utility.

Opening the keystore		
 Select "Key Database File". 	Management	- o x
By default the Keystore is created in the Secure+ Certificates directory under the installation folder.	Create Yow Help Create Yow Help Key database information Key database information	
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During the installation of Sterling Connect:Direct for Microsoft Windows, you created a directory that contains the IBM CMS keystore. By default, the keystore is created in the secure plus certificates directory, under the installation folder. To open the keystore, select the Key Database file menu option, and browse to the directory.

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nter the Keystore password.			
lick "OK".	Key Database (ile Create View Help		
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			Extract Certificate
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You will be prompted to enter the keystore password. You chose the password during the installation of Sterling Connect Direct for Microsoft Windows. Enter the password. Click OK.

elf-signed certificate creation		
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Slick New Sell Signed	IBM Key Management - [C:\Program Files (x86)\Sterling Commerce\Connect Direct v4.7.0\Server\Secure+\C	ertifi. — 🗆 🗙
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	The requested action has successfully completed:	

To create a new self-signed certificate, click the New Self Signed button on the IBM Key Management window.

Jertificate details			
Enter your certificate details. Click "OK"	IBM Key Management - (CAProg Key Database file Create Diff-Type: CMS Diff-Type: CMS File Name: Cutrogram Files (dd) Token Labeit Personal Certificates	ram Files (e86)/Sterling Commerce/Connect Direct v4.7.07 Create New Self-Signed Certificate Please provide the following: Key Label AVCD/V1947 Varion X500 V • Key Size 1924 • Signature Algorithm StAAWHINESA • Corganization (optional) 518 1922 43 Organization (optional) 518 1922 43 Organization (optional) 518 1923 43 Organization (optional) 518 1920 1921 Zocode (optional) 518 • Zopcode (optiona	Servert Secure + Certifit X
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Enter your certificate details in the "Create New Self-Signed Certificate" window and click OK.



To save a copy of the certificate, click the "Extract Certificate" button for sending to your remote partner to act as your trusted root certificate.

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mport a trusted root certificate		
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For each partner, add a trusted root	IBM Key Management - [C:\Program Files (x86)\Sterling Commerce\Connect Direct v4.7.0\Server\Secure+	\Certifi 🗇 💷 🔜
certificate to the keystore.	Key Database Elle Create View Help	
Select "Signer Certificates"		
coloci olgrici continenter :	Key database information	
	File Name: C:Program Files (x86)/Sterling Commerce/Connect Direct v4.7.0/Server/Secure+/Certificates/cdkeystore.kdb	
	Token Label: Key database content	
	Personal Certificates	Receive
	Personal Certificates Signer Certificates	Delete
	Personal Certificate Requests	View/Edit
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		Ronamo
		New Self-Signed
		Extract Certificate
	The requested action has successfully completed!	
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For each partner, you must receive a trusted root certificate. Add the trusted root certificate to the keystore. From the drop-down list under "Key database content", select "Signer Certificates".

	IBM
Import a trusted root certificat	e II
 Select remote partner trusted root certificate. 	IBM Key Management - [C\Program Files (x86)/Sterling Commerce\Connect Direct v4.7.0\Server\Secure+\Certifi X Key Database [ib:
 Click "Open". 	DB-Type: UB Tde Hame: CVrogram Files pdB;0ter Lock In: Certificates Lock In: Control Control Control Tile Name: COS101 ca.M Files of Type: If Tiles Control Control Control Control Tile Name: COS101 ca.M Files of Type: If Tiles Control Control Control Control Tile name: COS101 ca.M Files of Type: If Tiles Control Control Control Control Tile name: Coston Coston Control Tile name: Coston Coston Control Coston Coston Coston Coston Coston Coston <
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Click the "Add" button, and browse to the location where the remote partner trusted root certificate is located. Click "Open".

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Import a trusted root certifica	ate III			
 Enter a name for the trusted root cortificate 	18 IBM Key Management - [C:]	trogram Files (x86)/Sterling Commerce/Connect Direct v4.7.0/Se	ver\Secure+\Certifi	_ — X
certificate.	Key Database Eile Greate View	Help		
Close the keystore	D 🚅 🖬 🎇 🚯			
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	Signer Certificates	Enter a Label		Add
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				Populate
				Rename
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0			© 20	15 IBM Corporation

Enter a name for the trusted root certificate, and click "OK" to add it to the keystore. You can now close the keystore.

Configuring Secure+	
 Open the Sterling Secure+ Admin Tool, click Start > IBM Sterling Connect Direct v4.7.0. > CD Secure+ Admin Tool. Sync with Netmap. Add nodes to Secure+. 	Secure + Admin Tool - ICAProgram Files (x86)/Sterling Commerce/Connect Direct v4.7.0/S., - File Edit: Key Management. Help Open., Ctrl+N Secure + Ctrl+D Type Secure + Override Tool Type Validate Secure + Ctrl+T Secure + Disable Yn Disable Yn Disable Sync with Netmap 1. Select Netmap Entries To Add Exit Validate Secure + Validate Secure + Validate
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Open the Sterling Secure plus Admin tool, and select File > Sync with Netmap to ensure that all node entries are available. Click "Add All" or select the required node and click "Add Selection" to add a node to the Secure plus configuration.



To open the remote node entry, double-click the entry in the Secure plus Admin tool. Then, from the "Security Options" tab, select the Secure plus protocol to be used for this remote partner.



From the "TLS or SSL Options" tab, click the select button, and choose the key certificate label for the self-signed certificate that you created earlier.



Click the OK button on the CMS Keystore Certificate Viewer window to update the Secure plus remote node entry.

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Completed Secure+ configuration											
Check settings correctly.											
Close the Secure+ Admin Tool	File Edit Key Man	Tool - [C: agement	Program Fi	les (x86)\S	terling Con	nmerce\Co	innect Dire	ct v4.7.0\S			
	Node Name Filter:										
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Check that you updated the settings correctly. You can now close the Secure plus Admin tool.

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Summary	
Configure the IBM CMS Keystore for Secure+.	
 Generate Certificate Signing Requests (CSR) for sending to a local or external Certificate Authority root providers. Exports certificates for importing into other IBM Sterling products is covered in anoth module, Configuring the IBM CMS Keystore for Secure+ Part two. 	/ (CA) her
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In the first part of this presentation, you learned about Configuring the IBM CMS keystore for Secure plus. In part two, you will look at generating Certificate signing requests for sending to local or external CA root providers. You will also learn how to export key certificates for importing into other IBM Sterling products.

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Configuring the IBM CMS Keystore for Secure+ Part 1

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