

Cybertrust Managed PKI

User Manual

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www.cybertrust.ne.jp

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18 April 2017	1.0.0.0	First edition		



Introduction

This document describes the Client Tool that downloads the certificate from the certificate authority and registers it in the certificate store in "Cybertrust Managed PKI".

Unless otherwise stated, this document uses Windows 10 for the explanation.



1. Installation

When a certificate is issued to a user, an e-mail notification regards to the certificate issuance will be sent.

Download the Client Tool's installer (msi file) from the download site specified in the mail contents.

Run the downloaded installer and start the installation.

1.1. Installation steps

The following are the steps for installation:

- 1. Execute the downloaded msi file (JFEengManagedPKIClient-en.msi).
- 2. Click [Next].

⊮ JFEeng ManagedPKI Client Welcome to the JFEeng ManagedPKI Clie Wizard	– ent Setu	p	×
The installer will guide you through the steps required to install JFE eng computer.	ManagedPKI	Client o	n your
WARNING: This computer program is protected by copyright law and in Unauthorized duplication or distribution of this program, or any portion of or criminal penalties, and will be prosecuted to the maximum extent pos	nternational tr of it, may resul ssible under th	eaties. t in seve e law.	re civil
Cancel	<u>3</u> ack	<u>N</u> e>	:t >
3. Click [Next].			

🛃 JFEeng ManagedPKI Client	—		×
Select Installation Folder			
The installer will install JFE eng ManagedPKI Client to the following folder.			
To install in this folder, click "Next". To install to a different folder, enter it be	elow or	click "Brov	wse''.
Eolder: C:\Users\User\AppData\Local\Programs\JFEengManagedPKIClient [\]		B <u>r</u> owse	
		<u>D</u> isk Cost	
Cancel < <u>B</u> ack		<u>N</u> ex	t>

- * Click [Browse] to change the installation destination for the installation folder.
- * Click [Disk Cost] to display the screen below. Remaining free space and other related information are shown here.

🕼 JFEeng ManagedPKI Client Disk Space 🛛 🕹 🗙						
The list below includes the drives you can install JFE eng ManagedPKI Client to, along with each drive's available and required disk space.						
Volume	Disk Size	Available	Require			
■ C:	59GB	45GB	2841K			
<			>			
	OK					

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- 4. Click [Next] to start installation. The screen below will be displayed.

🔀 JFEeng ManagedPKI Client			_		\times
Confirm Installation					
The installer is ready to install JFE eng Managed	PKI Client on) your computer.			
Click "Next" to start the installation.					
(Cancel	< <u>B</u> ack		<u>N</u> e	xt >

5. When installation is completed, the screen below will be displayed. Click [Close] to close the screen and end the installation operation.

Mo a ceng manageur ki chent					
Installation Complete)				5
JFEeng ManagedPKI Client has be	en successfully installed.				
Click "Close" to exit.					
Please use Windows Update to ch	eck for any critical update	s to the .NET Fra	mework	k.	
Please use Windows Update to ch	eck for any critical update	s to the .NET Fra	meworl	k.	

6. Make sure that this Resident icon will be displayed on the Windows System Tray.



7. Make sure the following items are added to the Start menu.





2. Steps for starting the application

This application automatically starts at login.

To confirm that the application has automatically started after login, check whether this icon is shown in the System Tray.



(t cybertrust In addition, if this application is not running for some reason such as forced termination in Task Manager, start the application by selecting this item from the Start menu.

I	JFEeng	
¢	JFEeng ManagedPKI Client	

3. New Certificate Registration

The following are the steps for registering a new certificate:

1. Right-click on the application icon on the System Tray. Select "New Certificate Registration" from the displayed menu.



2. Enter the User ID and Password in [User ID] and [Password]. Enter the values specified in [Policy ID|Request ID] from the e-mail notification about this certificate issuance, and then click [Download Certificate].

JFEeng ManagedPKI Client	\times
Please enter the certificate's "User ID", "Password" and "Policy ID Request ID" from your e-mail notification and the click "Download Certificate" button. The certificate will be installed automatically after being downloaded.	n
User ID (U):	
UserId	
Password (P):	
Policy ID Request ID (<u>R</u>):	
policyid 123456789012345	
Download Certificate (I)	

 In an environment that requires Proxy authentication, the screen below will be displayed. Enter the Proxy authentication information in [User Name] and [Password], and then click [Send].
 * In an environment where Proxy authentication is unnecessary, skip this step.

JFEeng Manag	gedPKI Client	\times			
The following server is requesting for a user name and password.					
To use the domai "user@domain"	in name for authentication, enter using this form	at:			
User Name (<u>U</u>):	ProxyUser				
Password (<u>P</u>):	•••••				
Send (<u>S</u>)					

4. If you need to import the root certificate for new registration certificate, the screen below will be displayed.

Confirm the contents and click [Yes].



5. When the screen below is displayed, registration of certificate is completed. Click [OK] to close this message screen and the new certificate registration screen.





4. Confirm Version Information

The following are the steps for checking the version information:

1. Right-click on the application icon on the System Tray. Select "About JFEeng ManagedPKI Client" from the displayed menu.





5. Uninstallation

5.1. Steps for uninstallation

5.1.1. Uninstall using the msi file

The following are the steps for uninstallation using the msi file:

- 1. Execute the msi file (JFEengManagedPKIClient-en.msi) which is the same file used for installation.
- 2. Select "Remove JFEeng ManagedPKI Client" and click [Finish].

援 JFEeng ManagedPKI Client	_		×
Welcome to the JFEeng ManagedPKI Client Wizard	Setup)	-
Select whether you want to repair or remove JFEeng ManagedPKI Client.			
 <u>Remove JFE eng ManagedPKI Client</u> <u>Remove JFE eng ManagedPKI Client</u> 			
Cancel < <u>B</u> ack		<u>F</u> i	nish

3. Click [Continue].



🖟 JFEeng ManagedPKI Client Files in Use	×				
The following applications are using files which the installer must remove. You can either close the applications and click "Try Again", or click "Continue" so that the installer continues the installation, and replaces these files when your system restarts.					
JFEeng ManagedPKI Client (Process Id: 3616)					
<u>I</u> ry Again <u>Continue</u> E <u>x</u> it Ins	tallation				

* If the process of this Client Tool is ended, this screen will be skipped.

* When you click [Exit Installation], the screen below is displayed and the uninstallation is interrupted.

🖟 JFEeng ManagedPKI Client	_		×
Installation Interrupted			
The installer was interrupted before JFE eng ManagedPKI Client could be re restart the installer to try again.	move	d. You ne	ed to
Click "Close" to exit.			
Cancel < <u>B</u> ack		<u>C</u> I	ose

4. The screen below will be displayed.



Click [Close] to finish uninstallation. 5.

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Please wait...

🖟 JFEeng ManagedPKI Client			_		×
Installation Complete					
JFE eng ManagedPKI Client has beer	n successfully removed.				
Click "Close" to exit.					
			F		
	Cancel	< <u>B</u> ack		<u>C</u> los	e



2. Select "JFEeng ManagedPKI Client" from the list and click "Uninstall".



Programs and Features			- 🗆 X
← → ~ ↑ 🖬 > Control	Panel > Programs > Programs and Features	✓ ♂ Search	Programs and Features 🔎
Control Panel Home	Uninstall or change a program		
View installed updates	To uninstall a program, select it from the list	and then click Uninstall, Change, or Rep	pair.
Turn Windows features on or off	Organize 🔻 Uninstall Change Repair		≣≡ ▾ (?
	Name	Publisher	Installed On Size
	JFEeng ManagedPKI Client	JFE Engineering Corporation	8/22/2017 (
	<		
	< USE JFE Engineering Corporation Pro	oduct version: 1.0.0 Size: 0.97 MB	
3. Click [Yes].	< JFE Engineering Corporation Pro	oduct version: 1.0.0 Size: 0.97 MB	
 Click [Yes]. Programs and Features 	< JFE Engineering Corporation Pro	oduct version: 1.0.0 Size: 0.97 MB	
3. Click [Yes]. Programs and Features	JFE Engineering Corporation Pro	oduct version: 1.0.0 Size: 0.97 MB	

4. Select "Automatically close applications and attempt to restart them after setup is complete.", then click [OK].



JFEeng ManagedPKI Client	\times
The following applications should be closed before continuing the install:	
JFEeng ManagedPKI Client	
Automatically close applications and attempt to restart them after setup is complete.	
O Do <u>n</u> ot close applications. (A Reboot may be required.)	

 * If the process of this Client Tool has ended, this screen will be skipped.

5. The screen below will be displayed. It closes automatically when uninstallation is completed.

JFEeng ManagedPKI Client	
Please wait while Windows configures JFEeng ManagedPKI Client	
Gathering required information	
Cancel	

6. Others

6.1. User's operation environment

6.1.1. Supported Operating Systems

The following operating systems are supported:

- Microsoft® Windows® 7 Service Pack 1 32bit
- Microsoft® Windows® 7 Service Pack 1 64bit
- Microsoft® Windows® 8.1 32bit
- Microsoft® Windows® 8.1 64bit
- Microsoft® Windows® 10 32bit
- Microsoft® Windows® 10 64bit

6.1.2. Display language

The following languages are supported:

- Japanese
- English

6.1.3. Supported Proxy Authentication Type

This application supports the following Proxy authentication protocols:

- Basic Authentication
- NTLM Authentication

6.2. How to confirm the certificate (IE)

The following are the steps for confirming the certificate from Internet Explorer:

- 1. Run the Internet Explorer.
- 2. Select [Internet options].





3. Open the [Content] tab and click [Certificates].

nternet Op	tions				?	×	
General S	ecurity Privacy	Content	Connections	Programs	Advan	iced	
Certificate	25						
9	Use certificates	for encrypt	ted connection	s and identifi	ication.		
C	ear <u>S</u> SL state	<u>C</u> erti	ficates	Publishe	ers		
AutoComp	lete						
	AutoComplete s	tores previ	ous entries	Setting	gs		
1	for you.	ia suggests	matches				
Feeds and	Web Slices						
1	Feeds and Web content from we	Slices prov	ide updated	Setting	gs		
	read in Internet	Explorer a	nd other				
	programs						

- 4. Confirm the displayed certificates screen.
- Select [Personal] to display certificates.



		Cybertrust	Managed PKI User Ma
tificates			>
ended purpose:	<all></all>		~
ersonal Other Peo	pple Intermediate Certification	n Authorities Tru	sted Root Certification 🚺
Issued To	Issued By	Expiratio	Friendly Name
Mpki-Test-001	Trial A CA	9/29/2017	CN=Mpki-Test-0
<u>I</u> mport <u>E</u> x	port <u>R</u> emove		Advanced
ertificate intended All>	purposes		
			View
			Close

• Select [Trusted Root Certification Authorities] to display certificates.

Certificates							×
Intended purpose:	<all></all>						~
Intermediate Certificat	ion Aut	thorities	Trusted Root C	ertification Aut	horities	Trusted Publ	• •
Issued To AddTrust Extern Baltimore Cyber Class 3 Public Pri Copyright (c) 19 DigiCert Global R DigiCert High Ass Entrust Root Cer Equifax Secure C	al ma 97 97 sur ttifi CA	Issued B AddTrust Baltimore Class 3 P Copyrigh DigiCert DigiCert Entrust F Equifax S GeoTrust	y t External CA cyberTrust ublic Primary it (c) 1997 Mi Global Root CA High Assuran Root Certifica Secure Certifi t Global CA	Expiratio 5/30/2020 5/13/2025 8/2/2028 12/31/1999 11/10/2031 11/10/2031 11/28/2026 8/23/2018 5/21/2022	Friendl The US DigiCer VeriSigi Microso DigiCer DigiCer Entrust GeoTru GeoTru	y Name ERTrust rt Baltimor n Class 3 oft Timest rt t t ust ust ust Global CA	~
Import	ort	R	emove			<u>A</u> dvan	ced
Certificate intended pu	urposes	5				View	
						Clos	e

6.3. Usage Cautions

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6.3.1. A target user during installation

This application does not support installation for all users by the administrator user.

Therefore, this application must be installed separately for each user.

6.3.2. Registry operation error during installation

This error may occur while installing this application.

🔀 JFEeng ManagedPKI Client	t	>
Could not write value	to key	
access to that key, or contact vo	Verity	that you have sufficient
E <u>x</u> it Installation	<u>I</u> ry Again	C <u>o</u> ntinue
E <u>x</u> it Installation	<u>I</u> ry Again	C <u>o</u> ntinue
E <u>x</u> it Installation	<u>I</u> ry Again	C <u>o</u> ntinue
E <u>x</u> it Installation	<u>I</u> ry Again	C <u>o</u> ntinue

If you click [Continue] on this screen, the installation itself will continue and the application will be installed. However, due to this error, the application may not start automatically during login.

In this case, you will need to reinstall the application or contact the administrator.

6.3.3. Repair installation

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After the application is installed and the msi file same as the file used for installation is executed, the screen below will be displayed.

🛃 JFEeng ManagedPKI Client			_		×
Welcome to the JFEeng Wizard	ManagedPl	KI Client S	Setup	I	-
Select whether you want to repair or remo	ove JFE eng Manage	edPKI Client.			
Repair JFE eng ManagedPKI Client Remove JFE eng ManagedPKI Client	nt				
	Cancel	< <u>B</u> ack		<u>F</u> ir	iish

Select "Repair JFEeng ManagedPKI Client" and click [Finish] on this screen to execute the repair installation.

However, this repair installation does not overwrite the existing files. It will be restored if the target files do not exist such as they are deleted manually.

* The original EXE file will be not replaced even when the EXE file of another application is intentionally renamed and copied to the same folder.