Certificate Issue Web Site Manual: Firefox Edition

Revis	sion History	ry			
Rev.	Date (YYYY/MM /DD)	Description	Edit or		
V. 1.0	2015/4/1	First revision	NII		
V. 1.1	2016/12/26	Amendment with addition of [NII Open Domain S/MIME CA] as a new Certificate Authority	NII		
V. 2.2	2018/2/26	Addition of steps to change the language in the certificate retrieval procedure and amendment associated with the operating environment change.	NII		
V. 2.3	2021/10/12	Change of issuance method by web enrollment.	NII		

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1. Setting the Browser

Sections to follow discuss how to set up the browser prior to using this system.

1-1. Firefox Settings

No prior settings are required with Firefox.

2. Retrieving the Certificate

2-1. Prerequisites

The prerequisites for retrieving the Certificate are described. Replace the technical terms according to the user environment in which the Certificate will be retrieved.

(The procedures required for Mozilla Firefox 58 are described in this document.)

Prerequisites

- 1. You have the Access PIN issued by the certificate use administrator;
- 2. you have received the e-mail designating the certificate retrieval URL; and
- 3. Mozilla Firefox is installed.

2-2. Certificate Retrieval

2-2-1. Notification of URL for the Certificate Retrieval

Once you complete the certificate application, you will receive the e-mail from this system that notifies the certificate retrieval URL for the certificate download.

Access the certificate URL in the e-mail message and retrieve the certificate.

Notification of URL for the Certificate Retrieval

[Title]

client certificate issue acceptance notice

snip

Please find below the URL for the requested certificate retrieval.

Please download a client certificate accessing the following certificate acquisition URL. Please correctly enter access PIN acquired at 1) for request of entering access PIN accessing the certificate acquisition URL. The download of a certificate is going to start as the authentication by the access PIN is completed.

certificate acquisition URL:https://scia.secomtrust.net/~*(https://scia.secomtrust.net/~) + <- Access this URL to retrieve the Certificate.

snip

2-2-2. Retrieving the Certificate Using Firefox

Retrieving the Certificate using [Firefox] is described.

Process of Issuing the Certificate Using Firefox

By specifying the web browser used for this system as the [Default] web browser, failure of the client authentication (including access failures) should be prevented.

In this document, setting up the following prior to retrieving the certificate is recommended. With Firefox, click on the Menu icon and select [Options] to get the Options screen.

🍯 New Tab	× +			-		×
← → ♂ ☆	Q Search or enter a	ddress]	\ ⊡	Ξ
		e	Sign in to Sync			
Q Search the	e Web	□ □	New Window New Private Win	dow	Ct Ctrl+Shi	rl+N ift+P
		Ģ	Restore Previous	Session		
TOP SITES			Zoom –	100%	+	×۶
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		<i>.</i>	Customize			
a			Open File		Ct	rl+0
			Save Page As		C	trl+S
amazon	twitter	1	Print			
		۹	Find in This Page	e	C	trl+F
☆ HIGHLIGHTS			More			>
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		0	Help			>
	+ /	Ċ	Exit		Ctrl+Shi	ft+Q
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Star	rt browsing, and we'll sho	w some of the	great articles,			

IN the [General] screen, click [Make Default...] in the [Startup] field.

Coptions	× +		- 0
→ C' û 😜	Firefox about:preferences	습	III\ 🗊
		♀ Find in Options	
🔆 General	General		
Q Search	Startup		
Privacy & Security	Always check if Firefox is your default brows	ser	
	😔 Firefox is not your default browser	Mak	e <u>D</u> efault
Firefox Account			
	When Firefox starts		
	• Show your nome page		
	Show a blank page		
	Show your windows and tabs from last time	2	
	Home page		
	Mozilla Firefox Start Page		
⑦ Firefox Support	Use Current Page	. Restore t	o Default

1. According to the instruction in [2-2-1. Notification of URL for the Certificate Retrieval], access the certificate retrieval URL provided in the email.

In the password prompt, enter the Access PIN you have received.

< <retrieving a="" certificate?="" for="" lost="" new="">></retrieving>		
If you get the [User Identification Request] dialog box to select the digital certificate	, click	[Cancel].
User Identification Request	×	

This site has requested that yo scia.secomtrust.net:3443	ou identify yourself with a certific	ate:
Organization: "SECOM Trust Sys	stems Co.,Ltd."	
Issued Under: "National Institute	e of Informatics"	
Choose a certificate to presen	t as identification:	
KOKURITSU HANAKO [00:E1:FF:	:E0:18:24:D0:2C]	~
Details of selected certificate:		
Issued to: CN=KOKURITSU HANAKO,O=TestKikanOrg,L=A Serial number: 00:E1:FF:E0:18:24 Valid from Tuesday, January 16, May 19, 2022, 11:43:26 PM Key Usages: Signing,Key Enciph Issued by: CN=NII Open Domai	cademe,C=JP 4:D0:2C , 2018, 10:43:26 PM to Thursday, herment in CA - G4,O=National Institute of	* *
Remember this decision		

<<Updating for an expiring certificate?>>

If you already have a certificate and are updating that, select the one in current use in the certificate choice field.

his site has requested that you identify yourself with a	certificate:
cla.secomtrust.net:3443	
Organization: "SECOM Trust Systems Co., Ltd."	ficate currently in use
ssued Under: "National Institute of Informatics"	incate currently in use
Thoose a certificate to present as identification:	
KOKURITSU HANAKO [00:E1:FF:E0:18:24:D0:2C]	~
Details of selected certificate:	
ssued to: CN=KOKURITSU	^
HANAKO, O= TestKikanOrg, L= Academe, C= JP	
Serial number: 00:E1:FF:E0:18:24:D0:2C	
/alid from Tuesday, January 16, 2018, 10:43:26 PM to Thurs May 19, 2022, 11:43:26 PM	day,
Key Usages: Signing, Key Encipherment	
ssued by: CN=NII Open Domain CA - G4,O=National Instit	tute of 🧹
Remember this decision	

 According to the instruction in [2-2-1. Notification of URL for the Certificate Retrieval], access the certificate retrieval URL provided in the email.
 In the password prompt, enter the Access PIN you have received.

in the password prompt, enter the Access rink you have received.	
備備・システム研究機構 国立情報学研究所 Colding and Manager And	
National Institute of Informatics	
UPKI Digital Certificate Issuance Service	
	日本語 /English
Client Certificate Download [STEP1]	
To issue the certificate, follow the steps.	
[STEP1] Enter the Password.	
[STEP2] Issue a certificate.	
[STEP3] Take a Certificate.	
[STEP1] Enter the Password.	
Please obtain the access PIN from the administrator and enter it below.	
Password :	

• To change the language, click the link in the upper right corner.

Clicking [日本語 (Japanese)] changes the language to Japanese. Clicking [English] changes the language to English.

	UPKI Digit	al Institute al Certificat	e Issuance	Service	
Client Certificate	Download [STE	2]			
To issue the certifi	ate, follow the st	eps.			
[STEP1] Enter the	Password.				
[STEP2] Issue a ce	rtificate.				
[STEP3] Take a Ce	tificate.				
[STEP2] Issue a ce	rtificate.				
Please click the [is	ue] button.				
This process may t	ake several minu	tes.			
		Previous	Issue		
Caution:					
Once you click [I	sue] button, ple	ease wait for	until [STEP3]	is shown.	
Please don't close	your browser.	And also, do	not click the	Previous] butto	n. The

4. If the certificate is successfully issued, the certificate will start downloading. When the download is complete, click the "X" button on your browser to close the browser.

^{術機・システム研究機構} 国立情報学研究所	
National Institute of Informatics	
UPKI Digital Certificate Issuance Service	
Client Certificate Download [STEP3]	
To issue the certificate, follow the steps.	
[STEP1] Enter the Password.	
[STEP2] Issue a certificate.	
[STEP3] Take a Certificate.	
[STEP3] Take a Certificate.	
The certificate has just been issued.	
please exit the browser used.	

<The certificate actually downloaded>

Tour certificates	reopie	Servers Automates	ouldis		
ou have certificates f	rom these or	ganizations that identify you			
Certificate Name		Security Device	Serial Number	Expires On	B
National Institute of Infor Admin	matics	Software Security Device	72:1D:B3:80:43:8D:0C:6C	Wednesday, July 6, 2022	
		-			
<u>V</u> iew <u>B</u> ackup.	Bac <u>k</u> up	All Import Delete	h		

Refreshing your Firefox will delete the captured certificate. Be careful and well reminded that you have to redo all relevant steps (from requesting through certificate issuing and install) if the certificate is lost by the deletion.

Options	× +		- 0	×	
→ C' û	Firefox about:preferences#privacy	☆	III\ 🗊	=	
	٩	Find in Options			
🔅 General					
Q Search	Security				
	Deceptive Content and Dangerous Software Protection	1			
	Block dangerous and deceptive content Learn more				
C Firefox Account	 Block <u>d</u>angerous downloads 				
	Varn you about unwanted and uncommon software				
	Certificates				
	When a server requests your personal certificate				
	Select one automatically				
	● Ask you every time				
	Query OCSP responder servers to confirm the current validit	y of View <u>C</u> erti	ficates		
	certificates	Security D	evices		

Refreshing your Firefox will delete the captured certificate. Be careful and well reminded that you have to redo all relevant steps from requesting through certificate issuing and install if the certificate is lost by the deletion.