

SFC CNS GUIDE 2017

-English Edition-

Shonan Fujisawa Information Technology Center
Keio University

Preface

The Shonan Fujisawa Information Technology Center continuously has put tremendous effort into providing the most advanced technology to all students, faculty, and staff at SFC since the establishment of this campus. This guide will walk through some of the most common techniques to use our cutting-edge technologies and methods to make the best use of the services to enhance students' learning experiences and be academically successful.

This book consists of three sections: introduction, basic use, and advanced use of the Shonan Fujisawa Campus - Campus Network System (SFC-CNS.)

Before starting your first day at SFC, you should be well-familiarized with our spirit. Everyone on this campus should contribute to the system to establish, improve and improvise new services for every individual on the network. Explore technology and make a difference.

Such cooperation is only possible when campus services are open to everyone. However, open often means insecure. Everyone has a responsibility to protect their own data and equipment and must respect others on the network.

Follow the rules written below and enjoy your college life:

- Do not illegally duplicate software. You must observe copyright laws.
- It is prohibited to access files or other information without permission from the author(s).
- Understand SFC-CNS is a system exclusively for education and research purposes. Do not use the services for other purposes (such as profit-making activities.)
- Do not access computers without permission.
- Do not troll others on social networking services.
- Do not send emails with the intention of harming others.
- Do not send or forward chain emails.
- You must be aware that people all over the world can read the webpages you create and publish on this network. Be sure to observe copyright law, especially when you include pictures, audio files, or movies.
- Do not cause trouble to others.

If you have any further questions, please feel free to visit the CNS Consultant Desk in the Media Center or the Shonan Fujisawa Information Technology Center (ITC) at SFC.

Acknowledgement

ITC organized an editorial committee consisting mainly of students to determine what contents should be included in this guide book. Many other contributions from students are contained throughout the book in the form of "frequently asked questions."

I would like to thank the students for writing, correcting and editing this guide, and I am grateful to all the people who contributed to the SFC CNS Guide.

Keisuke Uehara

Director, Shonan Fujisawa Information Technology Center

Shonan Fujisawa Information Technology Center (ITC)

Director Keisuke Uehara

SFC CNS GUIDE Editorial Committee

Leader Akino Nakamura

Member	Ayano Kawakami	Sera Narumoto	Ayumi Kukita	Yuuki Mizuochi
	Mizuka Ono	Yuuki Tsuchida	Leo Fujita	Korry Luke

Staff	Yukiteru Sekimoto	Takashi Yamagata	Yozo Watanabe
-------	-------------------	------------------	---------------

Contents

1 Start Up

What is SFC-CNS?	8
Websites You Can Use on Campus	10
Access Content Only Available on Campus from Outside	13

2 Wireless LAN

About the Wireless LAN Environment on Campus	16
Connecting Your PC (Windows 10) to CNS	17
Connecting Your Mac (mac OS) to CNS	26
Connecting Your iOS Device to CNS	29
Connecting Your Android Device to CNS	34
Connecting Your Device to CNS by EAP-PEAP Authentication	39

3 CNS Mail

Using Your CNS Mail Accounts	42
Checking Your CNS Mailbox from On-Campus Computers	43
Configuring Your CNS Mail on Your PC (Windows 10)	44
Configuring Your CNS Mail on Your Mac (mac OS)	48
Configuring Your CNS Mail on Your iOS Device	52
Configuring Your CNS Mail on Your Android Device	57
Various Settings in CNS Mail	62

4 CNS Printers

Using Printers at SFC	66
Printing from On-Campus Computers	69
Printing from Your PC (Windows 10)	71
Printing from Your Mac (mac OS)	76

5 Antivirus

Protecting Your Computers from Security Threats	86
Installing Antivirus Software on Your PC (Windows 10)	87
Installing Antivirus Software on Your Mac (mac OS)	91
How to Update Your Windows / mac OS System	98

6 CNS Servers

Using CNS Servers	102
Remote Access to CNS Servers	103
Transferring Files to CNS from Your PC (Windows 10) with WinSCP	113
Transferring Files to CNS from Your Mac (mac OS) with Cyberduck	117
Publishing Files on the Web	119

7 FAQ

Services that Require Pre-registration	124
How to Reset Account Passwords	126
Troubleshooting	130
Troubleshooting of On-Campus Macs	132
How to Check a PC's Operating System	135
SFC-CNS Technical Support Services	136

8 Appendix

Terms of Use	138
Other Support Services	139
Who are CNS Consultants?	140
Rules of Using On-Campus Computers	141
List of Centers on Campus	142
Copyright Rules and Claims	144
Index	146

COLUMN

About VPN	13
Threats on the Web	100
Tips for Creating Stronger, More Secure Passwords	129
What is " 残留 " (zanryu)?	141
About Keio ID and Keio Apps ID	143

1

Start Up

Introduction to SFC-CNS and other frequently used websites

What is SFC-CNS ?	8
Websites You Can Use on Campus	10
SFC-SFS	10
keio.jp	11
Other Websites	12
Access Content Only Available on Campus from Outside	13

1

What is SFC-CNS ?

01 What is SFC-CNS ?

SFC-CNS stands for Shonan Fujisawa Campus - Campus Network System. A network is a web of interconnected computers that share information resources, which is an integral part of our society. CNS is the network system that supports academic life of Shonan Fujisawa Campus.

Network system resources available for your use are delivered in different forms, including wireless network access points, the Gakuji Web System (Academic Affairs Web System), and many others. CNS is the overall environment of all shared network resources for students, faculty, and staff at SFC.

On campus, there are a number of computers connected to CNS for research and educational purposes. All students, faculty, and staff on campus are free to use the shared resources through these computers installed on campus or on your personal computers.

02 What is an "Account"?

Many people at SFC use CNS. Those who use the system are called "users" and their privileges to use CNS are called "accounts".

Accounts on CNS are assigned to students, faculty, and staff in the Faculty of Policy Management, Faculty of Environment and Information Studies, Faculty of Nursing and Medical Care and Graduate School of Media and Governance, and Graduate School of Health Management, according to the CNS Terms of Use (refer to 【p.138 : Terms of Use】 .)

If you would like to obtain a CNS account but are not a student, faculty, or staff of the five departments listed above, you can do so at the "Information for Students at Other Campuses" section of the Shonan Fujisawa Information Technology Center (ITC) website:

⇒ http://www.sfc.itc.keio.ac.jp/en/top_sfc.html

*If you are only taking correspondence courses and foreign language courses, you are not eligible to receive a CNS account.

In order to identify users and manage the security of CNS, all students on campus are provided with a CNS account. A CNS account has a uniquely assigned login name and a password. The login names of undergraduate students contain the user's faculty, enrollment year, and initials.

s 17xxx tk
 faculty enrollment name initials
 year

The example login name shown above belongs to a student enrolled at the Faculty of Policy Management in academic year 2017. Each user has an email address in the form "[your CNS login name]@sfc.keio.ac.jp", which can be accessed by using a separate password from your CNS login password (refer to **【p.126 : Checking and Changing SFC-CNS Passwords】** .)

03 Password Management

A CNS login password is used to confirm your identity when accessing certain resources on CNS. You must make a password that satisfies the following conditions:

- Contain only alphanumeric characters and certain special characters
- Contains 10 or more characters
- Contains at least one uppercase characters and lowercase characters and one number

The following password types should be avoided completely because they can be easily guessed.

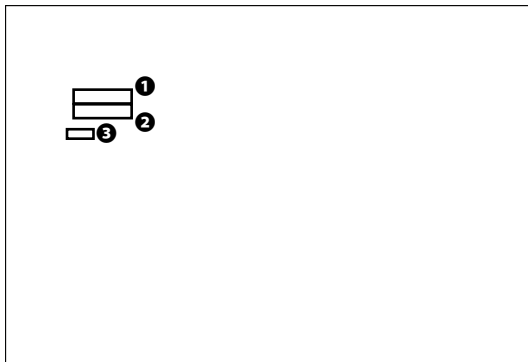
- Your name or any relative's name
- Common dictionary words
- Birthday, address, telephone number, or repeated sequences of characters

Your CNS login password must be changed at least once every 180 days, or your CNS account will be suspended. For help changing your password, please refer to **【p.126 : Checking and Changing SFC-CNS Passwords.】** If you forget your password, or if your account has been suspended, please bring your student ID or campus card to the CNS/ERNS service desk at the Shonan Fujisawa Information Technology Center (refer to **【p.136 : SFC-CNS Technical Support Services】**).

If you suspect any suspicious activity involving your CNS account, change your CNS login password immediately and consult the CNS/ERNS service desk at the Shonan Fujisawa Information Technology Center. To change your CNS login password, please refer to **【p.126 : Checking and Changing SFC-CNS Passwords.】**

2

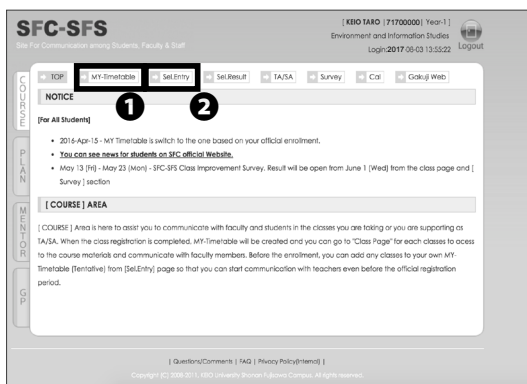
Websites You Can Use on Campus

SFC-SFS

01 About SFC-SFS?

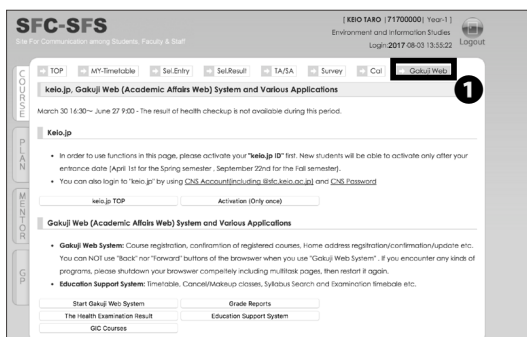
SFC-SFS is the communication support system for faculty members and students on campus. You will find information about your registered classes. In order to login, type your CNS login name in ❶ "CNS ACCOUNT" and your CNS login password in ❷ "CNS PASSWORD." Then, click ❸ "LOGIN."

⇒ <https://vu.sfc.keio.ac.jp/sfc-sfs/index.cgi?+en>



02 Use SFC-SFS

You can check your class scheduled on ❶ "MY-Timetable." To view the class page, click the name of the class you are taking. On this page, you can check detailed information about classes, download lecture notes, submit assignments, and request to stay overnight to study. You can create your plan for next semester and submit assignments for classes requiring pre-registration on ❷ "Sel. Entry."



03 Academic Affairs Web System

You have access to the ❶ "Gakuji Web (Academic Affairs Web System)" through SFC-SFS. Services such as "keio.jp Activation," "Cancelled Class Information," and "Grade Reports" are also available here.

keio.jp

01 What is keio.jp?

Keio.jp is the identity management platform used in Keio University. The system can also be used to obtain student software licenses.

⇒ <http://keio.jp/>

You must set up and activate your keio.jp account on SFC-SFS Gakujū Web before the first use.

After activating your account, type your keio.jp ID in ❶ "ID" and your keio.jp password in ❷ "Password." Then, click ❸ "Login."

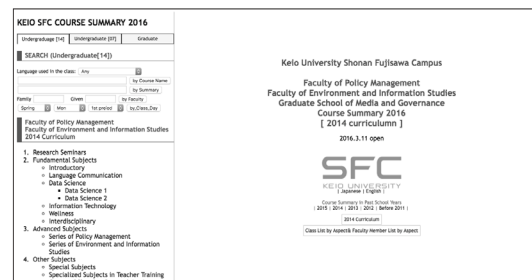
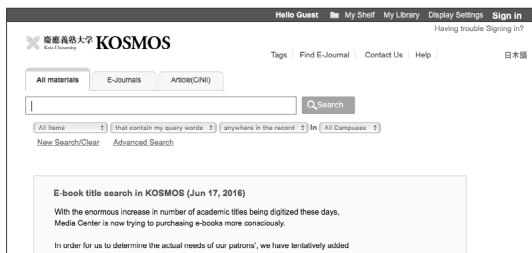
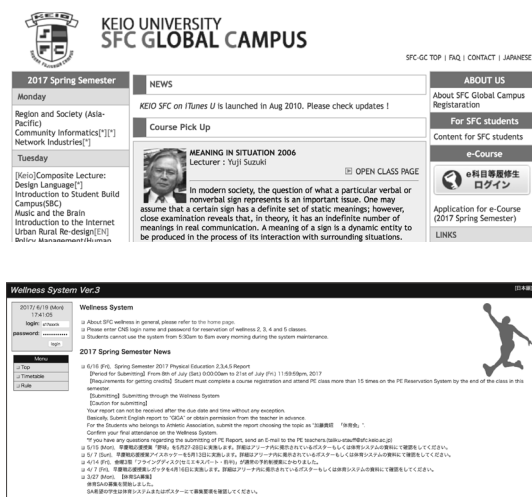
Since November 11, 2014, keio.jp can also be accessed by logging in with your CNS account and CNS login password. To login with your CNS account, type "[your CNS login name]@sfc.keio.ac.jp" in ❶ "ID" and your CNS login password to ❷ "Password." Then, click ❸ "Login."

02 Use keio.jp

On keio.jp, you are free to download licenses for software, and browse through various research journals and publications.

The software licenses that students are allowed to use are listed on [p.124 : Services that Require Pre-registration.] Also, to issue license after accessing keio.jp, please check STEP 01 ~ 10 of [p.87 : Installing Antivirus Software On Your PC] .

Other Websites



01 SFC Global Campus

This website is for sharing our courses globally to the outside students. Approximately 500+ classes and 5000+ class videos are open to the public for free.

⇒ <http://qc.sfc.keio.ac.jp/index.cgi?lang=e&term=2017s>

02 Wellness(Physical Education) System

You can write notes, submit reports, and make reservations for physical education 2-5 classes.

⇒ <https://wellness.sfc.keio.ac.jp/v3/pc.php?newLang=en>

03 Shonan Fujisawa Media Center (Library)

Opening hours of Media Center and library event news are on this website. You can also make a reservation for using the AV Hall, studios, and so forth.

⇒ <http://www.sfc.lib.keio.ac.jp/enq/>

04 KOSMOS

KOSMOS allows you to search for books in the Keio University libraries, reserve books, and check the status of any currently checked-out books.

⇒ <http://kosmos.lib.keio.ac.jp/>

05 Class & Seminar Syllabus

The SFC syllabus has different pages for regular classes and seminars. You can access each from the URL below:

Class syllabus ⇒ https://vu.sfc.keio.ac.jp/course_u/data/2017/title14_en.html

Seminar syllabus ⇒ <https://vu.sfc.keio.ac.jp/project/>

3

Access Content Only Available on Campus from Outside

Browsing the Web Using the CNS Network over WebVPN

Several webpages are accessible only on campus due to licensing restrictions. However, you can use these websites from outside SFC if you have a CNS account.

SFC has several different methods for accessing restricted content. Here, we will explain how to browse websites with WebVPN.

01

Open a web browser and go to the following URL:

⇒ <https://vpn2.sfc.keio.ac.jp/>

Type your CNS login name in ❶ "CNS login name" and your CNS login password in ❷ "CNS login password." Then, click ❸ "ログイン (Login)."

02

Type the URL of the webpage you want to browse in ❶ and click ❷ "参照 (Reference)." You can browse the website almost as if you were on campus.

COLUMN vol.1

About VPN

VPN stands for Virtual Private Network, which enables a computer to access and transmit data to a private network as if it were connected directly. It extends a private network over public network, such as the internet. VPNs allow computers connected to the internet to work from remote places while benefiting from the security and management systems of the private network. SFC has several different methods for accessing content restricted to on-campus use. To get more details, see "VPN Service" on the ITC website.

⇒ http://www.sfc.itc.keio.ac.jp/en/network_cns_vpn.html

2

Wireless LAN

Explaining how to connect to the wireless LAN available on campus from your own device.

About the Wireless LAN Environment on Campus	16
Connecting Your PC (Windows 10) to CNS	17
Connecting Your Mac (mac OS) to CNS	26
Connecting Your iOS Device to CNS	29
Connecting Your Android Device to CNS	34
Connecting Your Device to CNS by EAP-PEAP Authentication	39

1

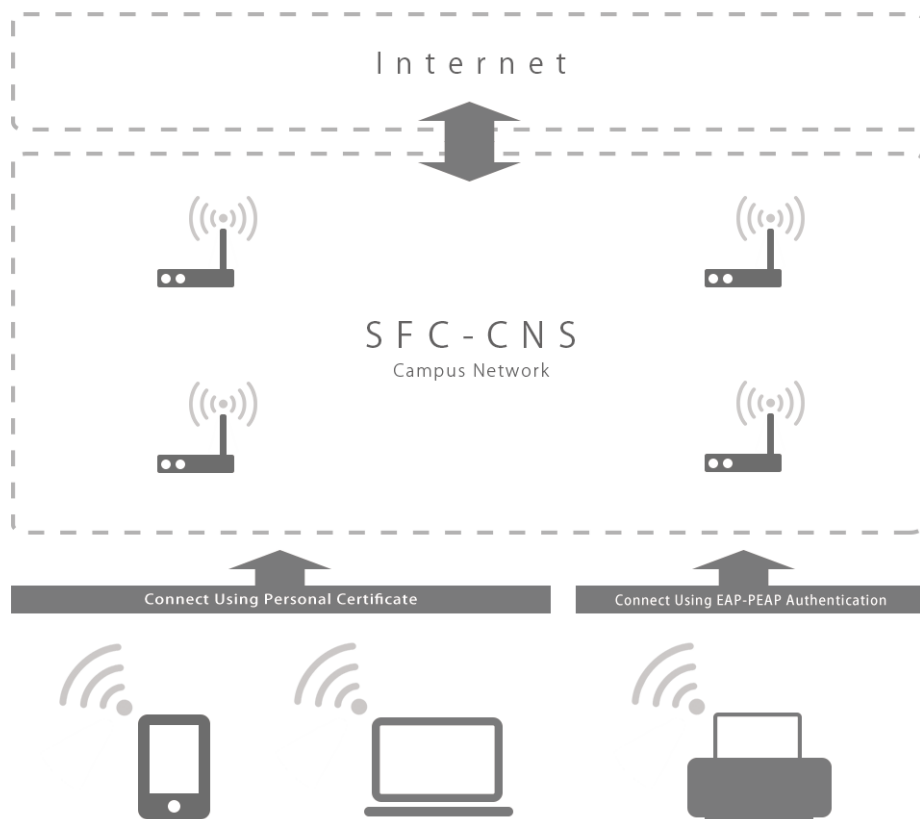
About the Wireless LAN Environment on Campus

Wireless network access points are widely available on campus for research and educational purposes. Wireless LAN is a network connected over wireless signals. Wireless LAN of CNS uses IEEE 802.11 a/b/g/n. Your access must be authenticated via personal certificate, EAP-PEAP. Your certificate strengthens the security of your connection and confirms your identity on the network.

In this section, we are going to explain how to access

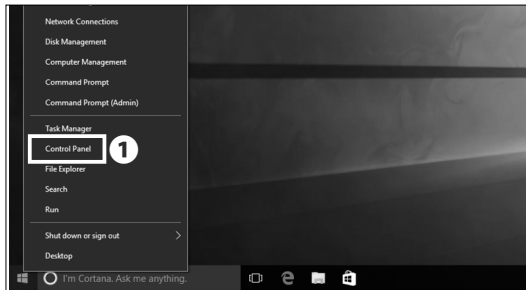
the Internet using a personal certificate using Windows 10, mac OS, iOS, or Android.

If your device is not compatible with EAP-TLS authentication, EAP-PEAP certification is recommended.



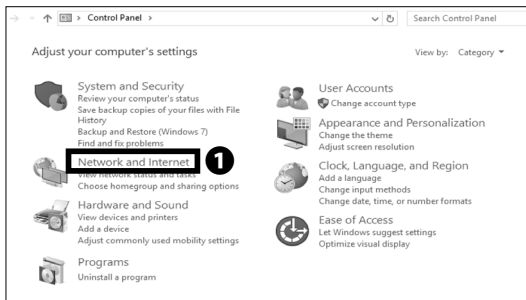
2

Connecting Your PC (Windows 10) to CNS



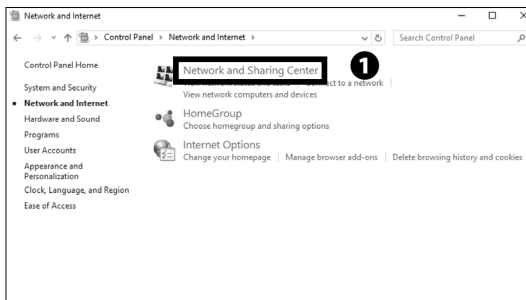
01

First, connect to the wireless LAN temporarily for network configuration. If you have a mobile router or any other method of connecting to the Internet, skip to STEP 08. If not, right-click the Windows key and click ❶ "Control Panel".



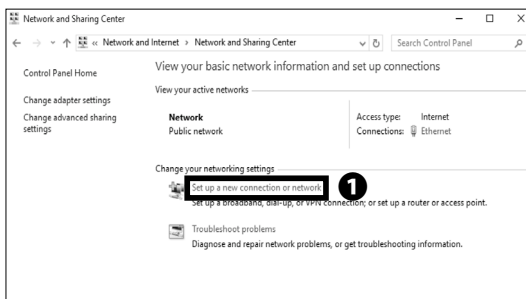
02

Click ❶ "Network and Internet."



03

Click ❶ "Network and Sharing Center."



04

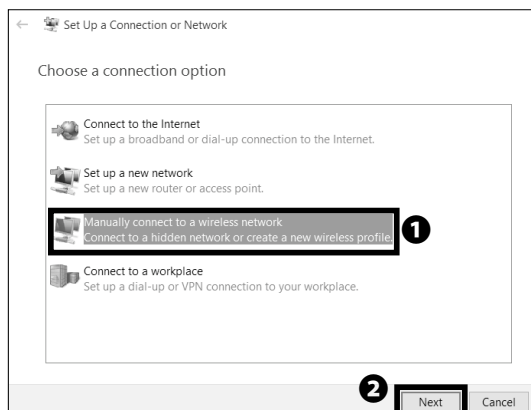
Click ❶ "Set up a new connection or network."

Start Up 1

Wireless LAN 2

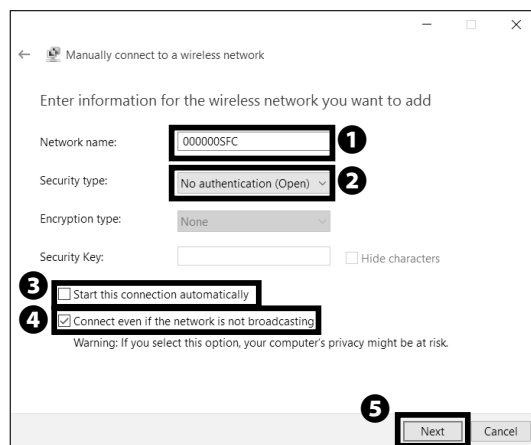
CNS Mail 3

CNS Printers 4



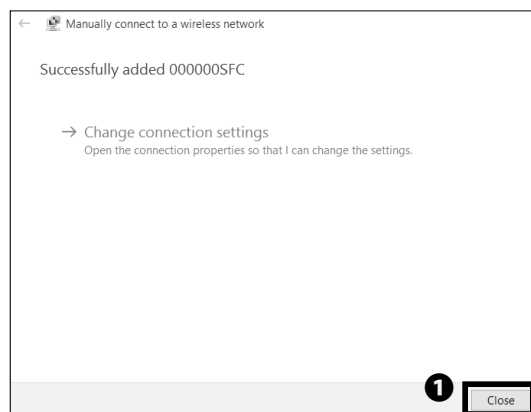
05

Select **1** "Manually connect to a wireless network" and click **2** "Next."



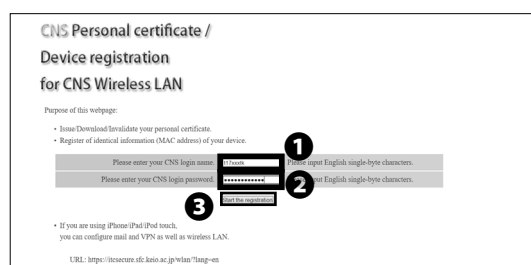
06

Type "000000SFC" in **1** "Network name" and select "No authentication (Open)" from **2** "Security type." Make sure that **3** "Start this connection automatically" is unchecked, and check **4** "Connect even if the network is not broadcasting." Then, click **5** "Next."



07

Click **1** "Close."



08

Open a web browser and go to the URL:

⇒ <https://itcsecure.sfc.keio.ac.jp/wlan/?lang=en>

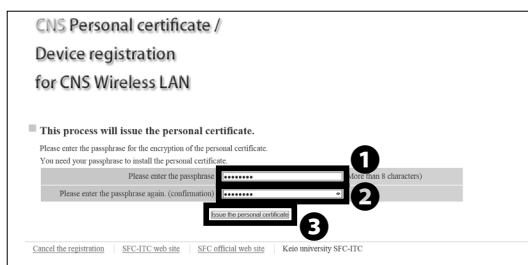
Type your CNS login name in **1** and your CNS login password in **2**, then click **3** "Start the registration."



09

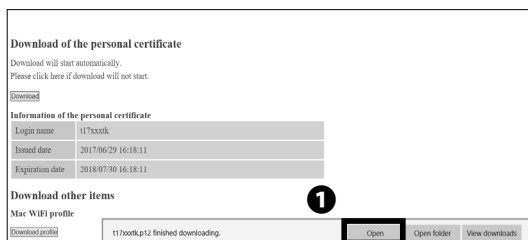
If this is your first time creating a personal certificate, select "Issue" in ❶ and click ❷ "Submit."

If you have already issued your personal certificate and the certificate is still valid, select "Download" in ❶, click ❷ "Submit," and skip to STEP 11. If your certificate has expired, select "Reissue" in ❶ and click ❷ "Submit." If you select "Reissue," your previous issued certificate will be invalidated.



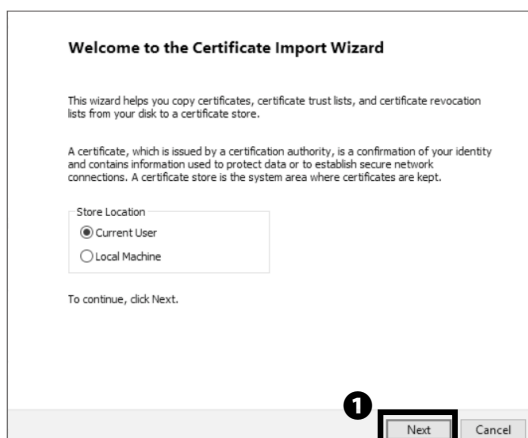
10

Make a new passphrase for your personal certificate. This password is necessary to protect your personal certificate against unauthorized use and must contain at least 8 characters. Type your passphrase in ❶ • ❷, and click ❸ "Issue the personal certificate." This passphrase will be used in STEP 14 and will be required when installing your certificate on any additional devices.



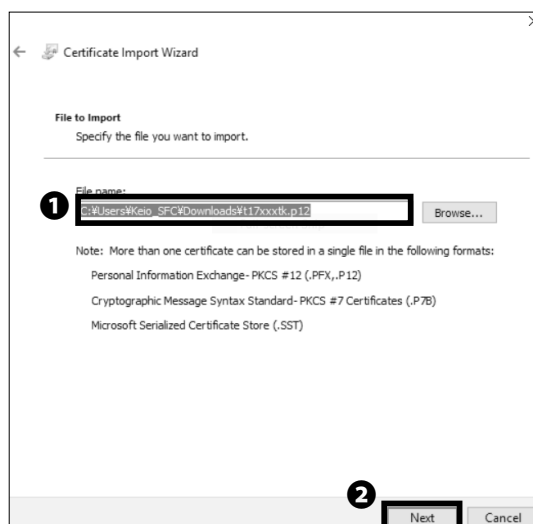
11

Your browser will prompt you to download the certificate. On Microsoft Edge, a dialogue box will appear at the bottom of the window. Click ❶ "Open."



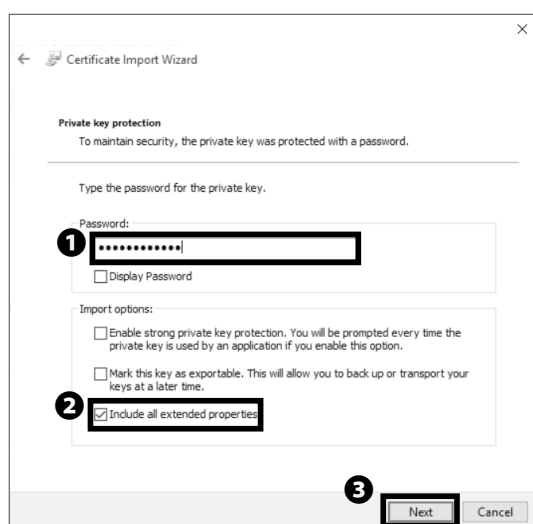
12

Open the file you just downloaded and wait for the "Certificate Import Wizard" to appear. Then click ❶ "Next."



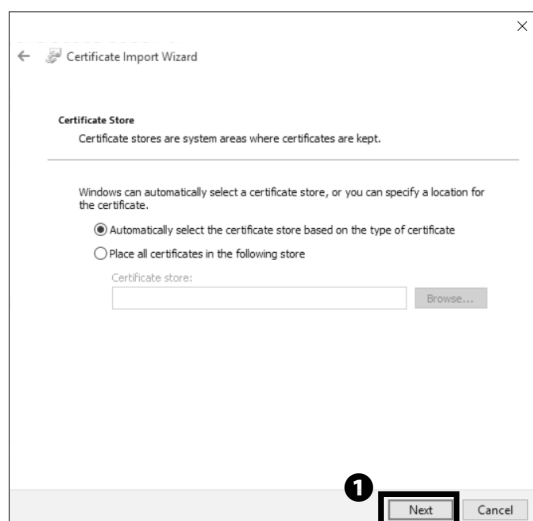
13

Make sure that the path to your downloaded certificate is correctly entered in **1** "File Name." Then click **2** "Next."



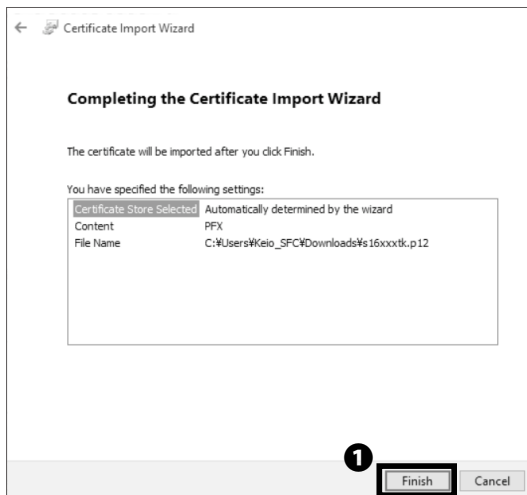
14

Type your personal certificate passphrase from STEP 10 in **1** "Password," and check **2** "Include all extended properties." Then, click **3** "Next."



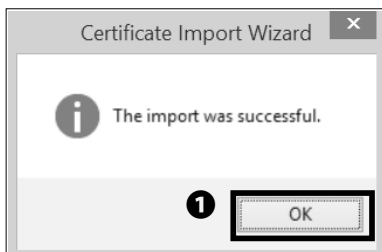
15

Click **1** "Next."



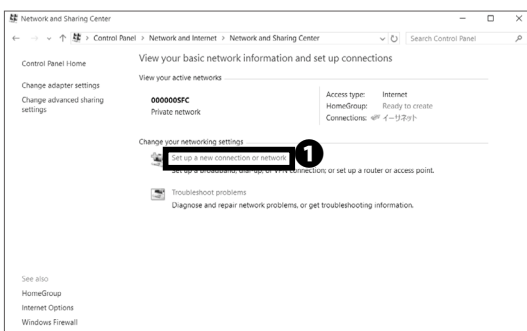
16

Click ① "Finish."



17

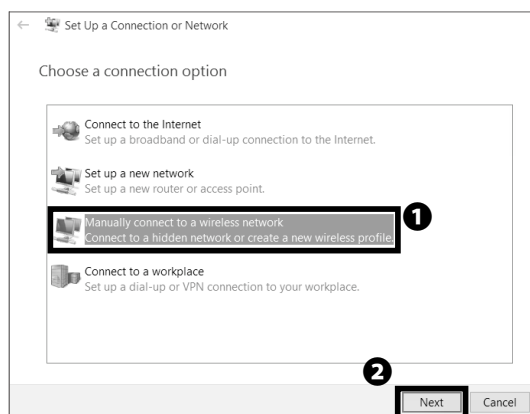
Click ① "OK."



18

Go back to "Control Panel" and open "Network and Sharing Center" from "Network and Internet."

Then, click ① "Set up a new connection or network."



19

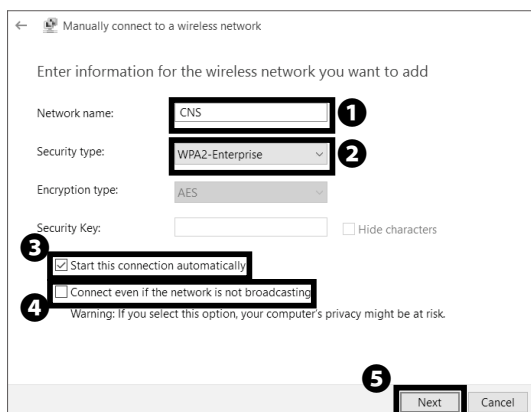
Select ① "Manually connect to a wireless network" and click ② "Next."

Start Up 1

Wireless LAN 2

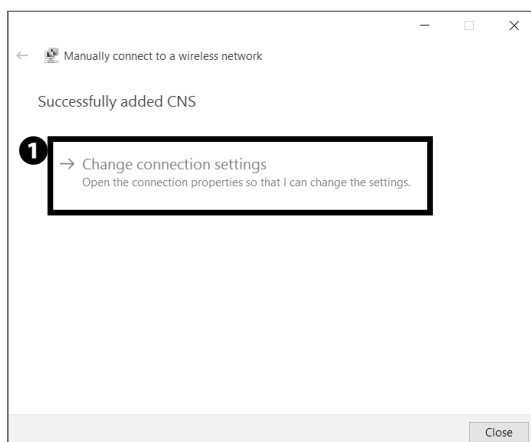
CNS Mail 3

CNS Printers 4



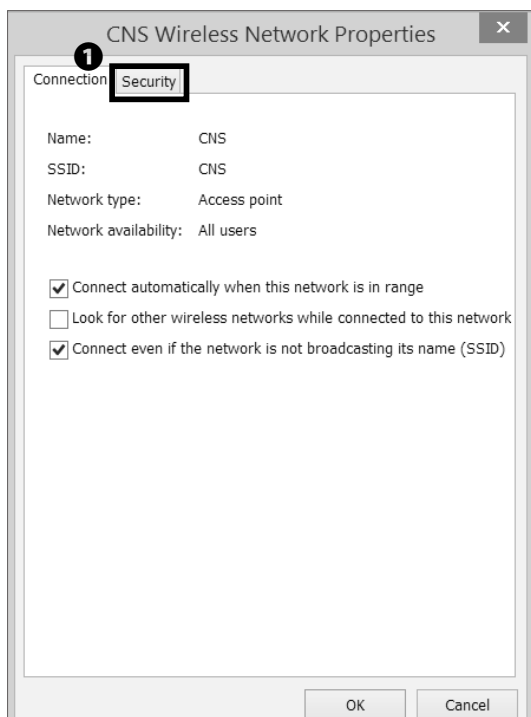
20

Type "CNS" in ① "Network name." Select "WPA2-Enterprise" from ② "Security type" and check ③ "Start this connection automatically." Make sure ④ "Connect even if the network is not broadcasting" is unchecked. Then click ⑤ "Next."



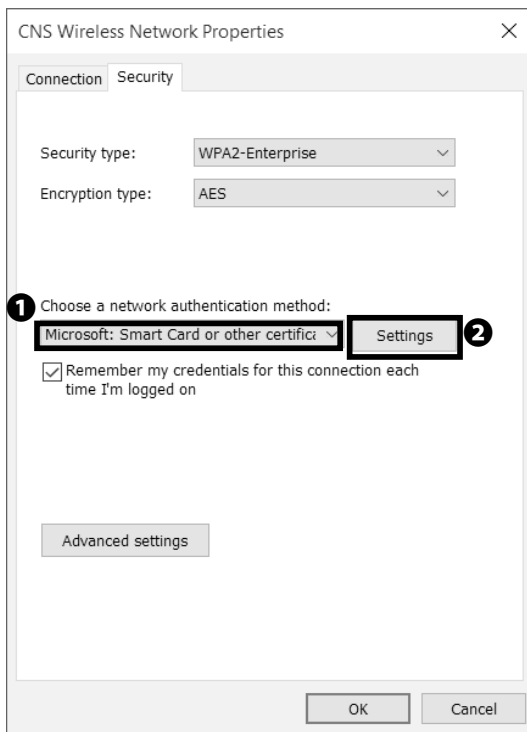
21

Click ① "Change connection settings."



22

Click ① "Security" tab.



23

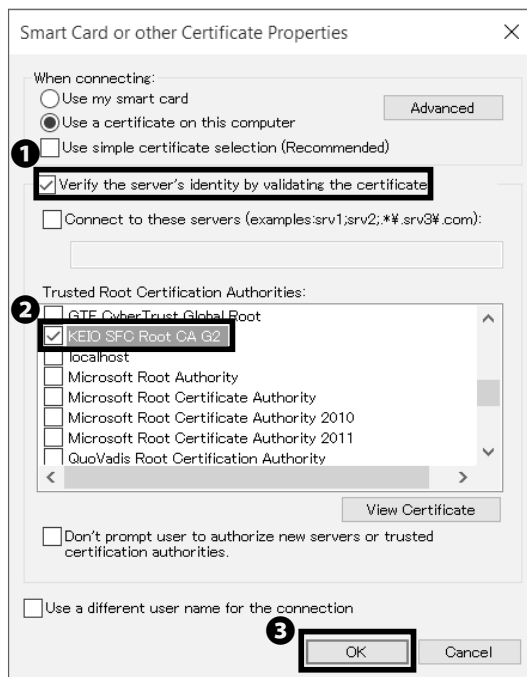
On "Choose a network authentication method", select

- 1 "Microsoft: Smart Card or other certificate" and click
- 2 "Settings."

Start Up 1

Wireless LAN 2

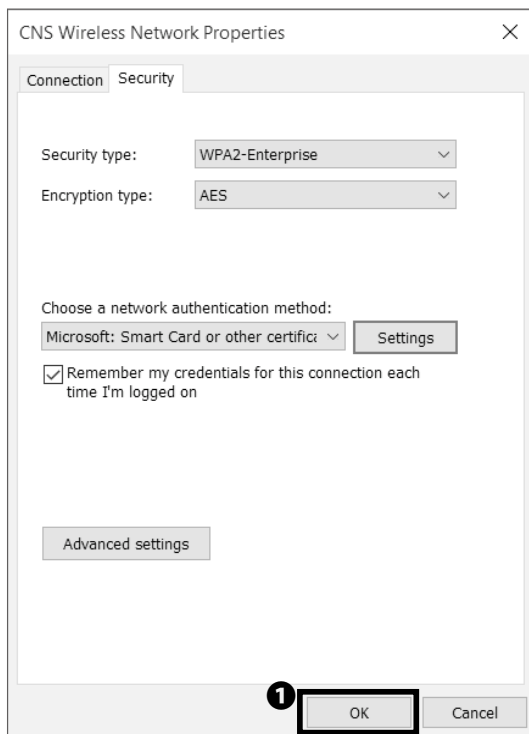
CNS Mail 3



24

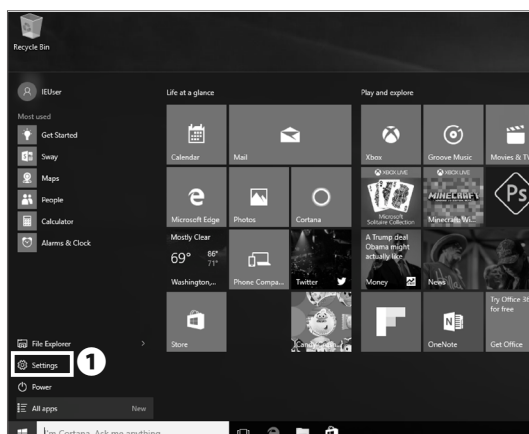
Check 1 "Verify the server's identity by validating the certificate". Check 2 "KEIO SFC Root CA G2" in "Trusted Root Certification Authorities:". Then, click 3 "OK."

CNS Printers 4



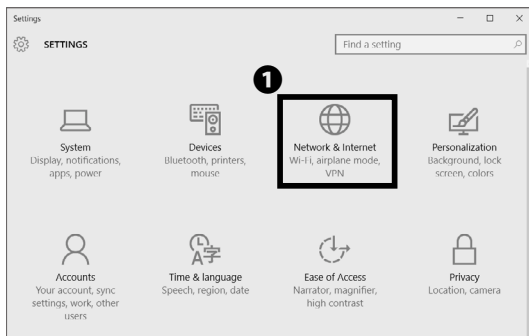
25

Click 1 "OK."



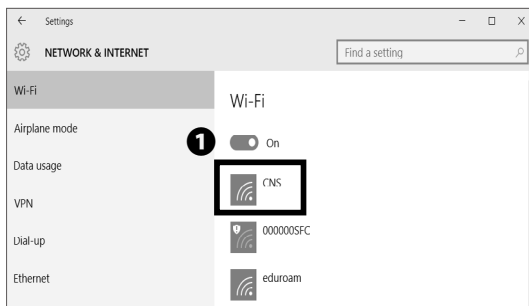
26

Click 1 "Settings" icon.



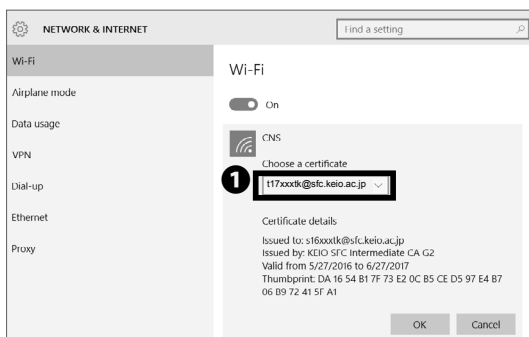
27

Click ❶ "Network & Internet" icon.



28

Click ❶ "CNS".



29

In ❶ "Choose a certificate", select "[your CNS login name]@sfc.keio.ac.jp." From now on, if you are on campus, your device will connect to CNS automatically.

Connecting your PC (Windows 10) to CNS is completed.

Start Up 1

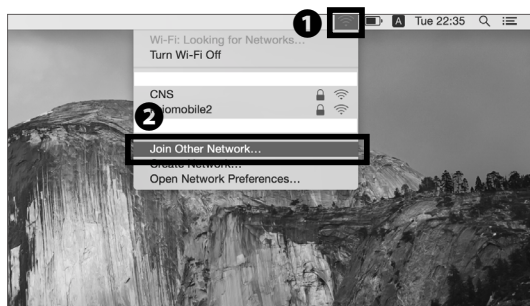
Wireless LAN 2

CNS Mail 3

CNS Printers 4

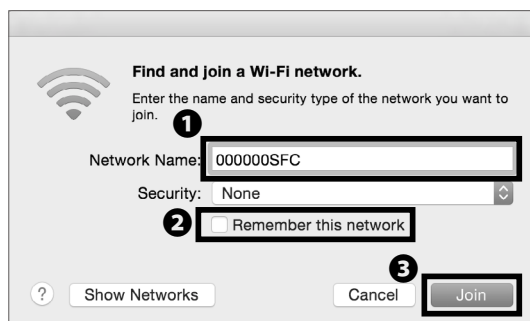
3

Connecting Your Mac (mac OS) to CNS



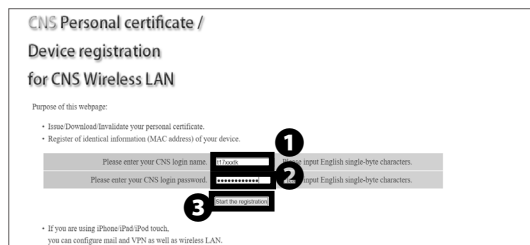
01

First, connect to the wireless LAN temporarily for configuration. If you have a mobile router or any other method to connect to the Internet, skip to STEP 03. If not, click ② "Join Other Network..." from the list of ① Wi-Fi icon.



02

Type "000000SFC" in ① "Network Name." Uncheck ② "Remember this network." Then, click ③ "Join."

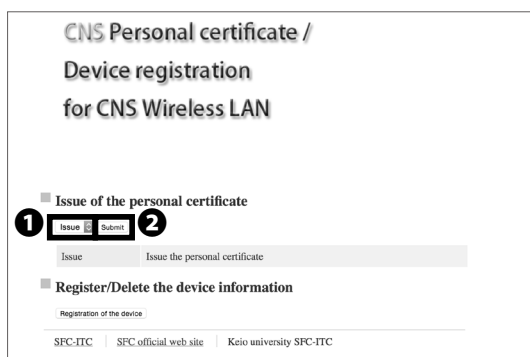


03

Open a web browser and go to the following URL:

⇒ <https://itcsecure.sfc.keio.ac.jp/wlan/?lang=en>

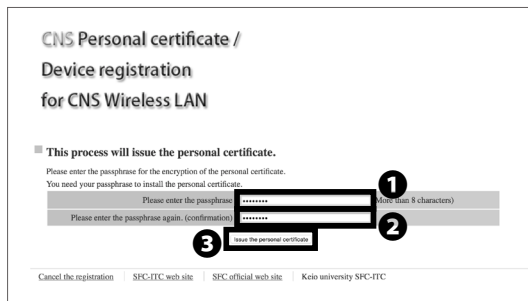
Type your CNS login name in ① and your CNS login password in ②. Then, click ③ "Start the registration."



04

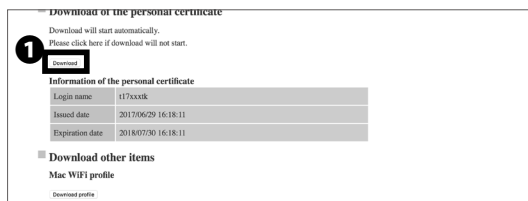
If this is your first time creating a personal certificate, select "Issue" in ① and click ② "Submit."

If you have already issued your personal certificate and the certificate is still valid, select "Download" in ①, click ② "Submit," and skip to STEP 06. If you don't remember your certificate password, select "Reissue" in ① and click ② "Submit." If you select "Reissue," your previous certificate will be invalidated.



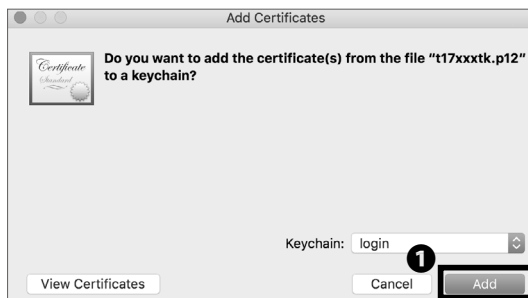
05

Make a new passphrase for your personal certificate. This password is necessary to protect your personal certificate against unauthorized use and must contain at least 8 characters. Enter your passphrase in ① • ②, and click ③ "Issue the personal certificate." This passphrase will be used in STEP 08.



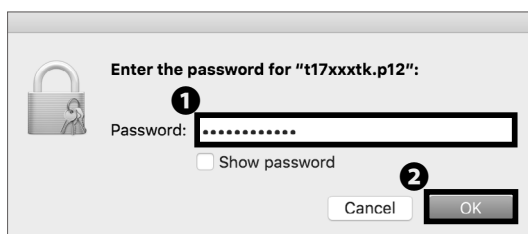
06

Your download will begin automatically. Once completed, open the file you just downloaded. If download does not begin, click ① "Download" to save the file and open the certificate.



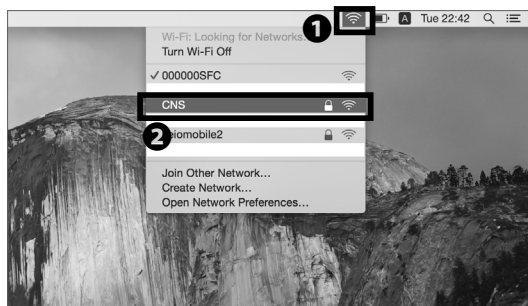
07

Once the window "Add Certificates" appears, click ① "Add."



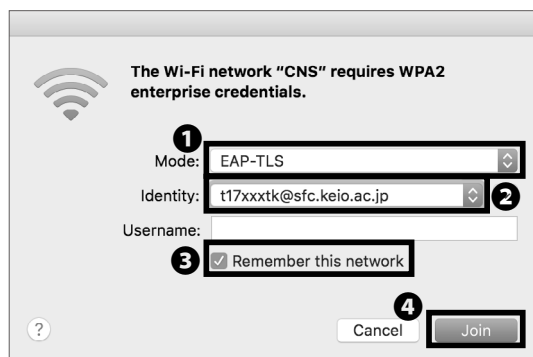
08

Type your personal certificate passphrase in ① "Password" from STEP 05 and click ② "OK."



09

Click ① Wi-Fi icon to get the list of available wireless networks. Then, select ② "CNS" from the list.



10

From ① "Mode", select "EAP-TLS." From ② "Identity", select "[your CNS login name]@sfc.keio.ac.jp." Make sure to check ③ "Remember this network" and leave the "Username" column blank. Then, click ④ "Join."



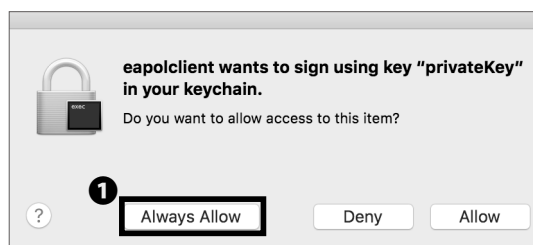
11

The dialogue box shown on the left side will appear. Click ① "Continue."



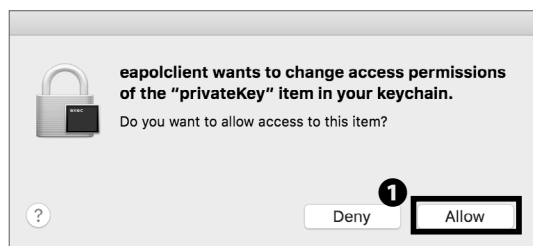
12

When the window prompts you to put in your password, type your mac OS account password in ① "Password." Then, click ② "Update Settings."



13

The dialogue box shown on the left side will appear. Click ① "Always Allow."



14

Again, click ① "Allow" on the dialogue box. From now on, if you are on campus, your computer will be connected to CNS automatically.

Connecting Your Mac (mac OS) to CNS is completed.

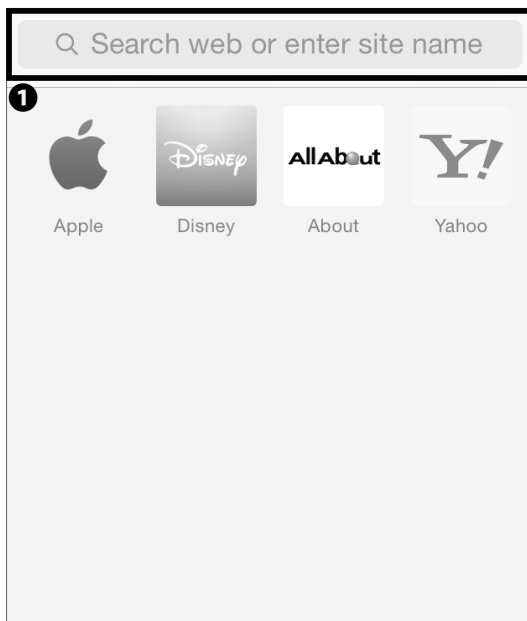
4

Connecting Your iOS Device to CNS



01

On your home screen, tap ❶ "Safari."



02

Type the URL in ❶ and go to the registration page:

⇒ <https://itcsecure.sfc.keio.ac.jp/wlan/?lang=en>

Start Up 1

Wireless LAN 2

CNS Mail 3

CNS Printers 4

CNS Personal certificate / Device registration for CNS Wireless LAN

se try with Safari.

can not download the certificate in Google Chrome.

less LAN configuration for iPhone:

Issue of the private certificate

Download of configuration profile for iPhone

CNS login name	<input type="text" value="t17oodtk"/> ❶
CNS login password	<input type="password" value="....."/> ❷
<div>❸ <input type="button" value="start registration"/></div>	

03

Type your CNS login name in ❶ "CNS login name" and your CNS login password in ❷ "CNS login password." Then, tap ❸ "start registration."

■ Issue of the personal certificate

❶ ❷

04

If this is your first time creating a personal certificate, select "Issue" in ❶ and tap ❷ "go."

If you have already issued your personal certificate and the certificate is still valid, select "Download" in ❶, tap ❷ "Submit," and skip to STEP 06. If your certificate has expired, select "Reissue" in ❶ and tap ❷ "go." If you select "Reissue," your previous certificate will be invalidated.

CNS Personal certificate /
Device registration
for CNS Wireless LAN

■ This process will issue the personal certificate.
Please enter the passphrase for the encryption of the personal certificate.
You need your passphrase to install the personal certificate.

Please enter the passphrase: ❶ (8 characters)

Please enter the passphrase again (confirmation): ❷




❸

[Cancel the registration university SFC-ITC](#)
[SFC-ITC web site](#)
[SFC official web site](#)
[Keio](#)

05

Make a new passphrase for your personal certificate. This password is necessary to protect your personal certificate from unauthorized use. It must contain at least 8 characters. Enter your passphrase to ❶ • ❷, and tap ❸ "Issue the personal certificate." This passphrase will be used in STEP 11.

■ Download of the SFC-CNS setting profile for iPhone

Profile(A) - Wireless LAN connection only	1 
Profile(B) - Wireless LAN connection + VPN setting + mail(IMAP) setting	
Profile(C) - Wireless LAN connection + VPN setting	

06

Tap **1** "Download" in Profile(A).

If you select Profile (B), you can set up both wireless LAN connection and CNS mail setting. Tap "Download" in Profile (B) and follow STEP 07 to STEP 15 at 【p.52 : Configuring CNS Mail on Your iOS Device.】 Then, follow STEP 14 and STEP 15 on this section to set up your wireless LAN connection.



07

Tap **1** "Install."



08

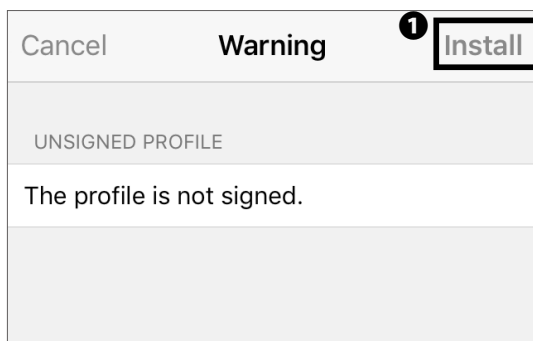
Type in your iOS passcode.

Start Up 1

Wireless LAN 2

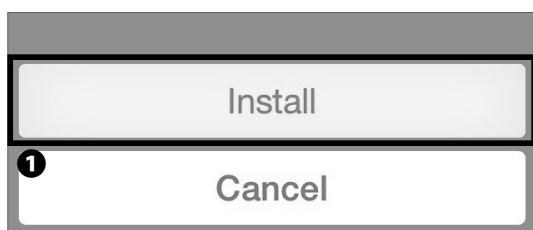
CNS Mail 3

CNS Printers 4



09

Tap ① "Install."



10

Tap ① "Install."



11

Type your personal certificate password from STEP 05 in

① and tap ② "Next."



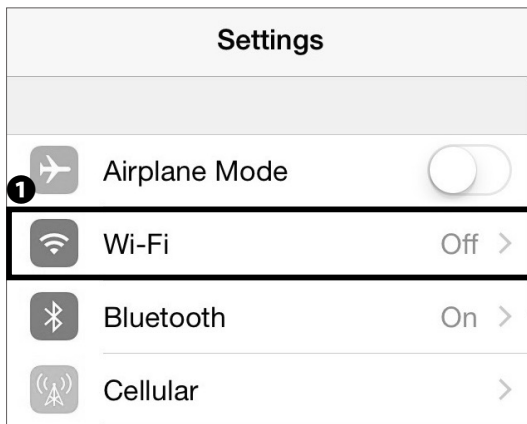
12

Tap ① "Done."



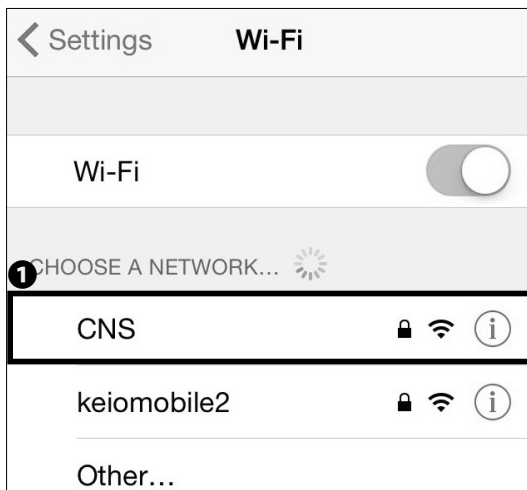
13

Go back to your home screen and tap ❶ "Settings."



14

Tap ❶ "Wi-Fi."



15

Tap ❶ "CNS." From now on, if you are on campus, your device will connect to CNS automatically.

Connecting Your iOS Device to CNS is completed.

Start Up 1

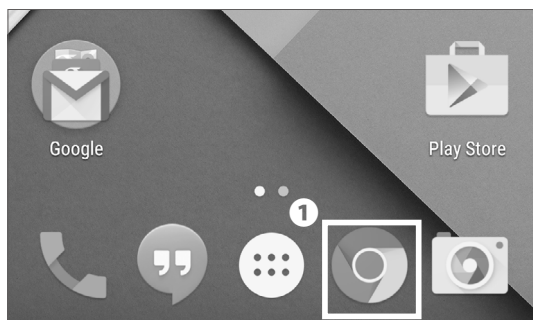
Wireless LAN 2

CNS Mail 3

CNS Printers 4

5

Connecting Your Android Device to CNS



01

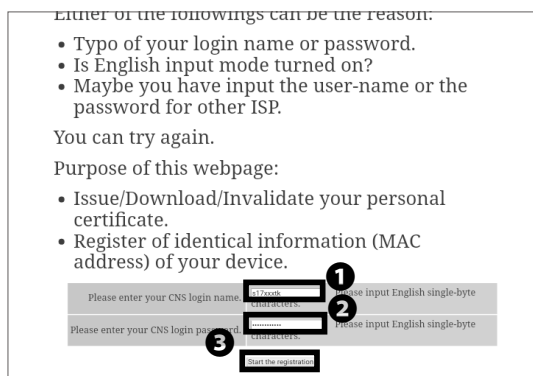
On your home screen, tap the ❶ Chrome icon.



02

Type the URL in ❶ and go to the registration page:

⇒ <https://itcsecure.sfc.keio.ac.jp/wlan/?lang=en>



03

Type your CNS login name in ❶ "CNS login name" and your CNS login password in ❷ "CNS login password."

Then, tap ❸ "Start the registration."

**CNS Personal certificate /
Device registration
for CNS Wireless LAN**

logout

■ **Issue of the personal certificate**

① **Issue** **Submit** ②

Issue Issue the personal certificate

■ **Register/Delete the device information**

Registration of the device

SFC-ITC | SFC official web site | Keio university SFC-ITC

04

If this is your first time creating a personal certificate, select "Issue" in ① and tap ② "Submit."

If you have already issued your personal certificate and the certificate is still valid, select "Download" in ①, tap ② "Submit," and skip to STEP 06. If your certificate has expired, select "Reissue" in ① and tap ② "Submit." If you select "Reissue," your previous issued certificate will be invalidated.

**CNS Personal certificate /
Device registration
for CNS Wireless LAN**

logout

■ **This process will issue the personal certificate.**

Please enter the passphrase for the encryption of the personal certificate. You need your passphrase to install the personal certificate.

Please enter the passphrase ① (more than 8 characters)

Please enter the passphrase again (confirmation) ②

③ **Issue the personal certificate**

05

Make a new passphrase for your personal certificate. This password is necessary to protect your personal certificate from unauthorized use and must contain at least 8 characters. Enter your passphrase to ① • ②, and tap ③ "Issue the personal certificate." This passphrase will be used in STEP 09.

■ **Download of the personal certificate**

Download will start automatically.
Please click here if download will not start.

Download ①

Information of the personal certificate

Login name	s17xxxtk
Issued date	2017/06/26 15:17:25
Expiration date	2018/07/27 15:17:25

■ **Download other items**

06

Your download will begin automatically. If it does not, tap ① "Download."

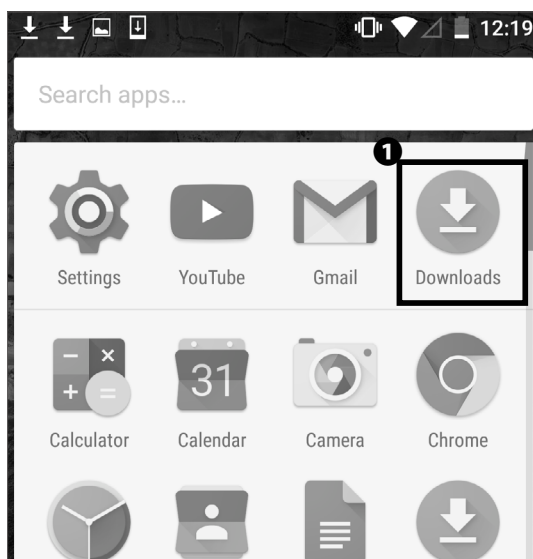
There are some models that cannot download personal certificates properly. If that is the case for your device, please refer to 【p.39 : Connecting Your Device to CNS by EAP-PEAP Authentication.】

Start Up 1

Wireless LAN 2

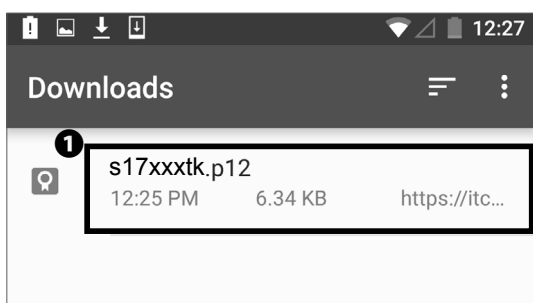
CNS Mail 3

CNS Printers 4



07

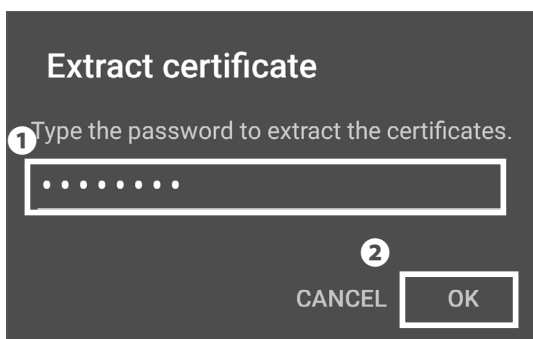
Go to the list of Apps and tap ❶ "Downloads."



08

Tap ❶ to open the file "[your CNS login name].p12."

There are some Android models that cannot open the certificate file properly. If that is the case for your device, please refer to 【p.39 : Connecting Your Device to CNS by EAP-PEAP Authentication.】



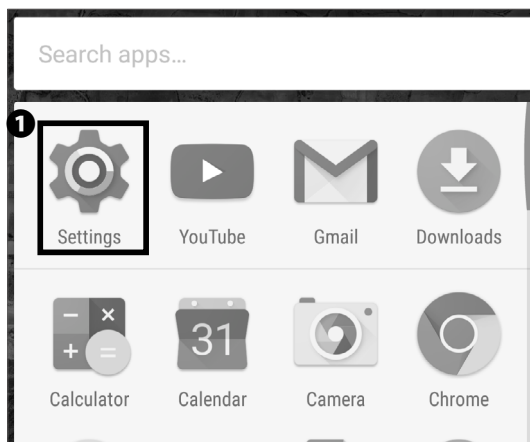
09

Type your personal certificate passphrase from STEP 05 in ❶ and tap ❷ "OK."



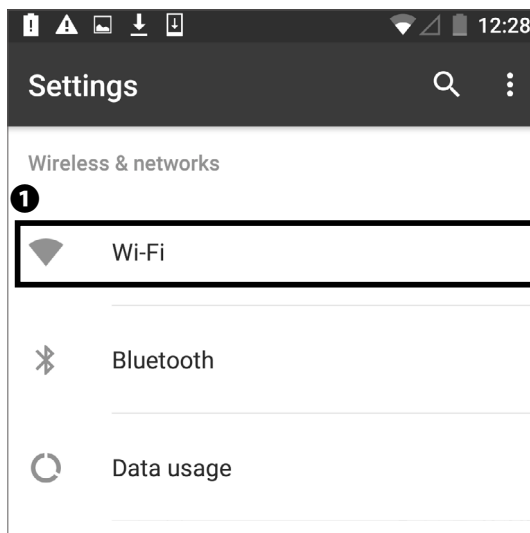
10

Type "CNS" in 1 "Certificate name" and select "Wi-Fi" in 2 "Credential use." Then, tap 3 "OK."



11

Go back to the list of Apps and tap 1 "Settings."



12

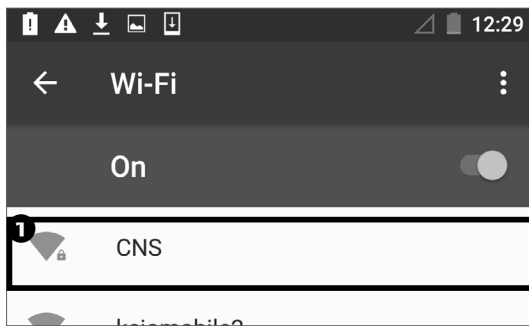
Tap 1 "Wi-Fi."

Start Up 1

Wireless LAN 2

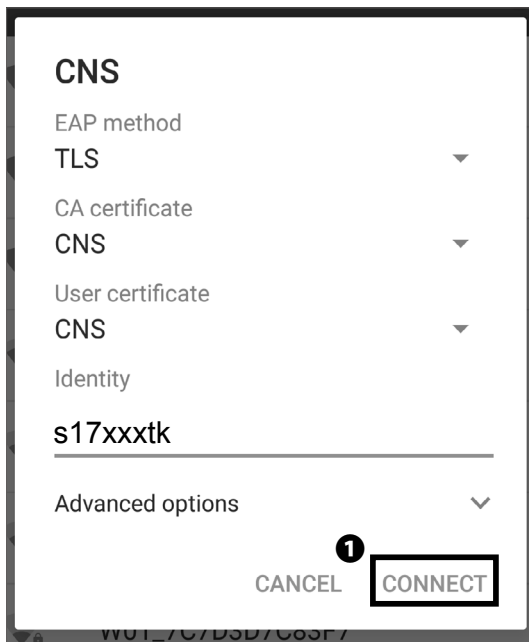
CNS Mail 3

CNS Printers 4



13

Tap ❶ "CNS."

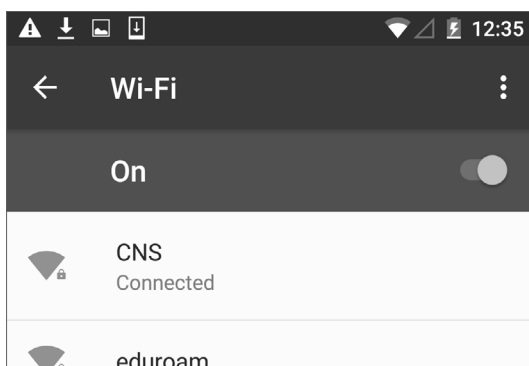


14

Change the settings to the following values:

EAP method	TLS
CA certificate	CNS
User certificate	CNS
Identity	your CNS login name

Once entered correctly, tap ❶ "Connect."



15

If "Connected" is shown below "CNS," your device is successfully configured.

Connecting Your Android Device to CNS is completed.

6

Connecting Your Device to CNS by EAP-PEAP Authentication

What is EAP-PEAP Authentication?

EAP-PEAP authentication is one of the EAP authentication protocols, which certifies using PEAP (Protected EAP). Like EAP-TLS authentication, which authenticates the client with the client side certificate, EAP-PEAP authentication will send credentials (e.g. ID and password) by encrypted communication path with TLS. A certificate is needed on both the client side and the authentication server when you are using EAP-TLS authentication.

However, EAP-PEAP authentication will certify the connection between the server and the client mutually;

the authentication server uses server side certificates to authenticate the server, and the client side will store the credentials. Compared to EAP-TLS authentication, EAP-PEAP authentication is less secure; however, since the client does not need a certificate, devices that do not support EAP-TLS authentication method can easily send the encrypted communications. When you are going to connect to CNS Wi-Fi from devices that are not compatible with EAP-TLS authentication, please use EAP-PEAP authentication.

Connecting to CNS by EAP-PEAP Authentication

01

Open a web browser and go to the URL:

⇒ <https://itcsecure.sfc.keio.ac.jp/form/wifi/>

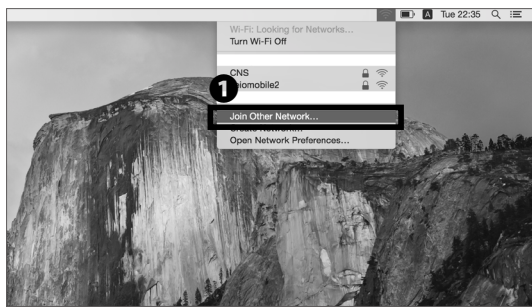
Type your CNS login name in ❶ and your CNS login password in ❷. Then, click ❸ "Login."

02

Once logged in, click ❶ "パスワード (Password)."

03

Click ① "Create." This password will be used in STEP 05.



04

In this section, we will explain how to connect using mac OS. If you are using any other devices, go to the following URL to get more details:

⇒ https://secure.itc.keio.ac.jp/c/a/sfc/en/network_information_wireless_peap.html

Click ① Wi-Fi icon at the top of the screen and click ② "Join Other Network..."

05

Network name	CNS3
Security	WPA/WPA2 Enterprise
Mode	Automatic
Username	your CNS login name
Password	SFC-CNS WiFi Password

Once all settings are entered and selected correctly, check ① "Remember this network" and click ② "Join."

3

CNS Mail

Explaining How To Use CNS Mail Account From Each Device.

Using Your CNS Mail Account	42
Checking Your CNS Mailbox from On-Campus Computers	43
Using Your CNS Mail from On-Campus Mac	43
Using Your CNS Mail from On-Campus PC	43
Configuring CNS Mail on Your PC (Windows 10)	44
Configuring CNS Mail on Your Mac (mac OS)	48
Configuring CNS Mail on Your iOS Device	52
Configuring CNS Mail on Your Android Device	57
Various Settings in CNS Mail	62
Setting Up Mail Forwarding	62
Configuring Spam Filter	63

1

Using Your CNS Mail Account

Technical Specification of CNS Mail Servers

IMAP4

Receiving Server	Port	Authentication Methods	Password
imap.sfc.keio.ac.jp	993 (IMAP over SSL)	CRAM-MD5 Authentication or LOGIN Authentication	IMAP/SMTP-AUTH Password

SMTP

Sending Server	Port	Authentication Methods	Password
smtp.sfc.keio.ac.jp	465 (SMTP over SSL)	SMTP Authentication	IMAP/SMTP-AUTH Password
	587 (SubmissionPort)		

01 What is IMAP?

IMAP stands for Internet Message Access Protocol. Today, the IMAP protocol is the most commonly used protocol for accessing and retrieving emails from mail servers. Emails sent to your CNS account are accessible from CNS mail servers using IMAP. You can view, organize, send, and receive emails from almost anywhere. With IMAP, the mail server manages all information, so any changes you make will be synchronized to all your devices. However, you must be connected to the internet in order to send and receive emails. Depending on your email client, previously read messages may be stored in a cache and available even when you are not connected to the internet.

02 Warning

If the amount of data in your CNS home directory exceeds 80GB, you will be unable to use your CNS email account. Please refrain from sending emails with large attachments. Such emails can create unnecessary burdens for both the CNS mail server and the receiving

mail server. If you need to send large files, you should use a file-sharing service such as SFC-CNS Online Storage.

03 Use Other E-Mail Clients

If you use your CNS mail account from anywhere other than the on-campus computers, please set up your mail client using the technical specifications of the CNS mail servers listed above. If you need more details, please visit the following URL.

⇒ http://www.sfc.itc.keio.ac.jp/en/computer_email_cns_usage_config.html

04 Use SFC-CNS Web Mail

By using the SFC-CNS Web Mail system, you can access your CNS email account in a web browser without using an email client. Please visit the following URL and login with your CNS login name and IMAP/SMTP-AUTH password.

⇒ <https://webmail.sfc.keio.ac.jp/>

2

Checking Your CNS Mailbox from On-Campus Computers

Using Your CNS Mail from an On-Campus Mac



01

The mail client for on-campus Macs is Thunderbird. Login to an on-campus computer with your CNS account, click ❶ "Thunderbird" in your dock to open the software.

Using Your CNS Mail from On-Campus Windows



01

The mail client for on-campus Windows PCs is Thunderbird. Login to an on-campus computer with your CNS account, click ❶ "Thunderbird" on the desktop to open the software.

Start Up 1

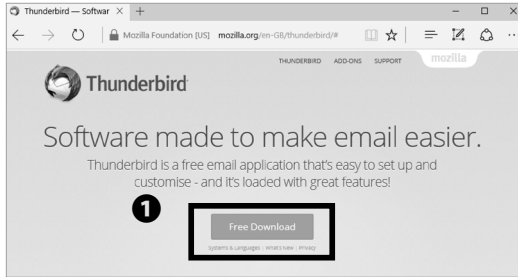
Wireless LAN 2

CNS Mail 3

CNS Printers 4

3

Configuring CNS Mail on Your PC (Windows 10)

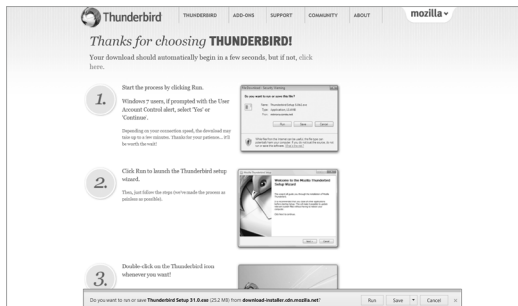


01

Open a web browser and go to the following URL:

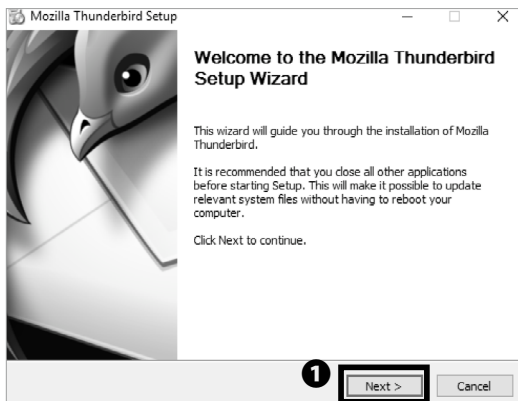
⇒ <https://www.mozilla.org/en-US/thunderbird/>

Click ❶ "Free Download."



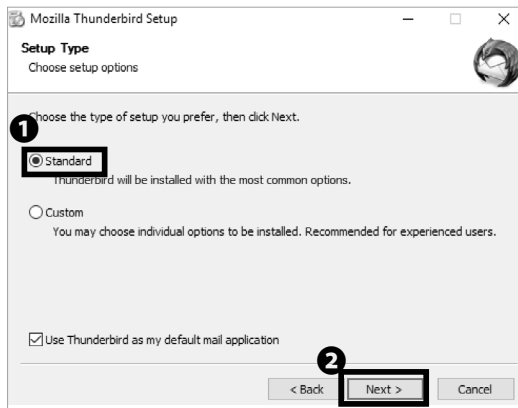
02

Your download will begin automatically. Next, open the file you just downloaded.



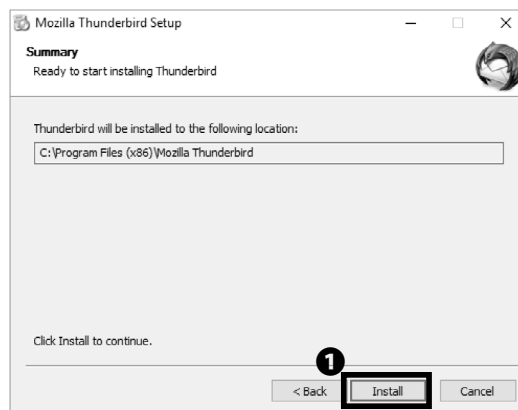
03

Click ❶ "Next >."



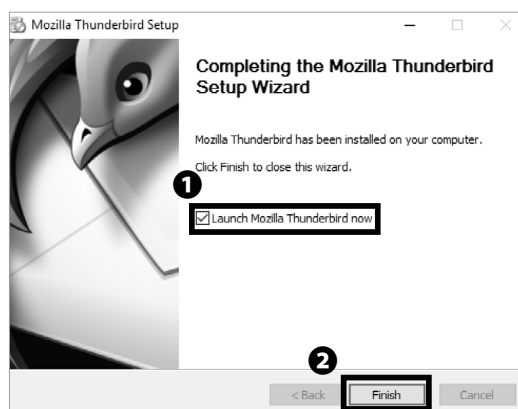
04

Confirm **1** "Standard" is checked and click **2** "Next >."



05

Click **1** "Install."



06

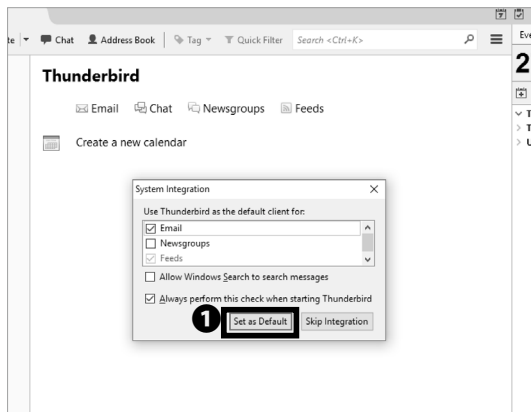
Installation of Thunderbird is now finished. You can now continue to setup your CNS mail account. Check **1** "Launch Mozilla Thunderbird now" and click **2** "Finish."

Start Up 1

Wireless LAN 2

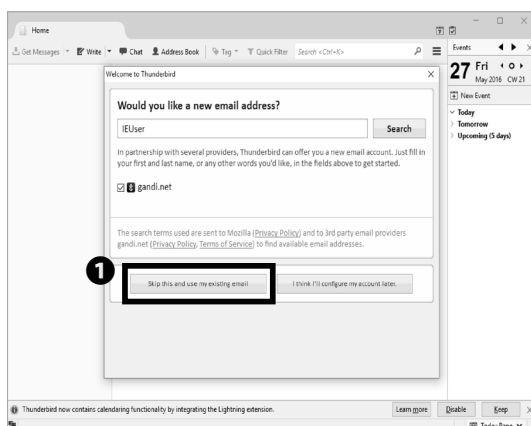
CNS Mail 3

CNS Printers 4



07

Click ① "Set as Default."



08

When Thunderbird is launched for the first time, a wizard shown on the left side will appear. Click ① "Skip this and use my existing email", then configure your CNS mail account.



09

Type your full name in ① "Your name" and "[your CNS login name]@sfc.keio.ac.jp" in ② "Email address." Type your IMAP/SMTP-AUTH password in ③ "Password." Check your information and click ④ "Continue."

You can make/change your CNS IMAP password at the following URL:

⇒ <https://itcsecure.sfc.keio.ac.jp/form/password/>

10

Thunderbird will attempt to complete setup automatically using the Mozilla database. Wait until the server location is confirmed, then click ❶ "Manual config."

11

Type and select mail server information shown below in the window.

❶ Incoming Server (IMAP)

Server hostname	imap.sfc.keio.ac.jp
Port	993
Protocol	SSL/TLS
Authentication	Encrypted password

❷ Outgoing Server (SMTP)

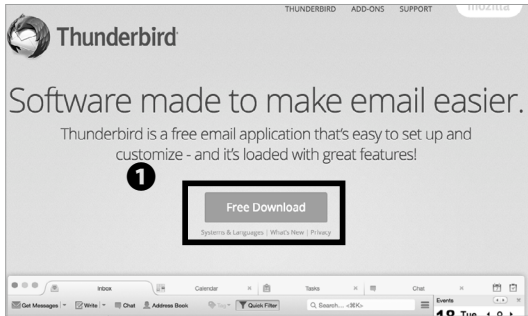
Server hostname	smtp.sfc.keio.ac.jp
Port	465
Protocol	SSL/TLS
Authentication	Encrypted password

Once the settings are entered correctly, click ❸ "Re-test." When Thunderbird confirms the mail server information, click ❹ "Done."

Configuring Your CNS Mail on Your PC (Windows 10) is complete.

4

Configuring CNS Mail On Your Mac (mac OS)

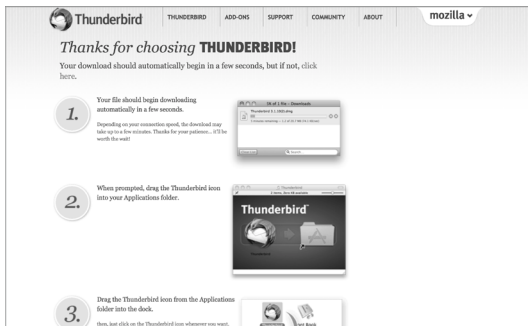


01

Open a web browser and go to the URL:

⇒ <https://www.mozilla.org/en-US/thunderbird/>

Click ① "Free Download."



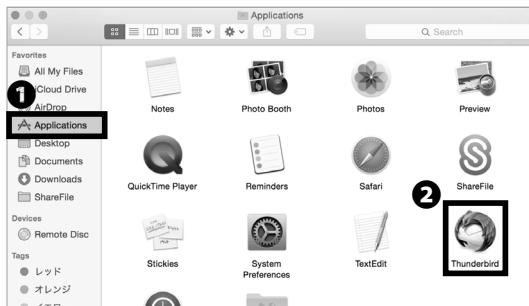
02

Your download will automatically begin. Next, open the file you just downloaded.



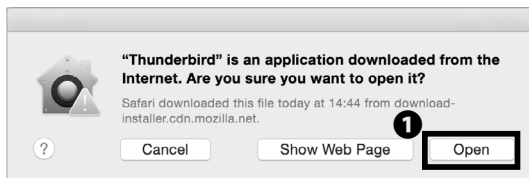
03

Drag and drop the ① "Thunderbird" icon to ② the Application folder.



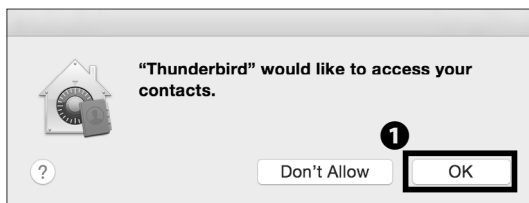
04

Open Finder and click **1** "Applications" then double click **2** "Thunderbird."



05

A dialog box similar to the one shown on the left will appear. Next, click **1** "Open."



06

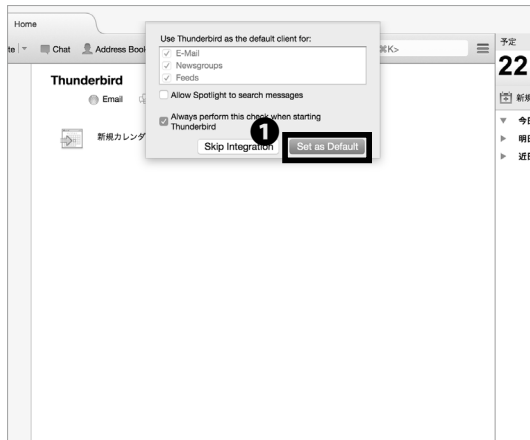
Click **1** "OK."

Start Up 1

Wireless LAN 2

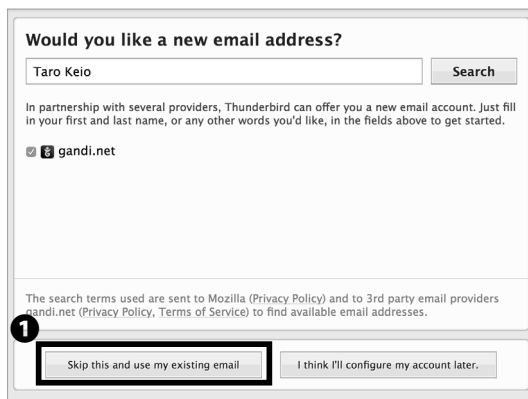
CNS Mail 3

CNS Printers 4



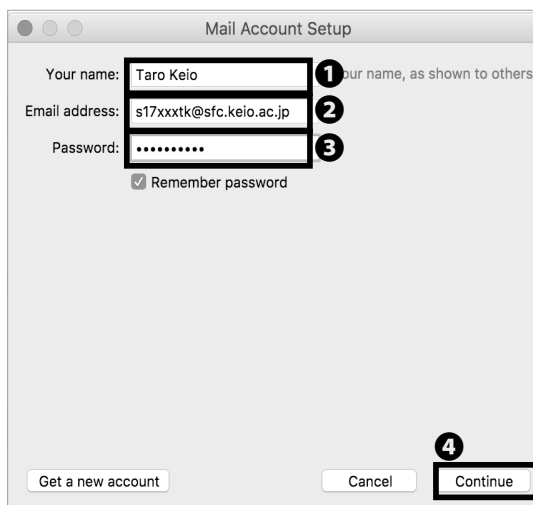
07

Click ❶ "Set as Default."



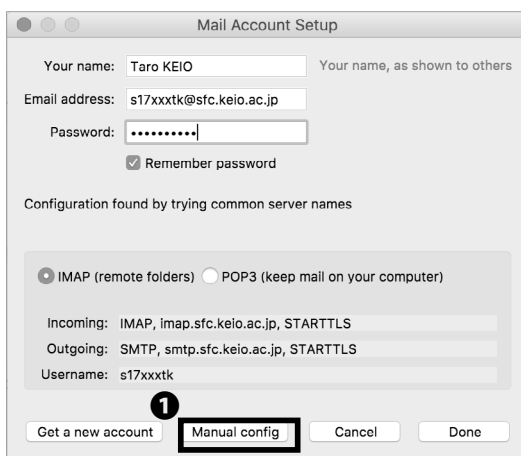
08

When Thunderbird is launched for the first time, a wizard will appear. Click ❶ "Skip this and use my existing email", then move to next step to configure your CNS mail account.



09

Type your full name in ❶ "Your name" and "[your CNS login name]@sfc.keio.ac.jp" in ❷ "Email address." Type your IMAP/SMTP-AUTH password in ❸ "Password." Check your information and click ❹ "Continue."



10

Thunderbird will attempt to configure itself automatically using the Mozilla database. Wait a moment until the server location is confirmed. Next, click ❶ "Manual config."



11

Type and select mail server information shown below in the window.

❶ Incoming Server (IMAP)

Server hostname	imap.sfc.keio.ac.jp
Port	993
Protocol	SSL/TLS
Authentication	Encrypted password

❷ Outgoing Server (SMTP)

Server hostname	smtp.sfc.keio.ac.jp
Port	465
Protocol	SSL/TLS
Authentication	Encrypted password

Once the settings are entered correctly, click ❸ "Re-test." When Thunderbird confirms the mail server information, click ❹ "Done."

Configuring Your CNS Mail on Your Mac (mac OS) is completed.

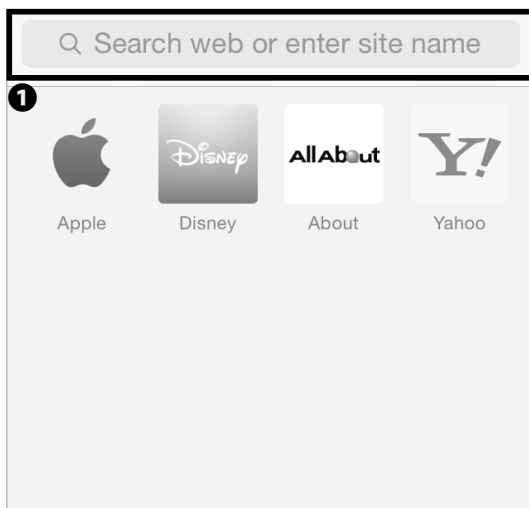
5

Configuring CNS Mail on Your iOS Device



01

On your home screen, tap ❶ "Safari."



02

Type the URL in ❶ and go to the registration page:

⇒ <https://itcsecure.sfc.keio.ac.jp/wlan/?lang=en>

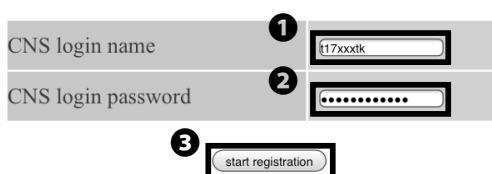
CNS Personal certificate / Device registration for CNS Wireless LAN

Please try with Safari.

You can not download the certificate in Google Chrome

Wireless LAN configuration for iPhone:

- Issue of the private certificate
- Download of configuration profile for iPhone



03

Type your CNS login name in **1** "CNS login name" and your CNS login password in **2** "CNS login password." Then, tap **3** "start registration."

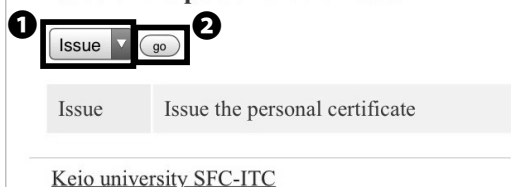
Start Up 1

Wireless LAN 2

CNS Mail 3

logout

Issue of the personal certificate



04

If this is your first time creating a personal certificate, select "Issue" in **1** and tap **2** "go".

If you have already issued your personal certificate and the certificate is still valid, select "Download" in **1**, tap **2** "Submit", and skip to STEP 06. If your certificate has expired, select "Reissue" in **1** and tap **2** "go." If you select "Reissue," your previous certificate will be invalidated.

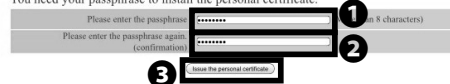
CNS Printers 4

CNS Personal certificate / Device registration for CNS Wireless LAN

logout

■ This process will issue the personal certificate.

Please enter the passphrase for the encryption of the personal certificate.
You need your passphrase to install the personal certificate.



[Cancel the registration university SFC-ITC](#) | [SFC-ITC web site](#) | [SFC official web site](#) | [Keio](#)

05

Make a new passphrase for your personal certificate. This password is necessary to protect your personal certificate from unauthorized use. It must contain at least 8 characters. Enter your passphrase to **1** • **2**, and tap **3** "Issue the personal certificate." This passphrase

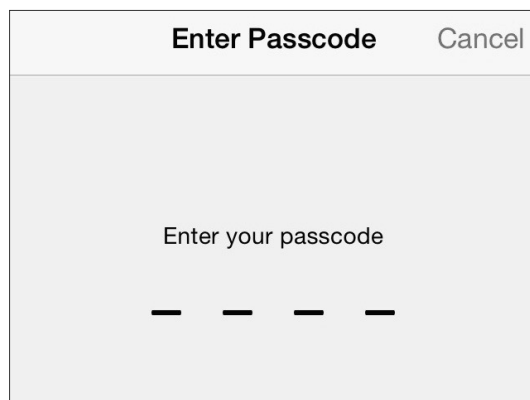
Download of the SFC-CNS setting profile for iPhone

Profile(A) - Wireless LAN connection only	Download
Profile(B) - Wireless LAN connection + VPN setting + mail(IMAP) setting	1 Download
Profile(C) - Wireless LAN connection + VPN setting	Download

06

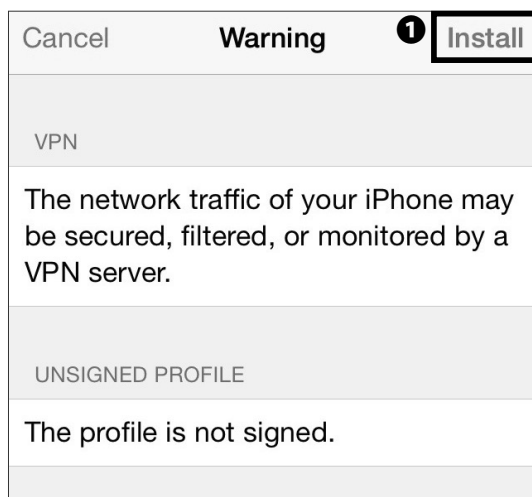
Tap **1** "Download" in Profile (B).

07

Tap **1** "Install."

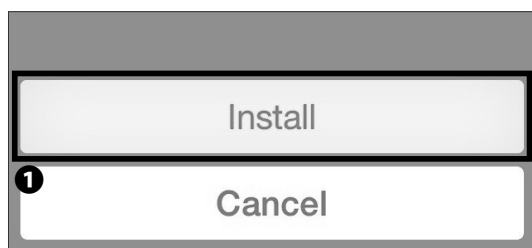
08

Type your iOS passcode.



09

Tap ❶ "Install."



10

Tap ❶ "Install."



11

Type your personal certificate password from STEP 05 in ❶ and tap ❷ "Next."



12

Type your CNS login password in ❶ and tap ❷ "Next."

Start Up 1

Wireless LAN 2

CNS Mail 3

CNS Printers 4



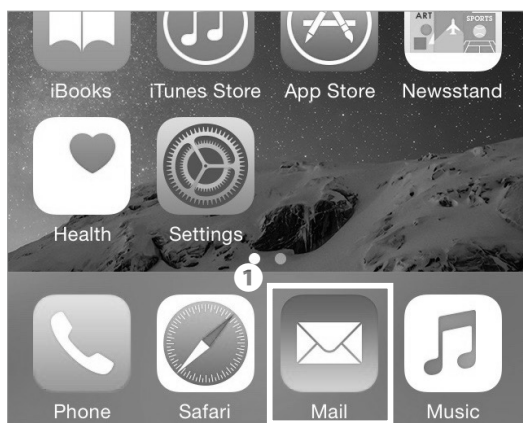
13

Type your IMAP/SMTP-AUTH password in ❶ and tap ❷ "Next."



14

Tap ❶ "Done."



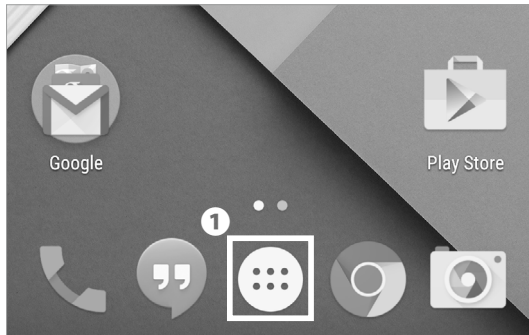
15

On your home screen, tap ❶ "Mail" and make sure a new mailbox is added to your iOS device.

Configuring Your CNS Mail on Your iOS Device is completed.

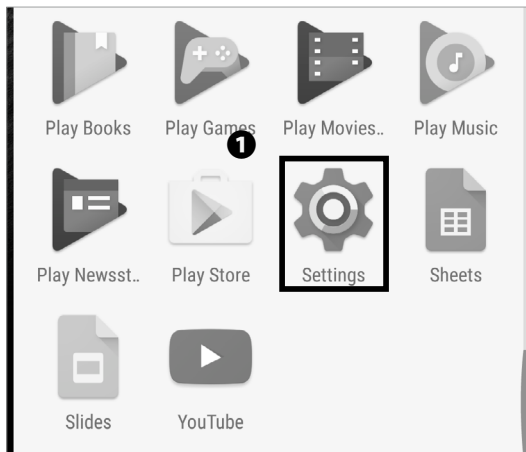
6

Configuring Your CNS Mail on Your Android Device



01

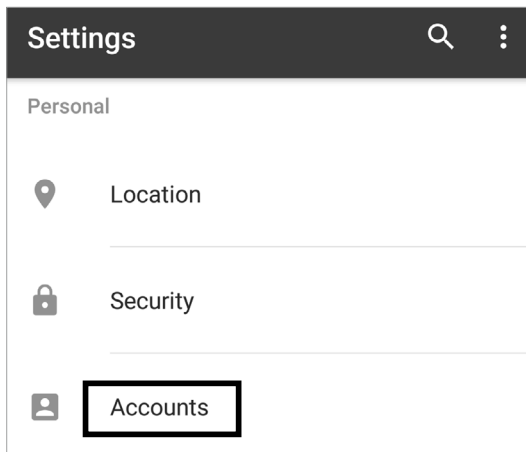
On your home screen, tap ❶ icon to open the list of apps.



02

Tap ❶ "Settings".

Select the mail application built in the model. Settings for the following steps may be different between models, but the settings for the incoming mail server and the outgoing mail server are the same for all models.



03

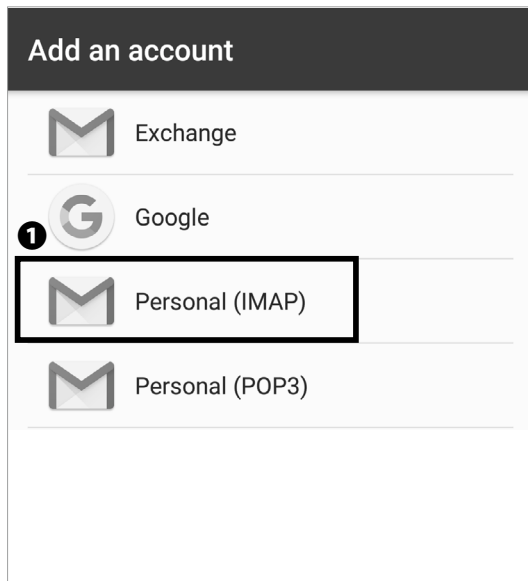
Tap ❶ "Accounts."

Start Up 1

Wireless LAN 2

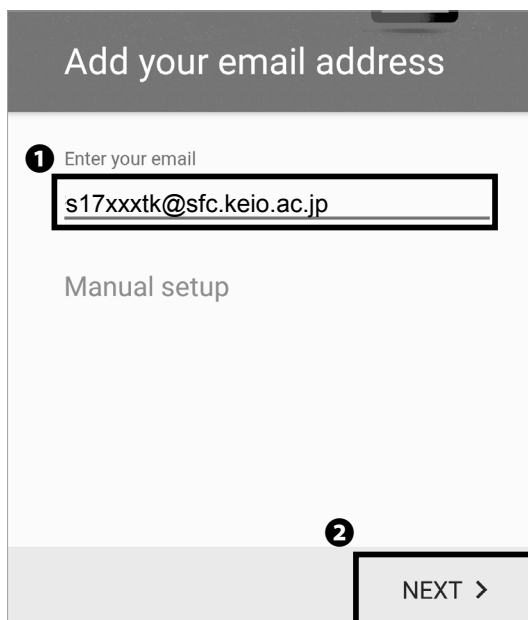
CNS Mail 3

CNS Printers 4



04

Tap ❶ "Personal (IMAP)."



05

Type "[your CNS login name]@sfc.keio.ac.jp" in ❶ .
Then, tap ❷ "NEXT >."

s17xxtk@sfc.keio.ac.jp

1 Password

.....

☐ Show password

2

< NEXT >

06

Type your IMAP/SMTP-AUTH password in **1** and tap **2** "NEXT >."

Incoming server settings

USERNAME

s17xxtk

AUTHENTICATION

Password X

☐ Show password

SERVER

imap.sfc.keio.ac.jp

PORT

993

SECURITY TYPE

SSL/TLS

1

< NEXT >

07

Enter the following settings:

Username	your CNS login name
Password	your IMAP/SMTP-AUTH password
Server	imap.sfc.keio.ac.jp
Port	993
Security type	SSL/TLS

Once typed correctly, tap **1** "NEXT >."

Start Up 1

Wireless LAN 2

CNS Mail 3

CNS Printers 4

Outgoing server settings

SMTP SERVER
smtp.sfc.keio.ac.jp

PORT
465

SECURITY TYPE
SSL/TLS

1 ☒ Require signin

USERNAME
s17xxtk

AUTHENTICATION
Password **2** X

< NEXT >

08

Also, type the information below if necessary.

SMTP server	smtp.sfc.keio.ac.jp
Port	465
Security type	SSL/TLS
Username	your CNS login name
Password	your IMAP/SMTP-AUTH password

Check **1** "Require signin." Once entered correctly, tap **2** "NEXT >."

Account options

Sync frequency:
Every 15 minutes ▼

☒ Notify me when email arrives

☒ Sync email from this account

☒ Automatically download attachments when connected to Wi-Fi

< NEXT >

09

You can modify your account options if you desire. Once you are done with the option settings, tap **1** "NEXT >."

Start Up 1

Wireless LAN 2

CNS Mail 3

CNS Printers 4

Your account is set up and email is on its way!

1 Give this account a name (optional)
CNS

2 Your name (displayed on outgoing messages)
Taro Keio

3 NEXT >

10

Type "CNS" (or any name so that you can distinguish between other mail accounts) in **1** "Give this account a name (optional)" and your full name in **2** "Your name (displayed on outgoing messages)." Then, tap **3** "NEXT >" to finish.

Configuring Your CNS Mail on Your Android Device is completed.

7

Various Settings in CNS Mail

Open a web browser and go to the following URL:

⇒ <https://itcsecure.sfc.keio.ac.jp/form/mailsetup/>

Type your CNS login name in ❶ and your CNS login password in ❷. Then, click ❸ "Login."

In SFC-CNS mailsetup, you can perform the following actions:

- Changing your IMAP/SMTP-AUTH password
- Setting up mail forwarding
- Configuring spam filtering

Setting Up Mail Forwarding

01

From the "mailsetup" menu, click ❶ "Mail forwarding."

02

Type your desired destination email address in ❶ "Add Mail forwarding address" and click ❷ "Add."

Depending on the mail forwarding setting, emails may not be sent properly. If so, check your email settings such as spam filters, to make sure that you can receive emails properly.

SFC-CNS mailsetup

IMAP/SMTP-AUTH パスワード
IMAP/SMTP-AUTH password

メール転送
Mail forwarding

スパムポリシー
Spam policy

Mail forwarding

(t.keio@keio.jp を転送先に追加しました。)
(t.keio@keio.jp has been successfully added.)

現在のメール転送設定 (Current forwarding addresses)

1 転送先アドレス
(destination email address)
t.keio@keio.jp

SFC-CNS に届く全てのメールは SFC-CNS のメールボックスと転送先に配送されます。
All e-mails will be sent to SFC-CNS mailbox and forwarding address.

2 Delete

メール転送先の追加 (Add Mail forwarding address)

Add

Shonan Fujisawa ITC, Keio University

03

Confirm that the email address you just added is listed under "Current forwarding addresses."

If you want to delete mail forwarding, check the email address that you want to delete in ① "forwarding mail address" and click ② "Delete."

If your destination email address changes, delete your previous mail forwarding and add your new email address according to STEP01 ~ 02.

Start Up 1

Wireless LAN 2

Configuring Spam Filter

SFC-CNS mailsetup

IMAP/SMTP-AUTH パスワード
IMAP/SMTP-AUTH password

メール転送
Mail forwarding

スパムポリシー
Spam policy

About this page

このページではメールに関する以下の設定が可能です
• IMAP/SMTP-AUTH パスワードの作成/変更
• メール転送設定
• スパムポリシー設定

1 ① can set email services in SFC-CNS on this page.
② create or change IMAP/SMTP-AUTH password
③ Mail forwarding
④ Spam policy

01

From the "mailsetup" menu, click ① "Spam policy."

SFC-CNS mailsetup

IMAP/SMTP-AUTH パスワード
IMAP/SMTP-AUTH password

メール転送
Mail forwarding

スパムポリシー
Spam policy

Spam policy

スパムポリシー設定
(Spam policy configuration)

ポリシー名 (Policy name)	説明 (Description)
① 隔離 (Quarantine)	スパムメールは隔離用サーバに隔離されます Spam mail will be quarantined.
② タグ (Tag)	スパムメールはサブジェクト及び、ヘッダにタグ付けされます Spam mails will be tagged in Subject and mail header.
③ 設定しない (No filtering)	スパムはタグ無しでそのまま配送されます Spam mails will be delivered without tagging.

スパム判定基準 (Spam threshold)

Normal Strong

① Change

02

Select which policy you wish to apply and click ① "Change" In spam policy configuration, there are three options: "Quarantine," "Tag," and "No filtering." In "Quarantine" mode, emails that are judged as spam will be isolated on the mailserver you are using. In "Tag" mode, such emails will be tagged as spam in the subject line and header. The default setting is "Tag".

SFC-CNS mailsetup

IMAP/SMTP-AUTH パスワード
IMAP/SMTP-AUTH password

メール転送
Mail forwarding

スパムポリシー
Spam policy

Spam policy

スパムポリシー設定
(Spam policy configuration)

ポリシー名 (Policy name)	説明 (Description)
① 隔離 (Quarantine)	スパムメールは隔離用サーバに隔離されます Spam mail will be quarantined.
② タグ (Tag)	スパムメールはサブジェクト及び、ヘッダにタグ付けされます Spam mails will be tagged in Subject and mail header.
③ 設定しない (No filtering)	スパムはタグ無しでそのまま配送されます Spam mails will be delivered without tagging.

スパム判定基準 (Spam threshold)

Normal Strong

① Change

03

Make sure the policy that you selected is highlighted with bold and tagged "[Current]."

By clicking ①, you may change the spam threshold to either "Normal" or "Strong."

CNS Mail 3

CNS Printers 4

4

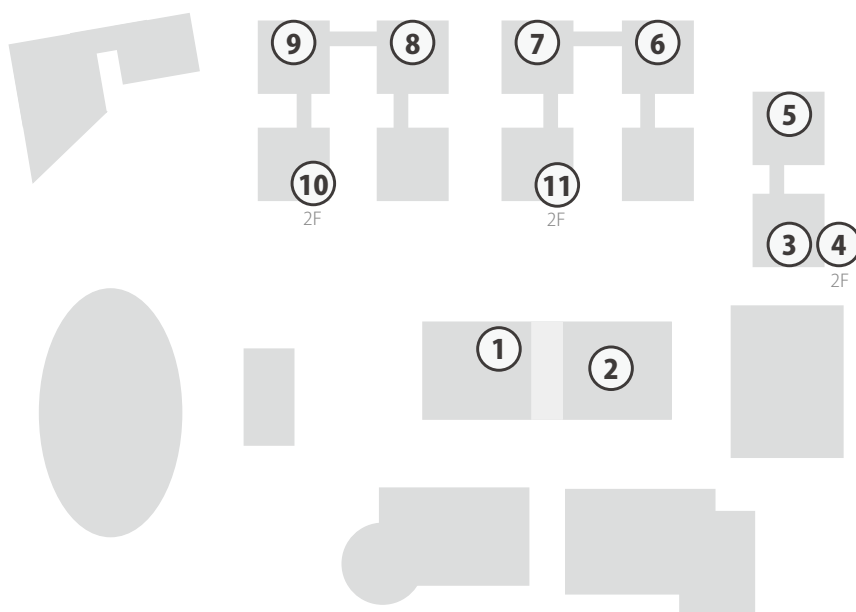
CNS Printers

Explaining how to use CNS Printers on SFC.

Using Printers at SFC	66
Location of the Printers	66
Printing Charge (Points)	67
Operation of CNS Printers	67
Printing from On-Campus Computers	69
Printing from On-Campus Macs	69
Printing from On-Campus Windows	70
Printing from Your PC (Windows 10)	71
Printing from Your Mac (mac OS)	76

1

Using Printers at SFC

Location of the Printers

Map number	Location of the CNS Printers
①	Media Center Open Area
②	Media Center ITC Entrance
③	λ 11 PC Room
④	λ 21 PC Room
⑤	λ 18 PC Room
⑥	ο 17 PC Room
⑦	ι 18 PC Room
⑧	ε 17 PC Room
⑨	κ 18 PC Room
⑩	κ building 2nd Floor
⑪	ι building 2nd Floor
-	Faculty of Nursing and Medical Care Room 205
-	Library of Nursing and Medical Care
-	Faculty of Nursing and Medical Care CO-OP

Printing Charge (Points)

Type	Printing Charges	
	One Sided	Two Sided
Black and White	A4-Sized ¥ 5 / page	A4-Sized ¥ 10 / page
	A3-Sized ¥ 5 / page	A3-Sized ¥ 10 / page
Color	A4-Sized ¥ 15 / page	A4-Sized ¥ 30 / page
	A3-Sized ¥ 15 / page	A3-Sized ¥ 30 / page

Your printing account is refilled with 2,500 yen each year. If you exceed that initial balance, you must insert your PASMO, Suica, or any other public transportation payment cards at a printer to pay for any excess usage.

Be careful when selecting the printer type; for example, when printing a black-and-white document with the color printer setting, you will be charged the price for color printing.

To prevent paper jams and other malfunctions, you are not allowed to use your own paper.

The job will be suspended if the charge exceeds 2500 yen while printing. If this occurs, please resend the job from the beginning.

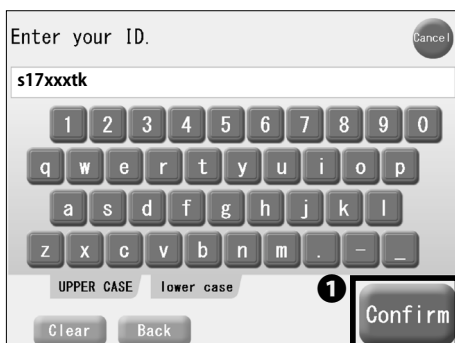
Operation of CNS Printers



01

The following section describes how to use the printer after you send a printing job(s) from a computer.

On the terminal installed next to a printer, tap ❶ "English."



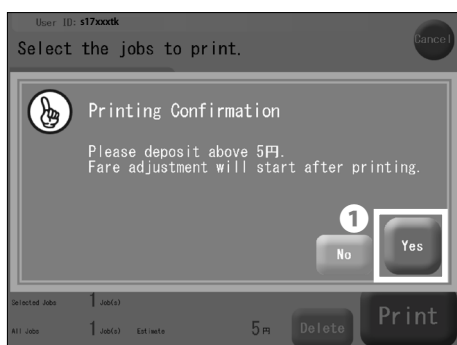
02

Type your CNS login name and tap ❶ "Confirm."



03

Tap the job(s) you want to print and tap ❶ "Print." There will be no charge up to ¥2500 per year.



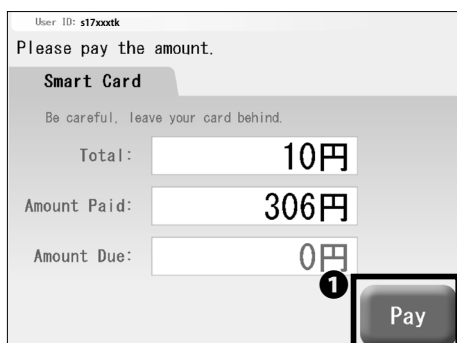
04

If you have exceeded your printing account balance, insert your PASMO or Suica into the card reader next to the printer, and tap ❶ "Yes."



05

The screen on the left will appear while printing.



06

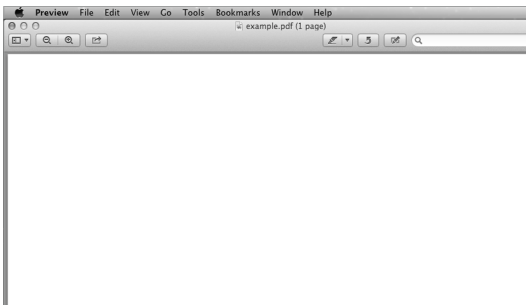
If you are paying with PASMO or Suica, the payment window shown on the left side will appear. Confirm the amount and tap ❶ "Pay."

Please do not forget to take your IC card when finished.

2

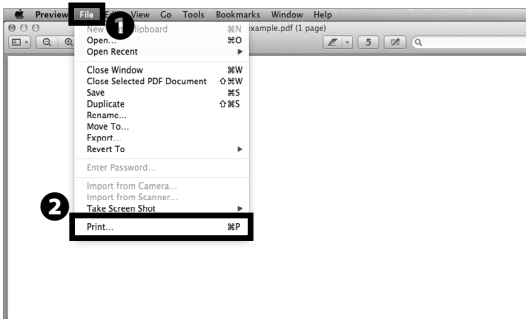
Printing from On-Campus Computers

Printing from On-Campus Macs



01

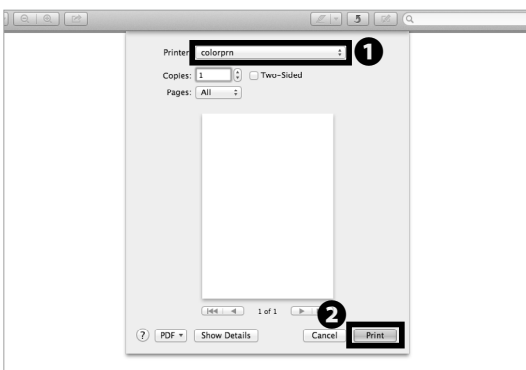
No specific configuration is necessary when you are printing your document(s) from on-campus computers. In this section, the steps to print a PDF file will be explained.



02

Click **2** "Print..." from the **1** "File" menu.

Alternatively, you could also press the Command key and the P key as a shortcut.



03

In section **1**, for black-and-white document(s), select "monoprn." For color document(s), select "colorprn." Then, click **2** "Print."

Your document(s) will be sent to CNS printers as printing job(s). Go to a nearby CNS printer to print your document(s).

Note that the color printing charge will be applied to black-and-white document(s) if "colorprn" is selected.

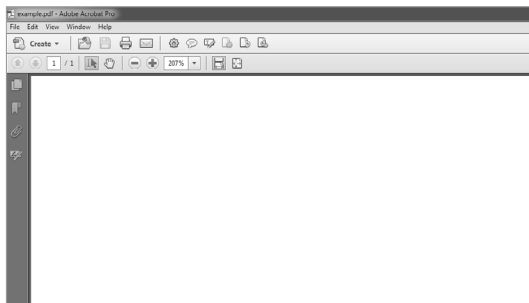
Start Up 1

Wireless LAN 2

CNS Mail 3

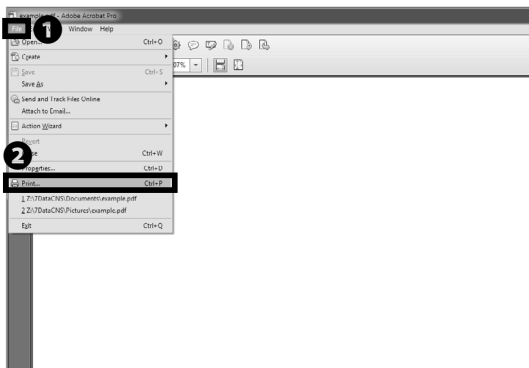
CNS Printers 4

Printing from On-Campus Windows



01

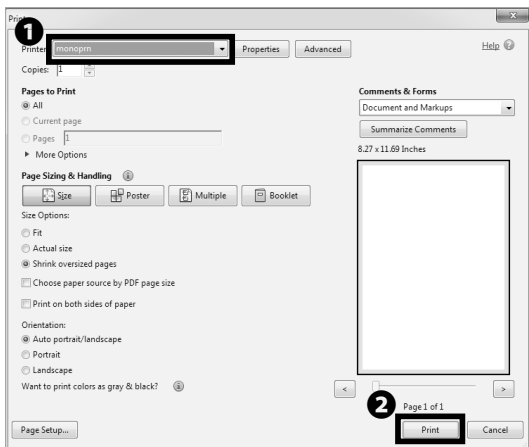
No specific configuration is necessary when you are printing your document(s) from on-campus computers. In this section, the steps to print a PDF file will be explained.



02

Click **2** "印刷"(Print) from the menu **1** "ファイル"(File).

Alternatively you could also hit the Ctrl(Control) key and the P key for a shortcut.



03

In section **1** , for black-and-white document(s), select "monoprn". For color document(s), select "colorprn". Then, click **2** "Print."

Your document(s) will be sent to CNS printers as printing job(s). Go to a nearby CNS printer to print your document(s).

Note that the color printing charge will be applied to black-and-white document(s) if "colorprn" is selected.

3

Printing from Your PC (Windows 10)

01

By using the IPP (Internet Printing Protocol), you can send printing jobs to CNS printers from your PC. First, open a web browser and go to the URL:

⇒ <https://itcsecure.sfc.keio.ac.jp/form/password/>

Type your CNS login name in ❶ "CNS login name" and your CNS login password in ❷ "CNS login password." Then, click ❸ "Login."

02

Click ❶ "IPP Password."

03

Click ❶ "Confirm."

Remember the password you will see in the next page. This password will be used in STEP 15.

04

Open a web browser and go to the URL:

⇒ http://www.sfc.itc.keio.ac.jp/en/top_sfc.html

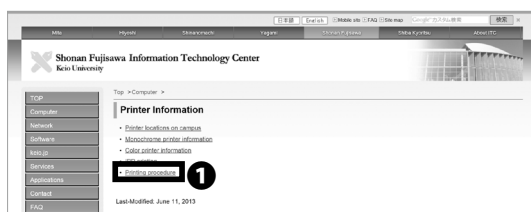
Click ❷ "Printer Information" from the ❶ "Computer" menu.

Start Up 1

Wireless LAN 2

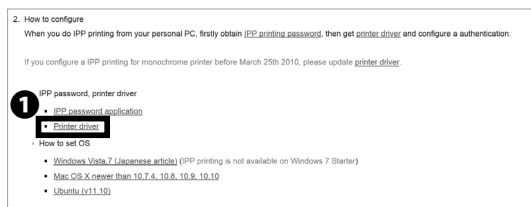
CNS Mail 3

CNS Printers 4



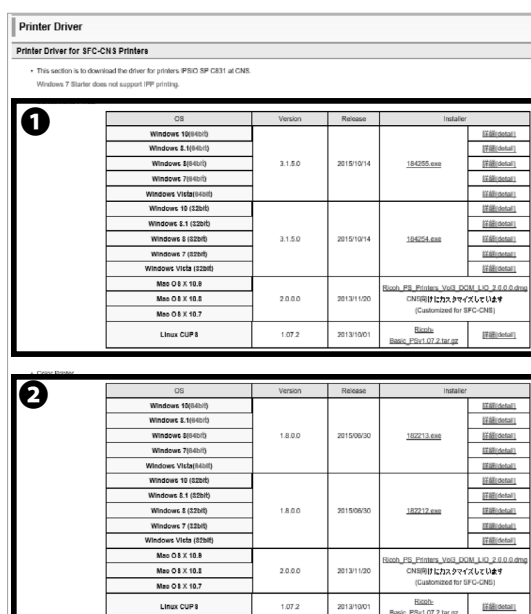
05

Click ❶ "Printing procedure."



06

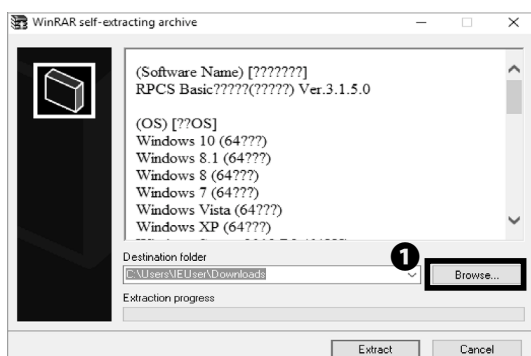
Scroll down to the middle part of the page and click ❶ "Printer driver."



07

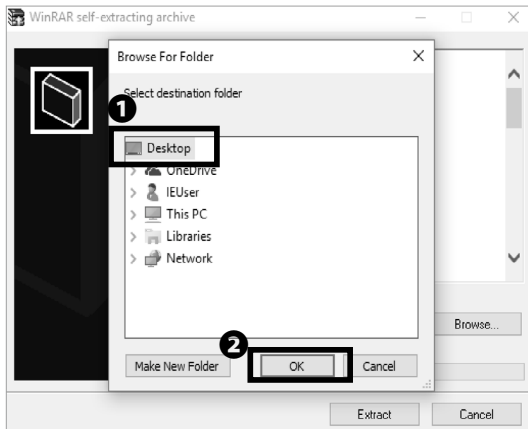
Download the appropriate driver for your operating system and desired printer. For black-and-white documents, choose ❶ "Monochrome Printer." For color documents, choose ❷ "Color Printer."

The following procedure will be for the black-and-white printer (monoprn), but if you would like to use the color printer (colorprn) as well, set the monoprn printer first, then follow STEP07~22 again instead choosing ❷ "Color Printer."



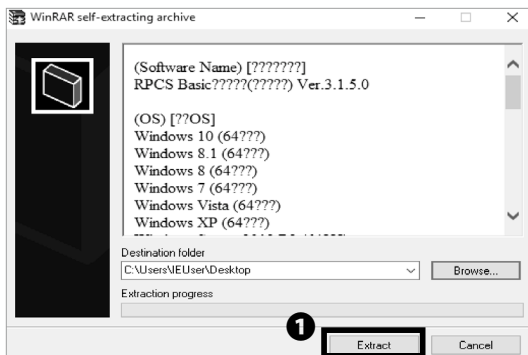
08

Open the installer you just downloaded. The window shown on the left will appear. Then, click ❶ "Browse...."



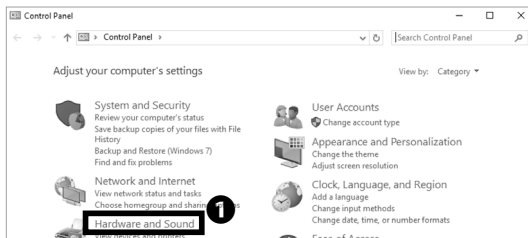
09

Select ❶ "Desktop" and click ❷ "OK."



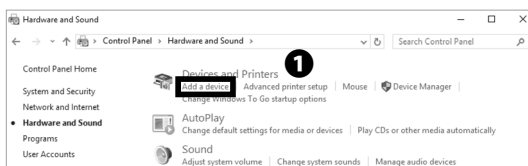
10

Click ❶ "Extract."



11

After installation, open "Control Panel" from "All Apps." Then, click ❶ "Hardware and Sound."



12

Click ❶ "Add a device".



13

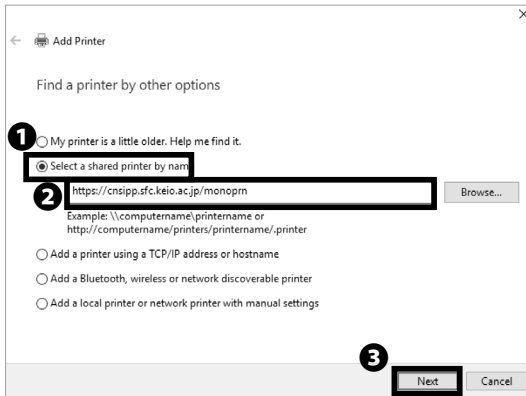
Click ❶ "The printer that I want isn't listed."

Start Up 1

Wireless LAN 2

CNS Mail 3

CNS Printers 4



14

Confirm ① "Select a shared printer by name" is selected and type one of the printer addresses below in ②. Then, click ③ "Next."

Black and White Printer (Monochrome):

⇒ <https://cnsipp.sfc.keio.ac.jp/monoprn>

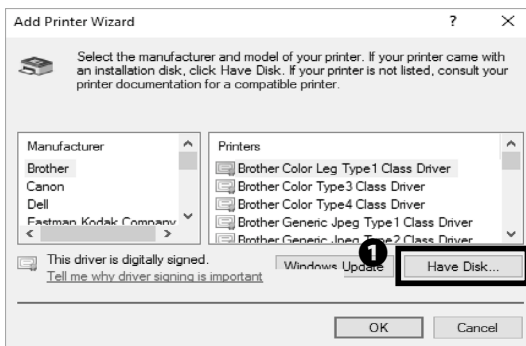
Color Printer:

⇒ <https://cnsipp.sfc.keio.ac.jp/colorprn>



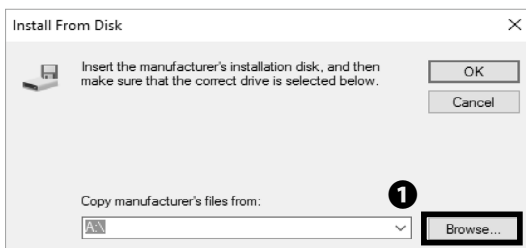
15

Type your CNS login name in ① "User Name" and your CNS IPP password from STEP 03 in ② "Password." Then, click ③ "OK."



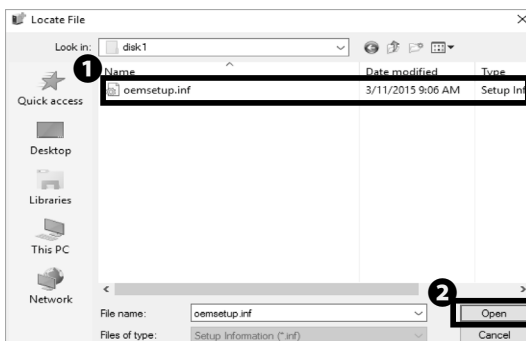
16

After the connection is established, "Add Printer Wizard" will appear. Click ① "Have Disk...."



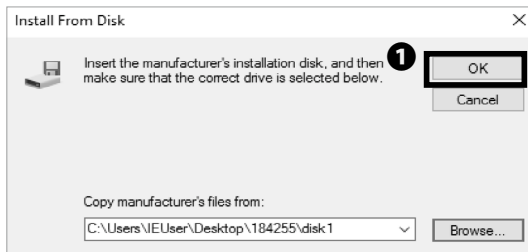
17

Click ① "Browse...."



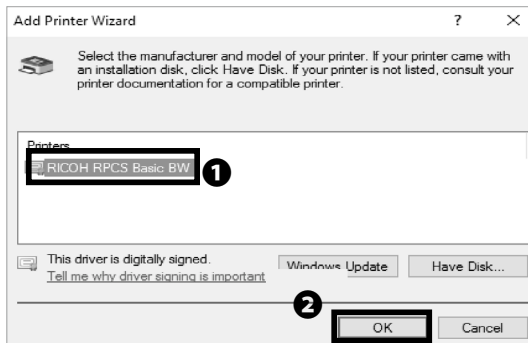
18

Open "disk1" from the folder in which you extracted printer drivers during installation in STEP 10. Select the ① file in that folder and click ② "Open."



19

Click ① "OK."

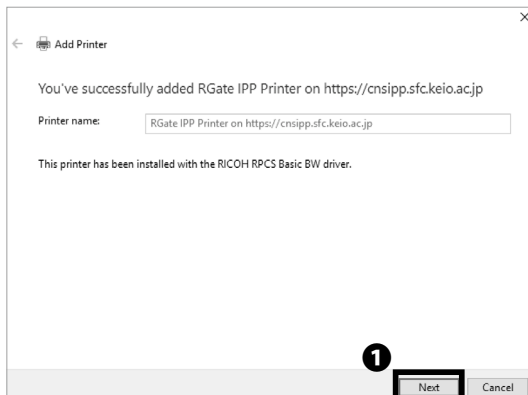


20

If you chose "Monochrome Printer", select ① "RICOH RPCS Basic BW."

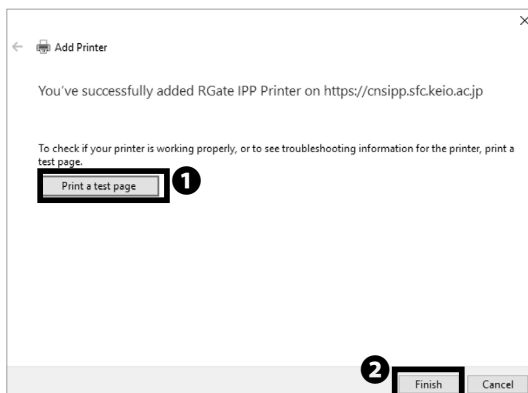
If you chose "Color Printer", select "RICOH IPSiO SP C831 RPCS".

Then, click ② "OK" to proceed.



21

Click ① "Next."



22

Click ① "Print a test page." Check that the job has been sent successfully by using the terminal next to one of the CNS printers. Confirm that your test page has printed correctly. Then, click ② "Finish."

Printing from Your PC (Windows 10) is completed.

Start Up 1

Wireless LAN 2

CNS Mail 3

CNS Printers 4

4

Printing from Your Mac (mac OS)

01

By using the IPP (Internet Printing Protocol), you can send printing jobs to the CNS printers from your Mac.

First, open a web browser and go to the URL:

⇒ <https://itcsecure.sfc.keio.ac.jp/form/password>

Type your CNS login name in ❶ "CNS login name" and your CNS login password in ❷ "CNS login password." Then, click ❸ "Login."

02

Click ❶ "IPP Password."

03

Click ❶ "Confirm."

Remember the password you will see in the next page. This password will be used in STEP 34.



04

In order to install the printer drivers, the security settings of your Mac have to be modified. Click ❶ "System Preferences" in your dock.



05

Click ① "Security & Privacy."



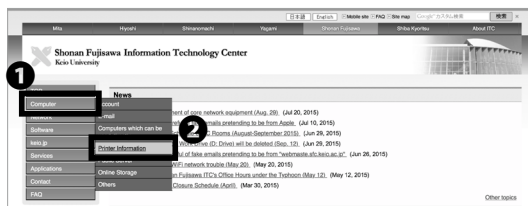
06

Click ① icon and type your mac OS account password. Then, check ② "Anywhere."



07

An alert shown on the left side will appear. Click ① "Allow From Anywhere."

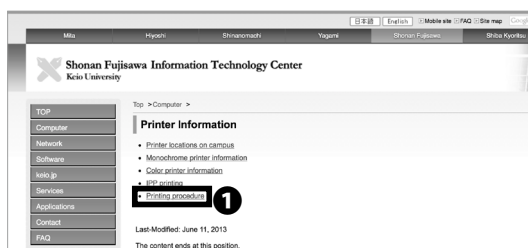


08

Open a web browser and go to the URL:

⇒ http://www.sfc.itc.keio.ac.jp/en/top_sfc.html

Click ② "Printer Information" from the menu ① "Computer."



09

Click ① "Printing procedure."

Start Up 1

Wireless LAN 2

CNS Mail 3

CNS Printers 4

2. How to configure

When you do IPP printing from your personal PC, firstly obtain IPP printing password, then get printer driver and configure a authentication.

If you configure a IPP printing for monochrome printer before March 20th 2010, please update printer driver.

• IPP password, printer driver

• [Printer driver](#) (pdf/zip)

• How to set OS

- Windows Vista 7 (Japanese article) (IPP printing is not available on Windows 7 Starter)
- Mac OS X newer than 10.7.4, 10.8, 10.9, 10.10
- Ubuntu (v11.10)

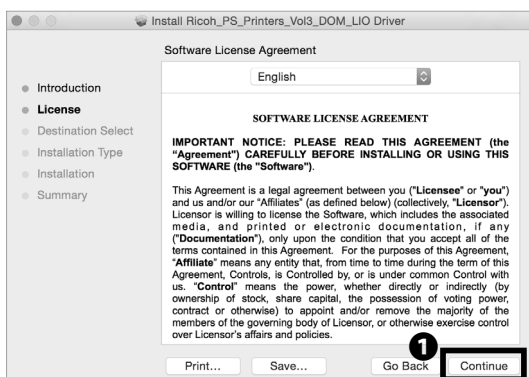
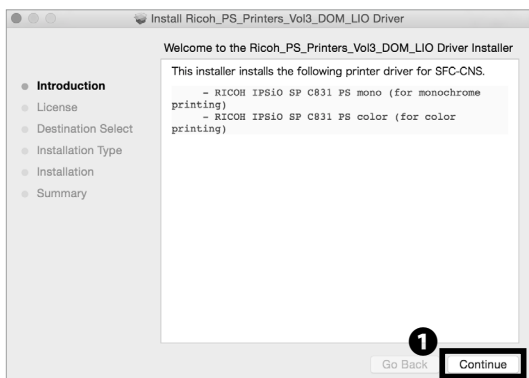
Printer Driver

Printer Driver for SFC-CNS Printers

- This section is to download the driver for printers IPSIO SP C831 at CNS.
Windows 7 Starter does not support IPP printing.

• Monochrome Printer

OS	Version	Release	Installer
Windows 8.1 (64bit)	3.12.0	2014/01/17	172125.exe
Windows 8 (64bit)			172125.exe
Windows 7 (64bit)			172125.exe
Windows Vista (64bit)			172125.exe
Windows 8.1 (32bit)	3.12.0	2014/01/17	172125.exe
Windows 7 (32bit)			172125.exe
Windows Vista (32bit)			172125.exe
Windows XP (32bit)			172125.exe
Mac OS X 10.9	2.0.0.0	2013/11/20	Ricoh_PS_Printers_Voi3_DOM_LIO_2.0.0.0.pkg
Mac OS X 10.8			Ricoh_PS_Printers_Voi3_DOM_LIO_2.0.0.0.pkg
Mac OS X 10.7			Ricoh_PS_Printers_Voi3_DOM_LIO_2.0.0.0.pkg
Linux CUPS	1.07.2	2013/10/01	Ricoh_PS_Printers_Voi3_DOM_LIO_2.0.0.0.pkg



10

Scroll down to the middle of the page and click

1 "Printer driver."

11

Click the 1 installer for Mac. Your download will begin.

12

Open the file you just downloaded. Then, double click

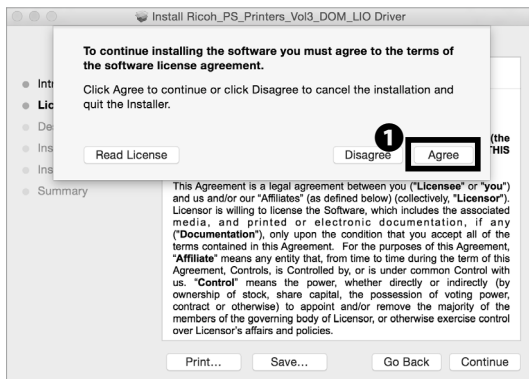
1 to launch the installer.

13

Click 1 "Continue."

14

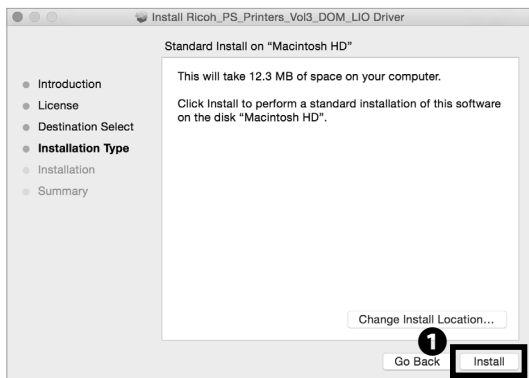
Click 1 "Continue."



15

Read the software license agreement carefully and click

1 "Agree" if you understand the terms and conditions and agree. If you do not, you may not use this software.



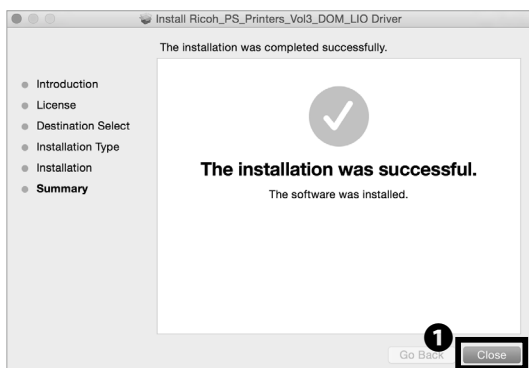
16

Click **1** "Install."



17

When the window prompts you to type in your password, type your mac OS account password in **1** "Password." Then, click **2** "Install Software."



18

When the driver installation is finished, click **1** "Close."

Refer to STEP 05 ~ 07 and change the settings on Security & Privacy from "Anywhere" to "Mac App Store and identified developers."

Start Up 1

Wireless LAN 2

CNS Mail 3

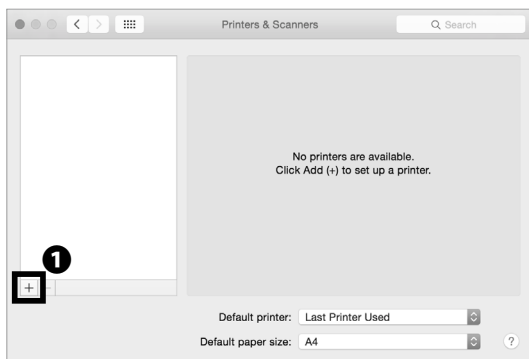
CNS Printers 4



19

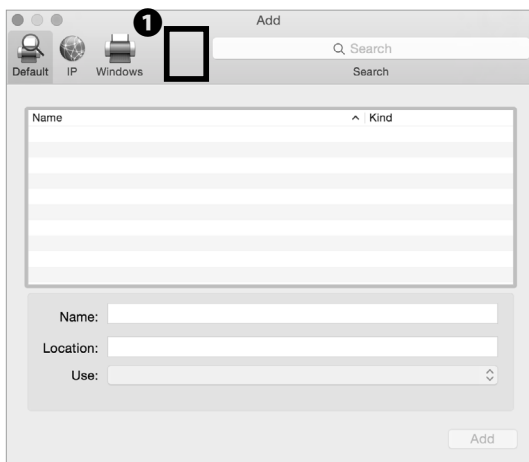
Open "System Preferences" and click ❶ "Printers & Scanners."

The next procedure will be for the black-and-white printer (monoprn), but if you would like to use the color printer (colorprn) as well, set the monoprn printer first, then follow STEP19~35 again; this time choose "colorprn" instead of "monoprn."



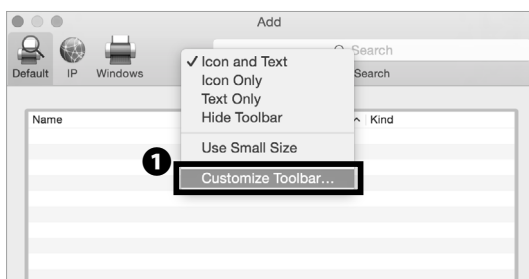
20

Click ❶ "+."



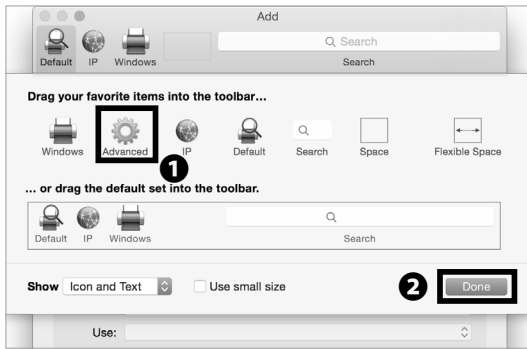
21

Hold the control key and click the ❶ blank space at the top of the window.



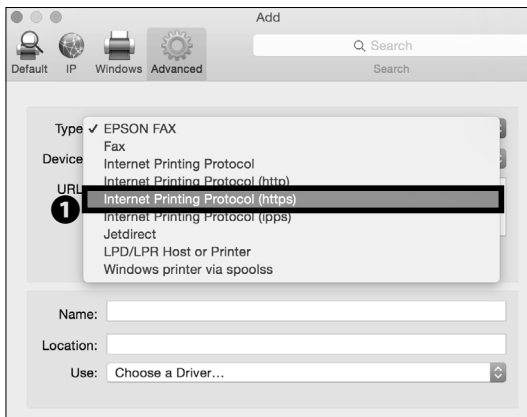
22

Click ❶ "Customize Toolbar..."



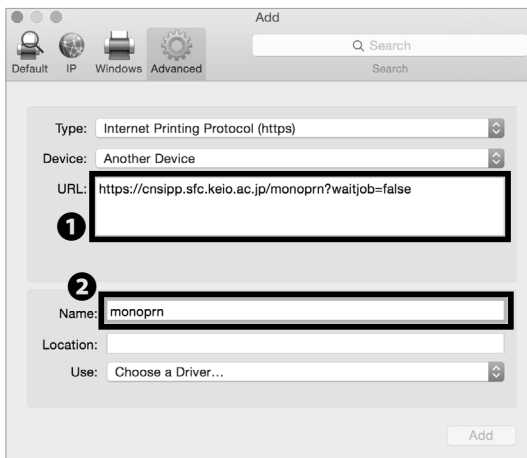
23

Drag and drop the **1** "Advanced" icon onto the menu at the top of the window. Click **2** "Done" and click the "Advanced" icon you just added.



24

Select **1** "Internet Printing Protocol (https)" from "Type."



25

Type one of the printer addresses as below in **1** "URL."

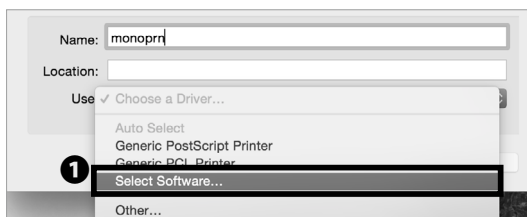
Black-and-White Printer (Monochrome):

⇒ <https://cnsipp.sfc.keio.ac.jp/monoprn?waitjob=false>

Color Printer:

⇒ <https://cnsipp.sfc.keio.ac.jp/colorprn?waitjob=false>

Type name in **2** "Name." If you are setting up the black-and-white printer, type "monoprn." If you are setting up for the color printer, type "colorprn."



26

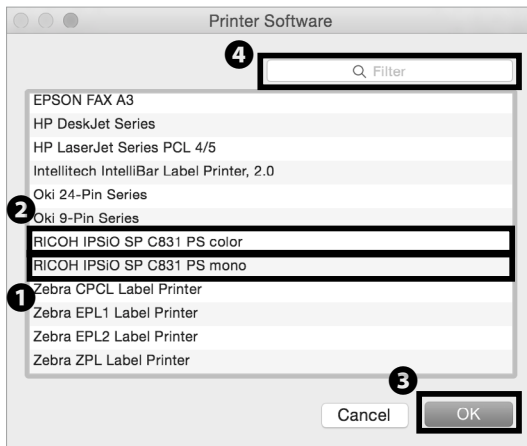
Select **1** "Select Software..." from "Use."

Start Up 1

Wireless LAN 2

CNS Mail 3

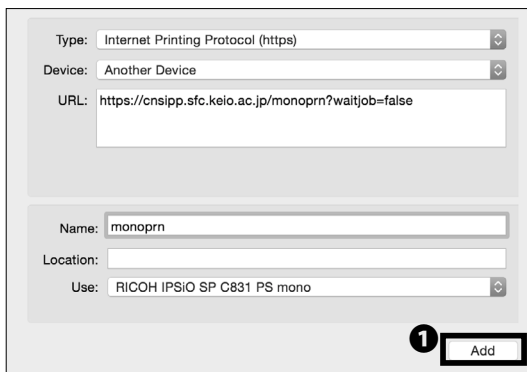
CNS Printers 4



27

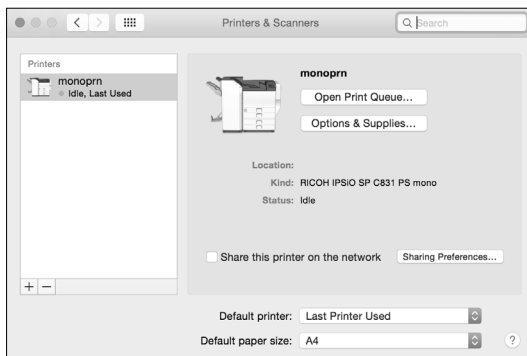
If you are setting up the black-and-white printer, select ① "RICOH IPSiO SP C831 PS mono" from the list. If you are setting up for the color printer, select ② "RICOH IPSiO SP C831 PS color." Then, click ③ "OK."

You can find the printer software easily by typing "RICOH" in ④ "Filter" column.



28

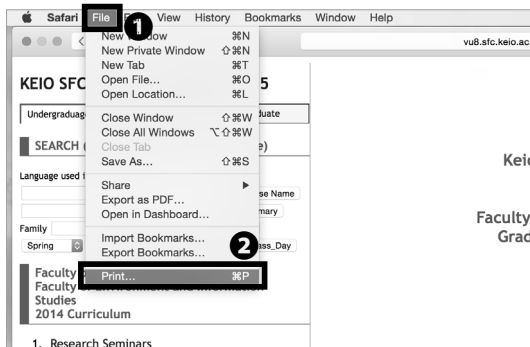
Click ① "Add."



29

Printer setup is completed.

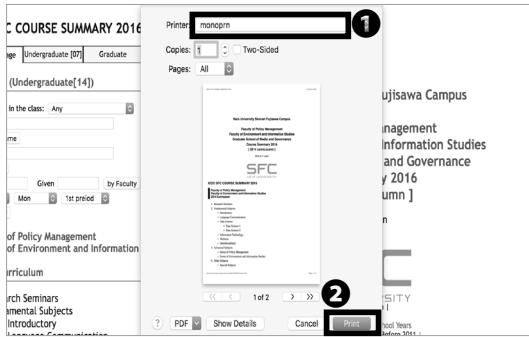
However, it is highly recommended that you automate the authentication process CNS printers require before printing. Follow the instructions below.



30

Print any kind of file or webpage (As an example, the SFC website is used.)

Click ② "Print..." from the menu ① "File."



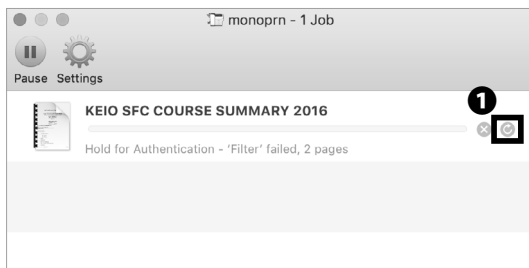
31

The print menu will be displayed. Select "monoprn" for black-and-white documents, or "colorprn" for colored documents in ❶. Then, click ❷ "Print."



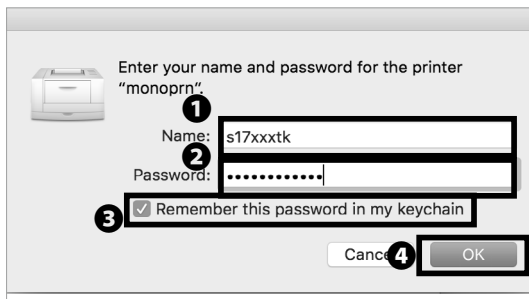
32

Click the bouncing icon in your dock ❶ "monoprn."



33

Click ❶ the refresh icon.



34

Type your CNS login name in ❶ "Name" and your CNS IPP password from STEP 03 in ❷ "Password." Check ❸ "Remember this password in my keychain" and click ❹ "OK."



35

Once the job is cleared from the window, the printing job has been sent successfully to the printer.

Printing from Your Mac (mac OS) is completed.

Start Up 1

Wireless LAN 2

CNS Mail 3

CNS Printers 4

5

Antivirus

Explaining How to Protect Your Computer from Viruses.

Protecting Your Computers from Security Threats	86
Installing Antivirus Software on Your PC (Windows 10)	87
Installing Antivirus Software on Your Mac (mac OS)	91
How to Update Your Windows / mac OS System	98
Are Software Updates Important?	98
Updating Your Windows System (Windows 10)	98
Updating Your Mac System (mac OS)	100

1

Protecting Your Computers from Security Threats

01 Damage Caused by Computer Viruses

Once your computer is connected to the internet, there is a risk that your computer could be infected with viruses or other malicious software designed to exploit flaws in your computer. If infected, any of the following could occur without your knowledge.

- Theft of personal information
- Emails with spam or viruses are sent to people in your address book
- Your computer participates in attacks against other computers or networks

Computers infected with viruses or malware will generally try to spread and infect other computers on the network. In order to prevent the spread of malware, ITC reserves the right to, without any prior notification, restrict internet access for devices possibly infected with malware.

02 Antivirus Software

In order to minimize the risk of computer malware, you should ensure your computer is updated regularly (please refer to 【p.98: How to Update Your Windows / mac OS System】) and install antivirus software to help detect and remove any viruses on your computer.

03 Using ESET Smart Security

Keio University provides every student, faculty, and staff member with a license to use "ESET Smart Security" for Windows or mac OS (on one computer). The following pages describe how to obtain and install this software.

Please note that antivirus software often does not function properly if you install two or more antivirus software programs on your computer (such as another program or a trial edition.) If you have any other antivirus software installed on your computer, you should uninstall them before proceeding.

2

Installing Antivirus Software
on Your PC (Windows 10)

keio.jp
Keio University CALAMVS GLADIO FORTIOR

2014年11月11日よりkeio.jp の変更点があります。詳細
keio.jp renewal on November 11, 2014 [Detail](#)

ログイン対象/Log in to :
keio.jpポータル / keio.jp Portal

1 ID:
t.keio@keio.jp

2 Password:
●●●●●●●●

☐ : ワンタイムパスワードを利用する/ Use One-Time Password

3 **Login**

[利用者ガイド \(User's Guide\)](#) [サポート \(Support Desk\)](#)
[ワンタイムパスワードについて \(About One-Time Password\)](#)

01

Open a browser and go to the URL:

⇒ <http://keio.jp/>

Type your keio.jp ID (or "[your CNS login name]@sfc.keio.ac.jp") in ❶ "ID" and your keio.jp password (or "your CNS login password") in ❷ "Password." Then, click ❸ "Login."

keio.jp
Keio University CALAMVS GLADIO FORTIOR

1 English

Application Information

よくあるお問い合わせ
お知らせ
お問い合わせ
お問い合わせ
お問い合わせ

Single App
メール
カレンダー
グループ
検索

検索メール検索ツール
お問い合わせ

お問い合わせ

© 2014, Keio University

02

Click ❶ "English" at the top of the page.

keio.jp
Keio University CALAMVS GLADIO FORTIOR

1 English

Application Information

よくあるお問い合わせ
お知らせ
お問い合わせ
お問い合わせ
お問い合わせ

Single App
メール
カレンダー
グループ
検索

検索メール検索ツール
お問い合わせ

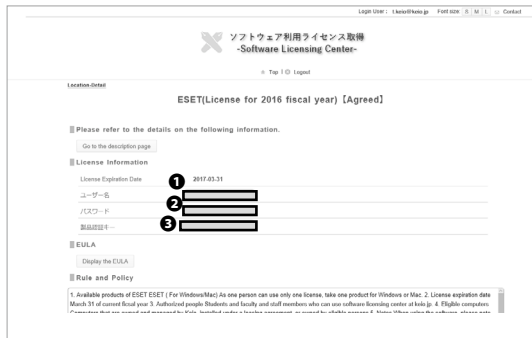
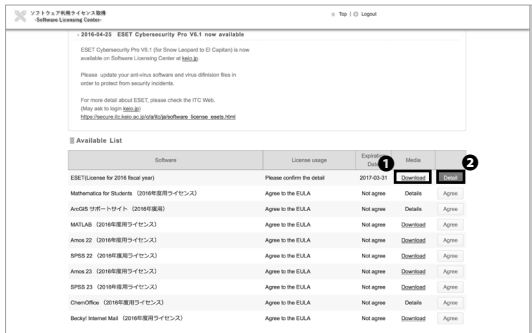
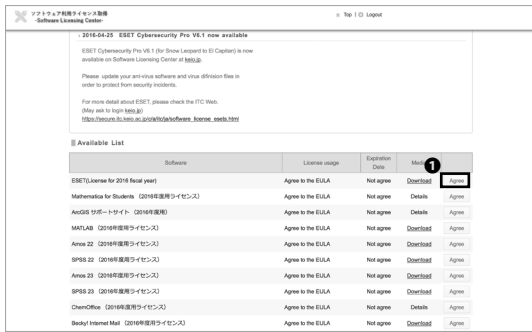
お問い合わせ

© 2014, Keio University

2 SOFTWARE LICENSING CENTER

03

Click ❷ "SOFTWARE LICENSING CENTER" from the ❶ "SERVICE" menu.



04

Click **1** "Agree" in the "ESET" row to read the EULA (End-User License Agreements.)

Doing so does not mean that you have agreed to the EULA for ESET.

05

If you agree to the EULA (End-User License Agreements) and the Rules and Policy, click **1** "Agree."

If you don't agree to the EULA or Rules and Policy, then you may not use ESET.

06

Go back to the license list.

Hold the Ctrl key and click ❶ "Download" to open and duplicate the tab. This window should look like Step 08.

Then, Click **2** "Detail."

07

You can check your **❶** User Name, **❷** Password, and **❸** License Key for ESET on this page.

You will use the **3** License Key in STEP 13.

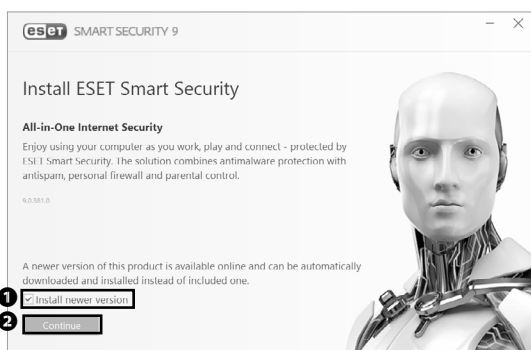


08

Choose the installer that is compatible with your Operation System.

Click ① "Download" to download the installer.

To check your Operating System refer to 【p.133 How to Check a PC's Operating System.】



09

Open the file you just downloaded. Make sure that

① "Install newer version" is checked. Then click ② "Continue."

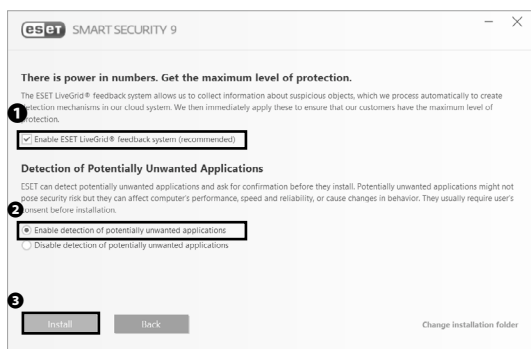


10

Read the EULA (End-User License Agreement) carefully.

If you agree, click ① "I Accept."

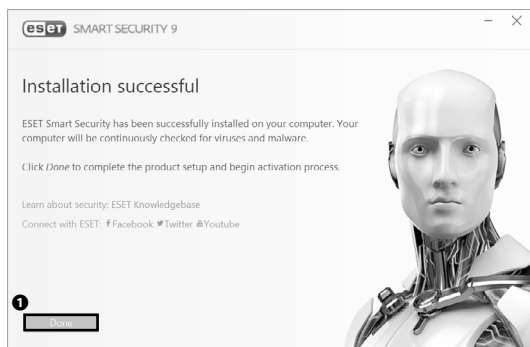
If you don't agree to the EULA, you may not use ESET.



11

Make sure that ① "Enable ESET LiveGrid feedback system" is checked, and ② "Enable detection of potentially unwanted applications" is selected.

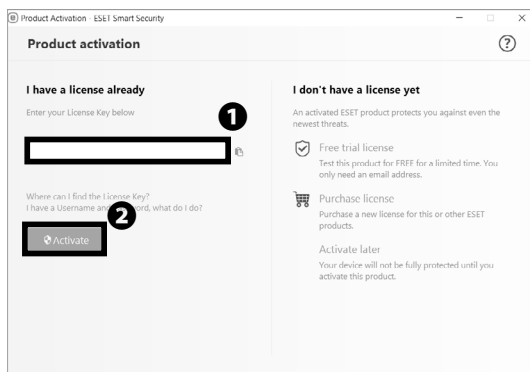
Then, click ③ "Install."



12

If the window shown on the left appears, you have successfully installed ESET Smart Security 9.

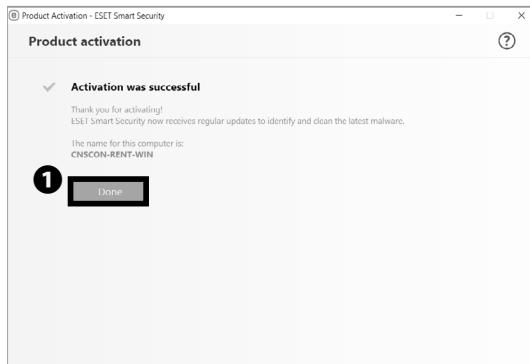
Click **1** "Done" and proceed to the activation process.



13

Once you finish installing ESET, the window shown on the left will appear.

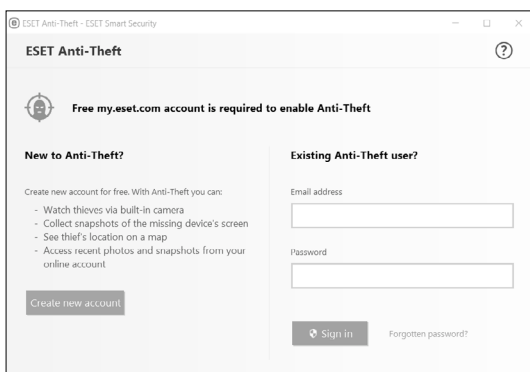
Enter your License Key (**3** "製品認証キー" from STEP 07) in **1** , then click **2** "Activate."



14

If the window shown on the left appears, you have successfully activated ESET Smart Security.

Click **1** "Done" to proceed.



15

After product activation, the window shown on the left will appear.

You can setup ESET Anti-Theft here by creating a my.eset.com account. If you don't need ESET Anti-Theft, simply close the window.

Installing Antivirus Software on Your PC (Windows 10) is completed.

3

Installing Antivirus Software
on Your Mac (mac OS)

2014年11月11日よりkeio.jpの変更点があります。詳細
keio.jp renewal on November 11, 2014 [Detail](#)

ログイン対象/Log in to :
keio.jpポータル / keio.jp Portal ?

ID:
1

Password:
2

☐ ワンタイムパスワードを利用する / Use One-Time Password

3

01

Open a web browser and go to the URL:

⇒ <http://keio.jp/>

Type your keio.jp ID (or "[your CNS login name]@sfc.keio.ac.jp") in ❶ "ID" and your keio.jp password (or "your CNS login password") in ❷ "Password." Then, click ❸ "Login."

1 [English](#)

02

Click ❶ "English" on the top of the page.

1 [SOFTWARE LICENSING CENTER](#)

2 [SERVICE](#)

03

Click ❷ "SOFTWARE LICENSING CENTER" from the ❶ "SERVICE" menu.

ESET products

インストールプログラムダウンロードページ - Install Program Download Page -

ウイルス定義データベースはアップデートして常に最新のものを適用してください。

【個人利用向け】

※ESET(個人利用向け)はOS、日英版、32/64bitのすべての製品を通して一人1ライセンスの提供です。

総合セキュリティ対策製品 - Integrated Security Products -					
ソフトウェア名称 Product Name	OS	日本語版		English	
		32bit	64bit	32bit	64bit
ESET Smart Security V9	Windows	ダウンロード (Windows10 まで対応) (187MB)		Download (Up to Windows10) (100MB)	Download (Up to Windows10) (104MB)
ESET Cybersecurity Pro V6.1	Mac	ダウンロード (Snow Leopard - El Capitan 対応) (129MB)		Download (Snow Leopard - El Capitan) (83.4MB)	
アンチウイルス製品 - Anti-Virus Products -					
ソフトウェア名称	OS	日本語版		English	

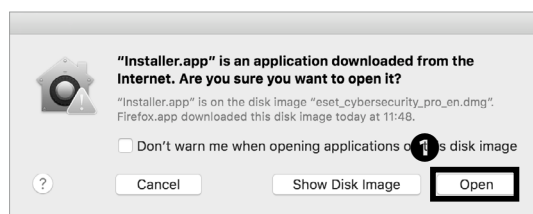
08

Click ❶ "Download" to download the installer.



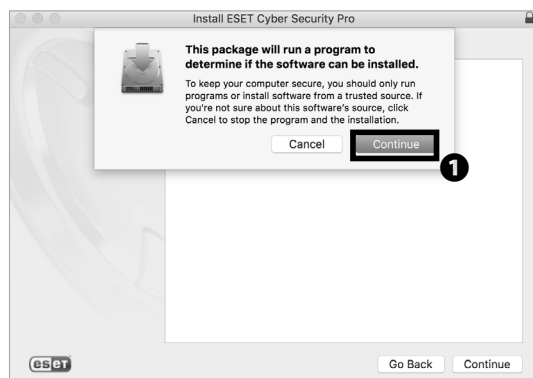
09

Open the file you just downloaded. Then click ❶ "Install ESET Cyber Security Pro" to install ESET Cyber Security Pro on your Mac.



10

Click ❶ "Open."



11

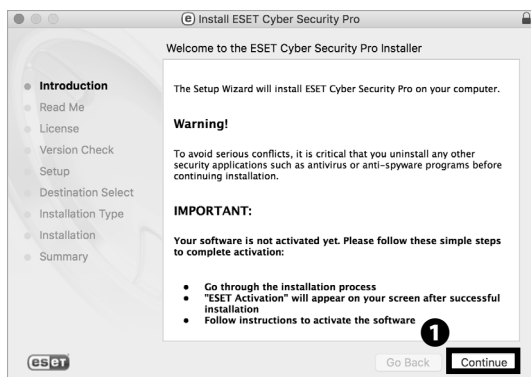
Click ❶ "Continue."

Antivirus 5

CNS Servers 6

FAQ 7

Appendix 8



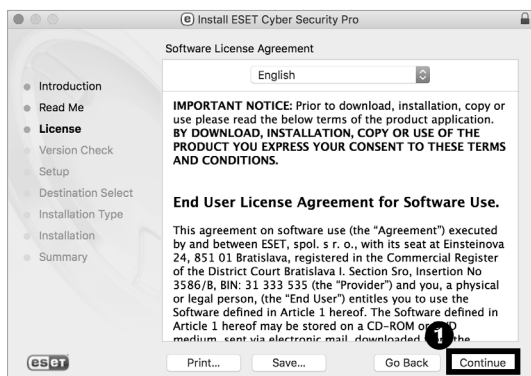
12

Click ❶ "Continue."



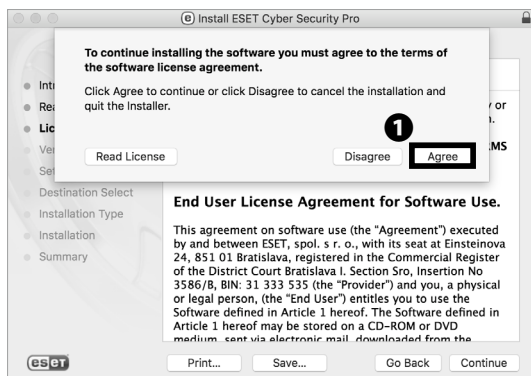
13

Click ❶ "Continue."



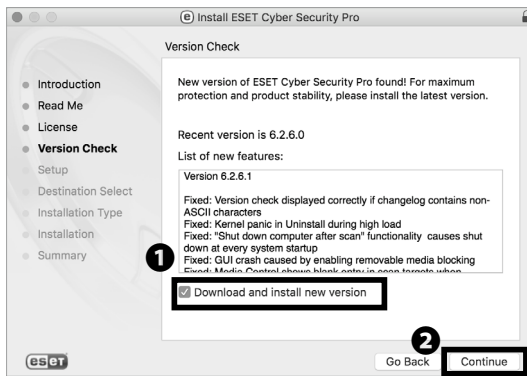
14

Read the EULA (End-User License Agreement) carefully.
If you agree, click ❶ "Continue." If not, you may not use ESET.



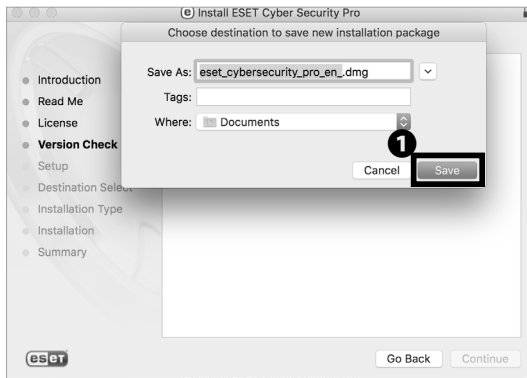
15

Click ❶ "Agree."



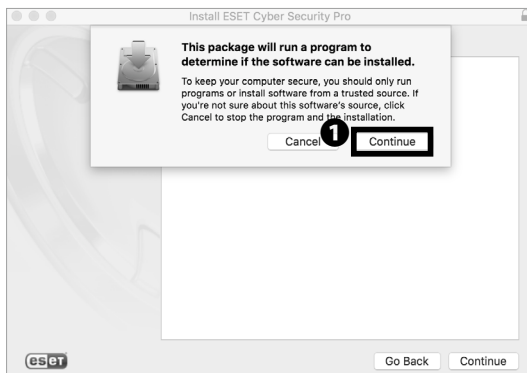
16

Make sure ❶ "Download and install new version" is checked. Then, click ❷ "Continue."



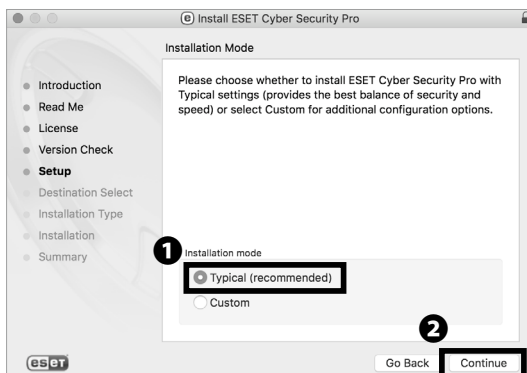
17

Click ❶ "Save."



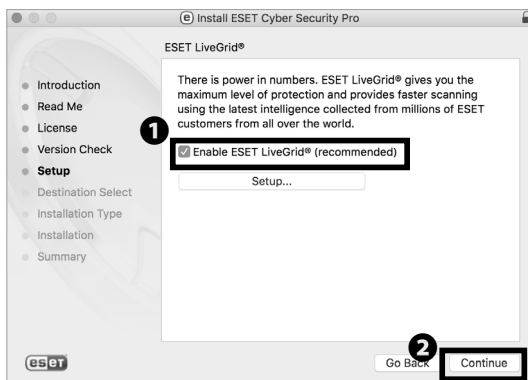
18

Click ❶ "Continue."



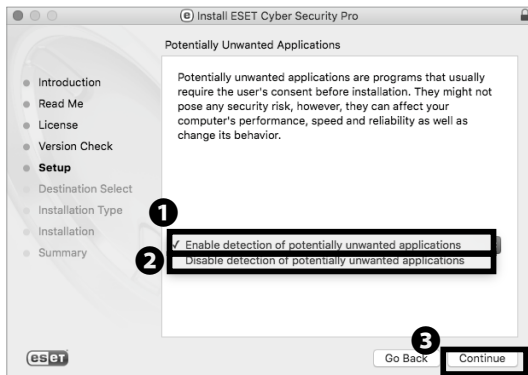
19

Make sure that ❶ "Typical (recommended)" is selected for installation mode. Then click ❷ "Continue."



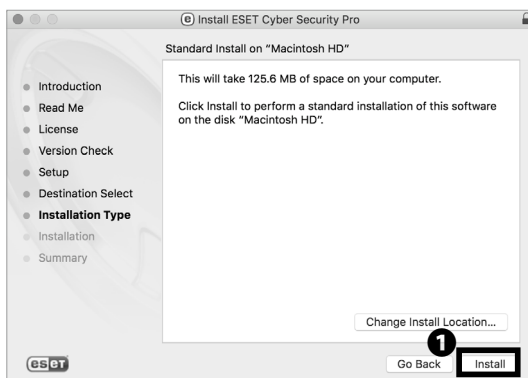
20

Make sure that ① "Enable ESET LiveGrid (recommended)" is checked. Then, click ② "Continue."



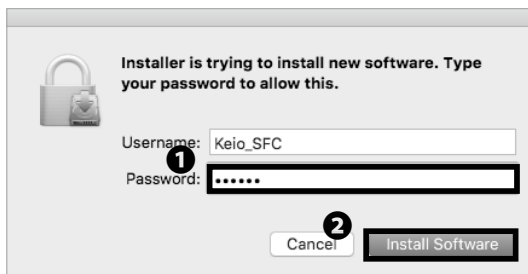
21

If you want to use the function shown on the window, select ① "Enable detection of potentially unwanted applications." If not, select ② "Disable detection of potentially unwanted applications." Then, click ③ "Continue."



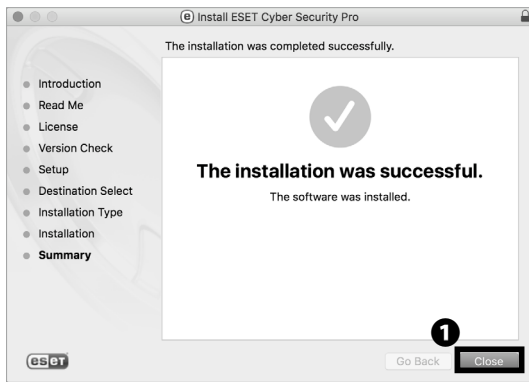
22

Click ① "Install."



23

When the window prompts you to type in your password, type your mac OS account password in ① "Password." Then, click ② "Install Software."



24

You have successfully installed ESET Cyber Security Pro on your Mac.

Click ❶ "Close."



25

On your desktop, click ❶ icon, then click ❷ "Open ESET Cyber Security Pro."



26

Click ❶, then click ❷ "Product activation..."



27

Enter your License Key (❸ "製品認証キー" from STEP 07) in ❶ "License Key." Then, click ❷ "Activate."

Installing Antivirus Software on Your Mac (mac OS) is completed.

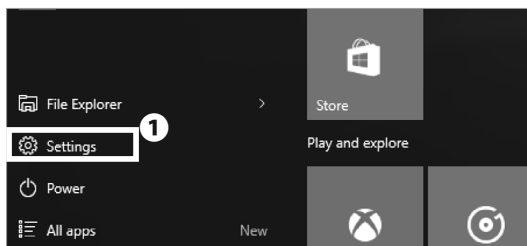
4

How to Update Your Windows / mac OS System

Are Software Updates Important?

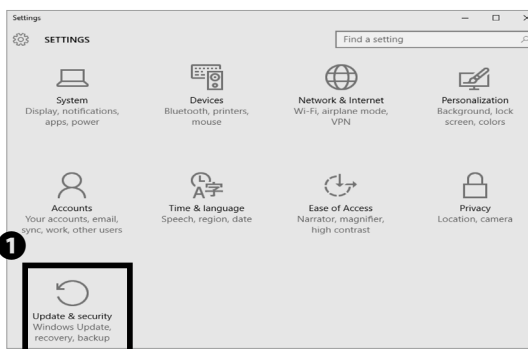
When a bug or vulnerability is discovered in a piece of software, a software publisher will often release an update to fix any problems. For example, Windows Update (on Windows PCs) and Software Update (on mac OS) regularly receives updates designed to keep users safe. Many other software vendors have similar ways to provide users with updates. Software updates fix bugs and are crucial for information security. Malicious hackers will often attempt to exploit vulnerabilities

before users are able to update their computers, so users should apply software updates as soon as possible. Please ensure all your software is up to date to help keep your computer safe on the internet. The following pages describe how to install operating system updates (on Windows and mac OS) and configure your computer to check for updates automatically.

Updating Your Windows System (Windows 10)

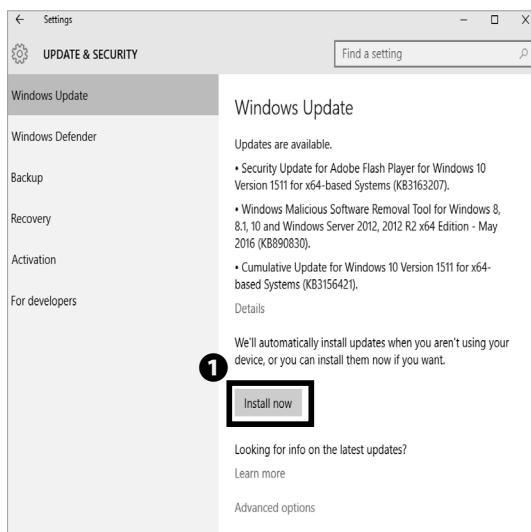
01

Click the Windows icon in the lower left corner of your screen, then click ❶ "Settings."



02

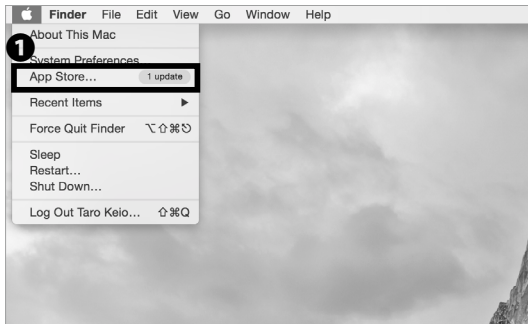
On the left screen, click ❶ "Update & security."



03

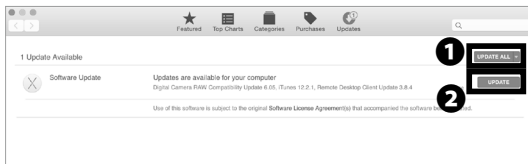
Select any updates that appear, then click ❶ "Install now." Windows 10 will check for and install updates automatically.

Updating Your Mac System (mac OS)



01

From the Apple menu on the menu bar at the top of the screen, click ❶ "App Store...."



02

The App Store will launch. If you see any update(s), click ❶ "UPDATE ALL" or ❷ "UPDATE."

Updating Your Mac System (mac OS) is completed.

COLUMN vol.2

Threats on the Web

The internet is one of the most notable inventions in the field of computer science. It has become so essential to our daily lives that millions of machines around the world are connected and able to communicate. However, "essential" does not necessarily mean "secure"; all devices on the internet are at risk of attack.

For example, malicious attackers can create websites designed to trick users and install malware and other unauthorized software, resulting in data theft, vandalism, or other harm. You must be careful when using the internet and should avoid nonreputable websites that could harm your computer.

6

CNS Servers

Explaining How to Upload Files to CNS Servers and Publish Files on the Web.

Using CNS Servers	102
What are CNS Servers ?	102
Remote Access to CNS Servers	103
What is Remote Access ?	103
Access Remotely from Your PC (Windows 10)	103
Access Remotely from Your Mac (mac OS)	110
Transferring Files to CNS from Your PC (Windows 10) with WinSCP	113
Transferring Files to CNS from Your Mac (mac OS) with Cyberduck	117
Publishing Files on the Web	119
Publishing Files on the Web from On-Campus Mac (mac OS)	119
Publishing Files on the Web from On-Campus PC (Windows 10)	120
Publishing Files on the Web from Your PC with WinSCP (Windows 10)	121
Publishing Files on the Web from Your Mac with Cyberduck (mac OS)	121
Correlation between URL and File Location	122

1

Using CNS Servers

What are CNS Servers ?

01 What are Servers ?

Servers are computers or software that provide services and data to other computers on networks. CNS mail and other CNS services are hosted on internal CNS servers. This section provides details about personal storage available on CNS.

03 Upload Using SSH

You have direct access to your CNS storage from on-campus computers. However, if using your own computer, you must use SSH secure shell to upload files onto the CNS servers. Instructions for this are given in [p.103 : Remote Access to CNS Servers.]

02 Storage Assigned to You

Every student at SFC is assigned 80GB of storage on the CNS network. The storage is allocated for e-mail services and the rest of the space can be used for personal purposes; storing reports, photos, a backup and so forth. However it means that your e-mail service will no longer work when your storage is full. Be sure to make some space for e-mails in your storage.

Please refer to the list below to find paths of your user data directories.

04 Upload Using SCP/SFTP

You can upload files to the CNS servers using SCP or SFTP. Instructions on how to use WinSCP on Windows, and Cyberduck on mac OS will be given in this section.

Directory	Path on CNS Servers
mac OS Home directory	/home/ [your CNS login name]/CNSiMac
Windows 10 Desktop directory	/home/ [your CNS login name]/10DataCNS/CNSDESKTOP
Windows 10 Document directory	/home/ [your CNS login name]/10DataCNS/Documents

2

Remote Access to CNS Servers

What is Remote Access ?

Even if you cannot access on-campus computers physically, you can still access CNS servers remotely using the SSH protocol.

In this section, instructions for remote access on Windows 10 and mac OS are provided. For more information about CNS servers, please refer to the following URL:

⇒ http://www.sfc.itc.keio.ac.jp/en/top_sfc.html

Access Remotely from Your PC (Windows 10)

01

First, you need to make a public key and a private key to login to CNS servers remotely. These keys can be generated on the Shonan Fujisawa ITC website:

⇒ <https://itcsecure.sfc.keio.ac.jp/form/password/>

02

You will find the list of passphrases you can change on the menu on left side. Select ❶ "CNS SSH Key."

CNS SSH Key

登録済みの公開鍵の確認(Public key list)

Public key List

① キーペアの作成(Generate key pair)

1 パスフレーズを入力してください(Enter passphrase)

秘密鍵を暗号化するためのパスフレーズ

② このボタンをクリックしてください(Click this button)

Generate key pair

CNS SSH Key

Logout

✓ キーペアが作成されました。
(Key pair has been generated successfully.)
自動的にダウンロードが開始されます
(Download will be started automaticaly)

秘密鍵(Private key)

- ダウンロードは今回のみ可能です(You can download only this time)
- Mac, Linux等で利用する場合は chmod 600 を忘れずに
(If you use on Mac/Linux, Please chmod 600 this key.)

```
-----BEGIN RSA PRIVATE KEY-----
MIIEpQIBAAKCAQEA...
-----END RSA PRIVATE KEY-----
```

①

Download

03


Next, you will be directed to the page which requires you to set a password for your keys. Enter your passphrase in ①, and click ② "Generate key pair." This passphrase will be used in STEP 13.

04

Click ① "Download." Download your secret key and save it to any location on your computer.

Download PuTTY - a free... +

← → ↺ putty.org



Download PuTTY

PuTTY is an SSH and telnet client, developed originally by a group of volunteers.

You can download PuTTY **here.** ①

Below suggestions are independent

Bitvise SSH Client

Bitvise SSH Client is an SSH and SFTP client for Windows supported by PuTTY, as well as the following:

- graphical SFTP file transfer;

05

Windows doesn't have a SSH client preinstalled. You must install dedicated software. We will use "PuTTY" as an example. Access the below link, and click ① "here."

⇒ <http://www.putty.org>

Download PuTTY: latest release (0.70)

Home | FAQ | Feedback | Licenses | Updates | Mirrors | Keys | Downloads | Stable | Stagnant | Known | Changes | Misc

When new releases come out, this page will update to contain the latest, so this is a good page to bookmark or link to. Alternatively, here is a permanent link: <http://www.putty.org>

Release versions of PuTTY are versions we think are reasonably likely to work well. However, they are often not the most up-to-date version of the code available if the problem has already been fixed in those versions.

Package files

You probably want one of these. They include all the PuTTY utilities.

(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

MSI (Vista+ installer) [32-bit](#) (or by FTP) (signature)

MSI (Vista+ installer) [64-bit](#) (or by FTP) (signature)

Unix source archive [32-bit](#) (or by FTP) (signature)

Unix source archive [64-bit](#) (or by FTP) (signature)

Alternative binary files

The installer packages above will provide all of these (except PuTTYtel), but you can download them one by one if you prefer.

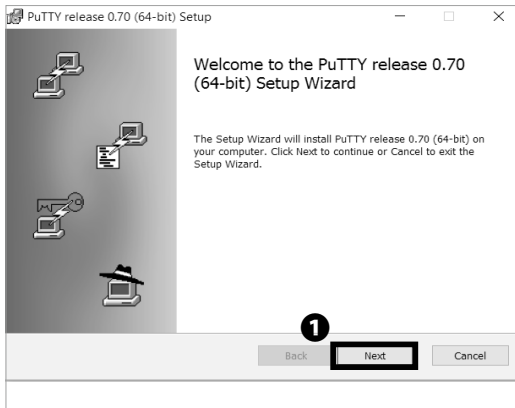
(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

putty.exe (the SSH and Telnet client itself) [32-bit](#) (or by FTP) (signature)

putty.exe (the SSH and Telnet client itself) [64-bit](#) (or by FTP) (signature)

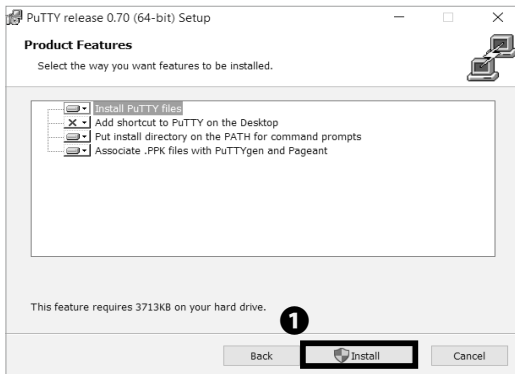
06

Click ① "putty-64bit-0.70-installer.msi" and save it to any location.



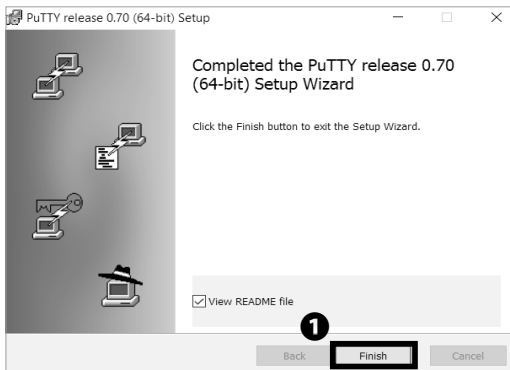
07

Click 1 "Next."



08

Click 1 "Install."



09

Click 1 "Finish."



10

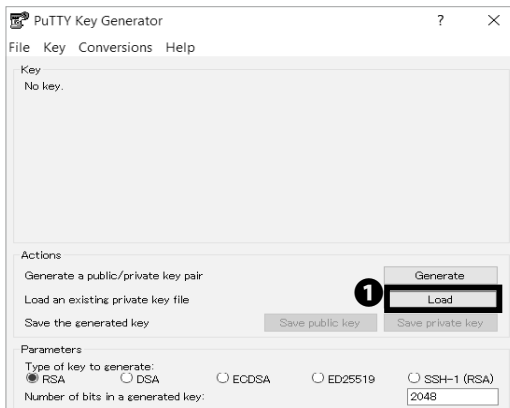
Open "PuTTYgen" from Start menu.

Antivirus 5

CNS Servers 6

FAQ 7

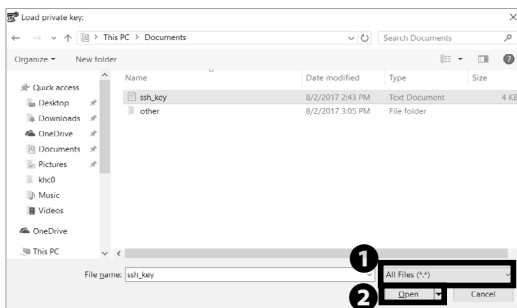
Appendix 8



11

Convert the format of the key in STEP 04.

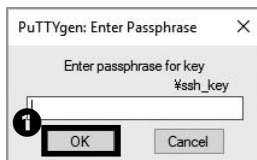
Click **1** "Load."



12

Click **1** and change to "All Files (*.*)".

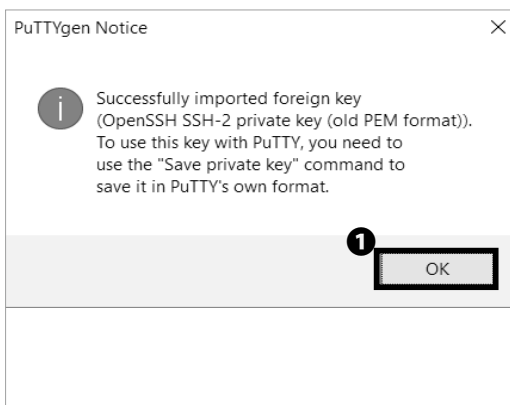
Then, choose the file you downloaded in STEP04 and click **2** "Open."



13

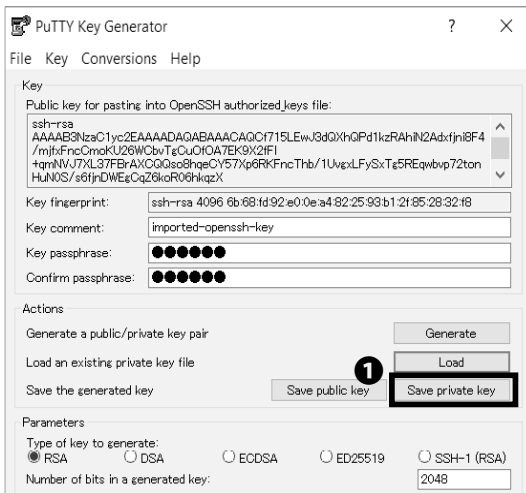
Type the passphrase you typed in STEP 03.

Then, click **1** "OK."



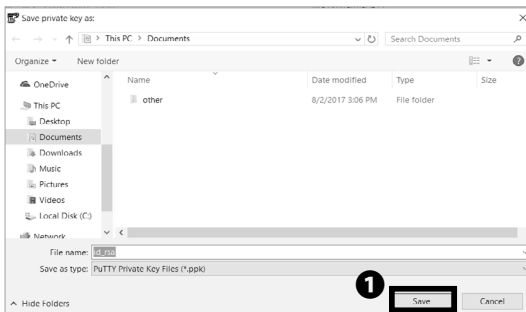
14

Click **1** "OK."



15

Click ❶ "Save private key."

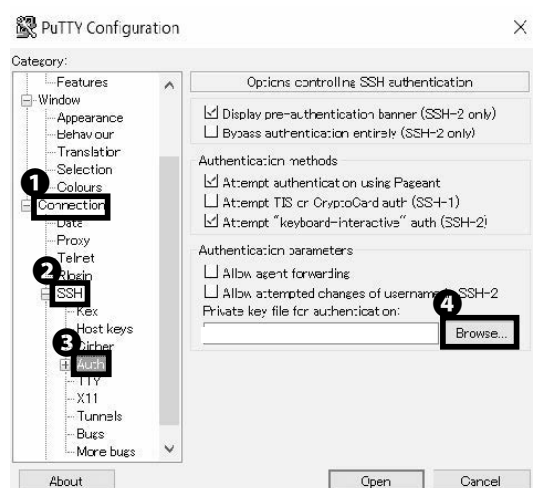


16

Type any File name to save the secret key.
Then, click ❶ "Save."

17

Open "PuTTY" from Start menu.



18

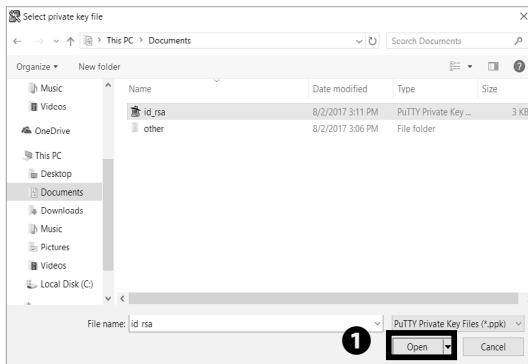
Click ❶ "Connection" -> ❷ "SSH" -> ❸ "Auth" -> ❹
"Browse."

Antivirus 5

CNS Servers 6

FAQ 7

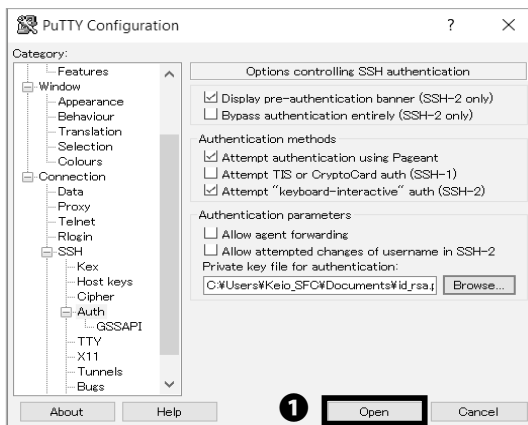
Appendix 8



19

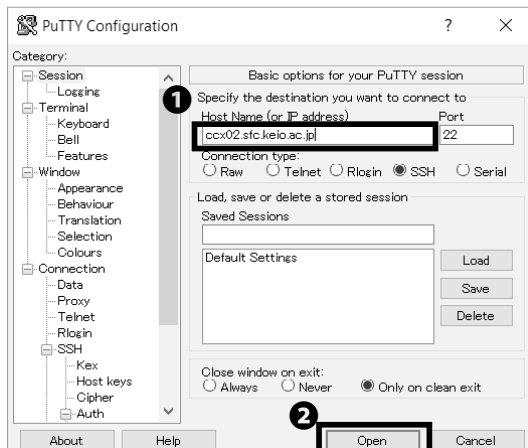
Click the secret key you saved in STEP 16.

Then, click ❶ "Open."



20

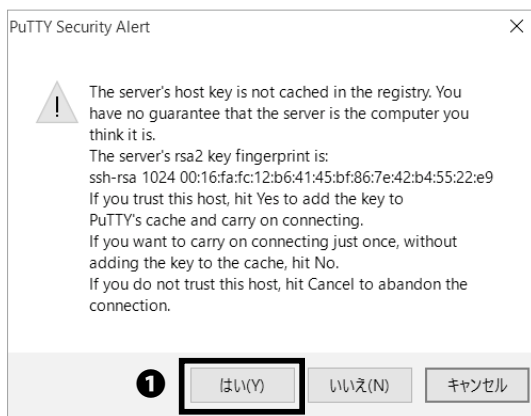
Click ❶ "Open."



21

Type your host name in ❶ "Host Name." We are using "ccx02.sfc.keio.ac.jp" as an example. Click ❷ "Open." For more information regarding CNS server, check the link below:

⇒ https://secure.itc.keio.ac.jp/c/a/sfc/en/computer_server.html



22

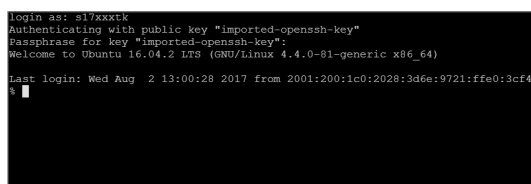
If you have never connected to a CNS server before, an alert similar to the one shown on the left will appear.

Click ❶ "はい (Y)."



23

Type your CNS login name in "login as" and your passphrase you made at STEP 03 in "Passphrase for key 'imported-openssh-key.'" Be aware that the cursor won't move while passphrase is being typed.



24

If you see the screen shown on the left, remote access is completed.

Access Remotely from Your Mac (mac OS)

```

tarokeio — -bash —
Last login: Mon Feb 22 16:11:34 on ttys000
Taro-KEI0:~ tarokeio$ ssh-keygen -b 2048

```

01

First, start Terminal.app from the Applications folder.

On your Mac, we will use the ssh-keygen command to create private and public key. Type in

```
$ ssh-keygen -b 2048
```

and hit the Return key.

```

tarokeio — ssh-keygen -b 2048 — 80x24
Taro-KEI0:~ tarokeio$ ssh-keygen -b 2048
Generating public/private rsa key pair.
Enter file in which to save the key (/Users/tarokeio/.ssh/id_rsa):

```

02

The next page will ask you where you want to save your keys. Hit the Return key. By default, keys are saved to "/Users/<your username>/.ssh/id_rsa."

```

tarokeio — ssh-keygen -b 2048 — 80x24
Taro-KEI0:~ tarokeio$ ssh-keygen -b 2048
Generating public/private rsa key pair.
Enter file in which to save the key (/Users/tarokeio/.ssh/id_rsa):
Created directory '/Users/tarokeio/.ssh'.
Enter passphrase (empty for no passphrase):

```

03

Next, you will be asked to create a passphrase for your private key. Type your passphrase twice. Be aware that the cursor will not move while the passphrase is being typed.

```

tarokeio — -bash — 80x24
Taro-KEI0:~ tarokeio$ ssh-keygen -b 2048
Generating public/private rsa key pair.
Enter file in which to save the key (/Users/tarokeio/.ssh/id_rsa):
Created directory '/Users/tarokeio/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /Users/tarokeio/.ssh/id_rsa.
Your public key has been saved in /Users/tarokeio/.ssh/id_rsa.pub.
The key fingerprint is:
SHA256:X3pM0d5Mun8uYFYMTxwAS+yR7fIXY91Qh/vcXh+zcgc tarokeio@Taro-KEI0.local
The key's randomart image is:
+--[RSA 2048]--+
|  .+  .o  |
| ..o . +. |
| o . . * o |
| S . o * o o + |
| . E * B + + = |
| oo = oo . B |
| .. . . o |
| . = o |
+-----[SHA256]-----+
Taro-KEI0:~ tarokeio$

```

04

Once you reach this page, you have finished generating your SSH keys.

```

Taro-KEIO:~ tarokeio$ ssh-keygen -b 2048
Generating public/private rsa key pair.
Enter file in which to save the key (/Users/tarokeio/.ssh/id_
Created directory '/Users/tarokeio/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /Users/tarokeio/.ssh/id_
Your public key has been saved in /Users/tarokeio/.ssh/id_rsa.
The key fingerprint is:
SHA256:X3pM0d5Mum8uYfYMTxwA5+yR7fIXY91Qh/vcXh+zcgc tarokeio@T
The key's randomart image is:
+----[RSA 2048]-----+
|
|.o+ .oo|
|..+o o.|
|..o . +.|
|o .,* o|
|S .o*oo*|
|.E*B+|=|
|oo=oo.B|
|..=.o|
|..o|
+----[SHA256]-----+
Taro-KEIO:~ tarokeio$ cat ~/.ssh/id_rsa.pub |pbcopy

```

05

Copy the public key to the clipboard. To copy to the clipboard, type this command.

```
$ cat ~/.ssh/id_rsa.pub | pbcopy
```

SFC-CNS Passwords

CNS login name	st7youth
CNS login password	*****
<input type="button" value="Login"/>	

Shonan Fujisawa ITC, Keio University

06

Before you can login using your new SSH key, you must first register it. Access the CNS SSH Public key page and login using your CNS login.

⇒ <https://itcsecure.sfc.keio.ac.jp/form/password/>

SFC-CNS Passwords

CNS Login Password	<h3>CNS SSH Key</h3> <p>登録済みの公開鍵の確認(Public key list)</p> <p><input type="button" value="Public key List"/></p> <p>キーペアの作成(Generate key pair)</p> <p>1. パスフレーズを入力してください(Enter passphrase) <input type="button" value="パスワードを暗号化するためのパスフレーズ"/></p> <p>2. 下のボタンをクリックしてください(Click this button)</p> <p><input type="button" value="Generate key pair"/></p> <p>作成済みの公開鍵の登録(Add public key)</p>
IMAP/SMTP-AUTH Password	
FTP Password	
Database Password	
CNS WIMAX Password	
CNS SSH Key	

07

Select ❶ "CNS SSH Key."

CNS Login Password	<input type="button" value="Logout"/>
IMAP/SMTP-AUTH Password	登録済みの公開鍵の確認(Public key list)
FTP Password	<input type="button" value="Public key List"/>
Database Password	キーペアの作成(Generate key pair)
CNS WIMAX Password	1. パスフレーズを入力してください(Enter passphrase) <input type="button" value="パスワードを暗号化するためのパスフレーズ"/>
CNS SSH Key	2. 下のボタンをクリックしてください(Click this button) <input type="button" value="Generate key pair"/>
	作成済みの公開鍵の登録(Add public key)
	<p>公開鍵を貼り付けてください(Paste your public key)</p> <pre>ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDAQ... ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDAQ... ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDAQ...</pre> <p>公開鍵を登録してください(Click this button)</p> <p><input type="button" value="Add Public key"/></p>

08

Paste your public key copied in STEP 05 in ❶ and click

❷ "Add Public Key."

Make sure there are no spaces after the key.

Antivirus 5

CNS Servers 6

FAQ 7

Appendix 8



09

If you have successfully registered your public key, you will see this page.



10

Open Terminal.app from the Applications folder.

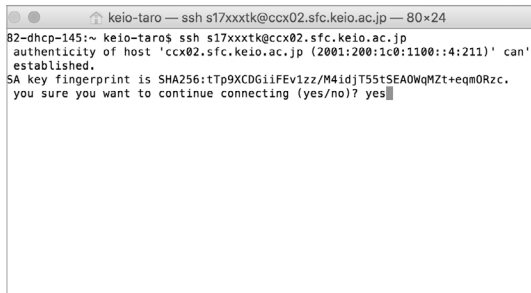
Type in

```
$ ssh [your CNS loginname]@[login server]
```

For example,

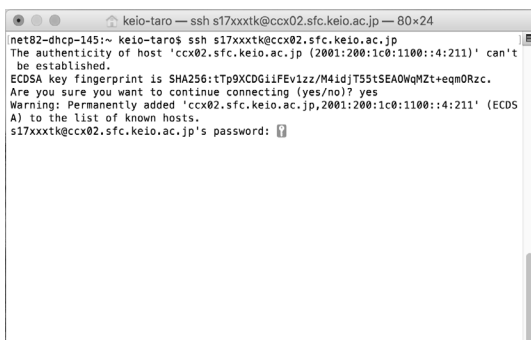
login name = s17xxxtk

login server = ccx02.sfc.keio.ac.jp



11

Type in "yes."



12

Type in your CNS login password.

If you see the "%" on the bottom of the command, you have successfully logged in.

3

Transferring Files to CNS from Your PC (Windows 10) with WinSCP



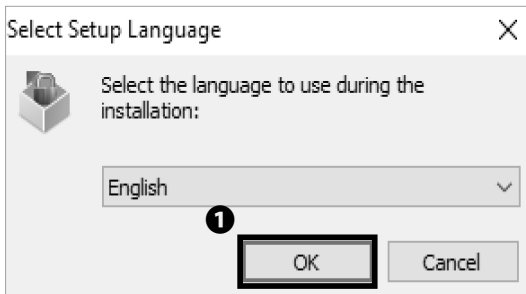
01

This section explains how to use the file transfer software "WinSCP."

Open a web browser and go to the URL:

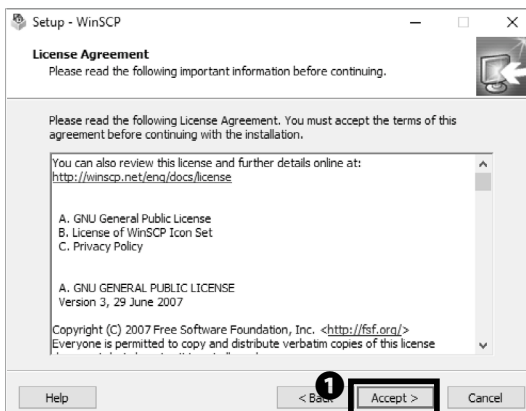
⇒ <https://winscp.net/eng/download.php>

Click **1** "Installation package."



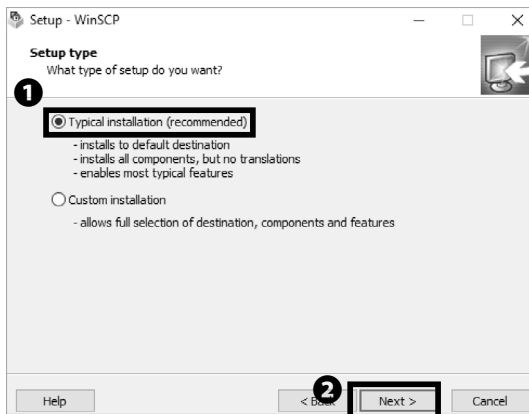
02

Open the file you just downloaded. Click **1** "OK."



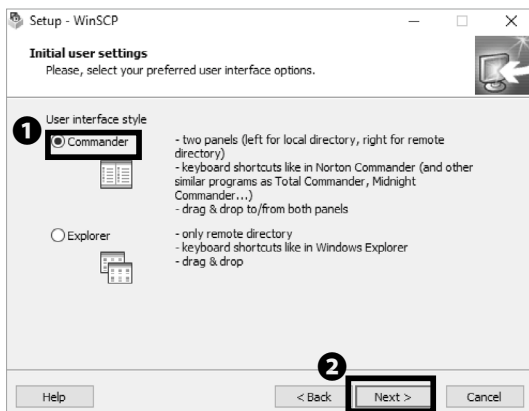
03

Read through the license agreement carefully. If you agree, click **1** "Accept>." If not, you may not use this software.



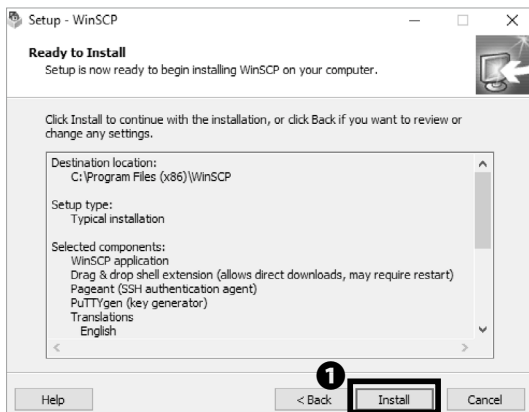
04

Make sure **1** "Typical Installation (recommended)" is selected. Then click **2** "Next >."



05

Next, select your preferred user interface style. "Commander interface style" will be used as an example for the instructions in this book. You can change the interface style after completing setup if you desire. Make sure that **1** "Commander" is selected. Then, click **2** "Next >."



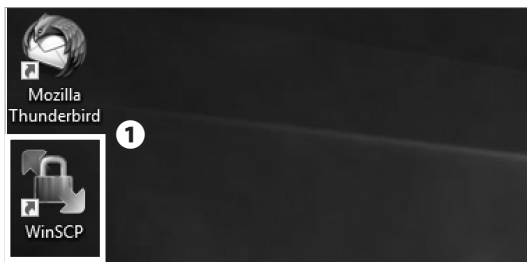
06

Click **1** "Install."



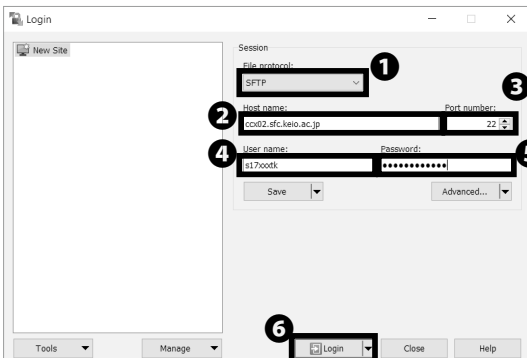
07

Installation for WinSCP is completed. Click **1** "Finish" and close the installation wizard.



08

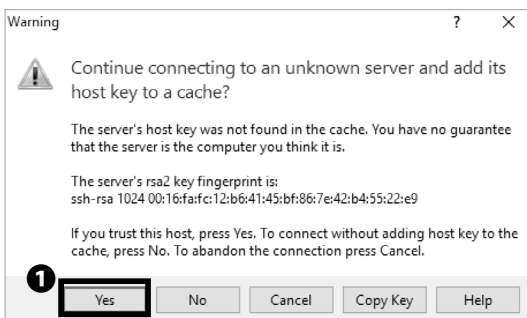
After installation, a shortcut to WinSCP is created on your desktop. Double click **1** "WinSCP" to launch.



09

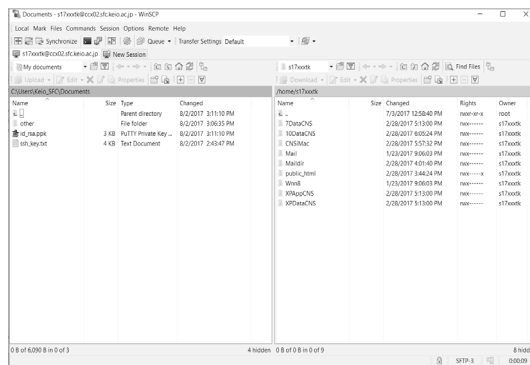
Select "SFTP" from **1** "File protocol" and type "ccx02.sfc.keio.ac.jp" in **2** "Host name", "22" in **3** "Port number", your CNS login name in **4** "User name" and your CNS password in **5** "Password".

Then click **6** "Login".



10

Click **1** "Yes."



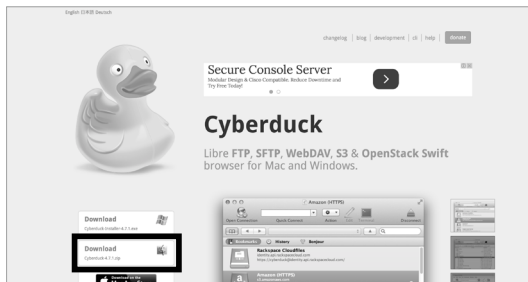
11

Transferring Files to CNS from Your PC (Windows 10) with WinSCP is completed. If connected properly, your screen should look like the image on the left.

Your local computer's files are shown on the left side, and the remote computer's files are shown on the right side of the screen. You can upload files easily by dragging and dropping from your local files to the remote file window.

4

Transferring Files to CNS from Your Mac (mac OS) with Cyberduck



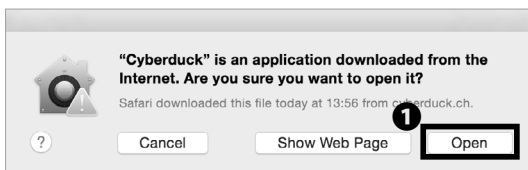
01

This section explains how to use the file transfer software “Cyberduck.”

Open a web browser and go to the following URL:

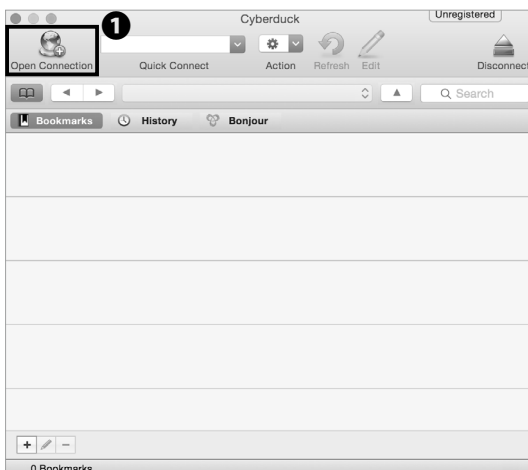
⇒ <http://cyberduck.io/>

Click ❶ “Download.”



02

Open the file you just downloaded and run the Cyberduck application. Click ❶ “Open” if you see the window shown on the left side.



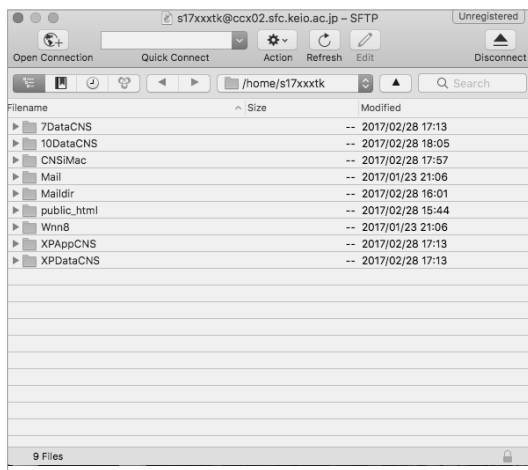
03

Click ❶ “Open Connection.”



04

Select "SFTP" from the ❶ list and type "ccx02.sfc.keio.ac.jp" in ❷ "Server", "22" in ❸ "Port", your CNS login name in ❹ "Username" and your CNS password in ❺ "Password". Then click ❻ "Connect".



05

Transferring Files to CNS from Your Mac (mac OS) with Cyberduck is completed. If connected properly, your screen should look like the image on the left.

In this screen, you can see your files stored on CNS. You can upload files easily by dragging and dropping local files onto the remote file screen.

5

Publishing Files on the Web

You can publish your files to the web by uploading them to the directory specified on the CNS servers ("public_html" under home directory) in three ways: from on-campus computers, by remotely accessing via the SSH, or with any file transfer software. Files in this directory will be made publicly accessible on the internet unless either of the following options are set:

- Limiting access with Basic Authentication or Digest Authentication
- No read, write, and execute permission on "other" class of files.

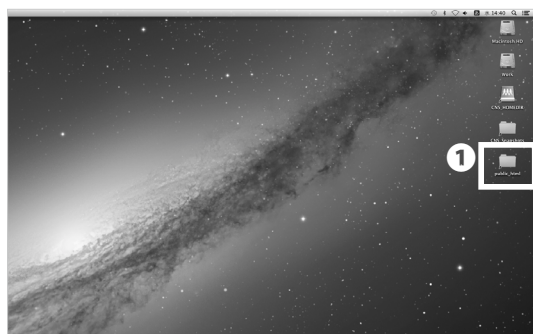
You can access files published from your public_html directory by visiting:

[http://web.sfc.keio.ac.jp/~\[your CNS login name \]/\[relative path from public_html to the file \]](http://web.sfc.keio.ac.jp/~[your CNS login name]/[relative path from public_html to the file])

If you need more details, please refer to 【p.122 : Correlation between URL and File Location.】

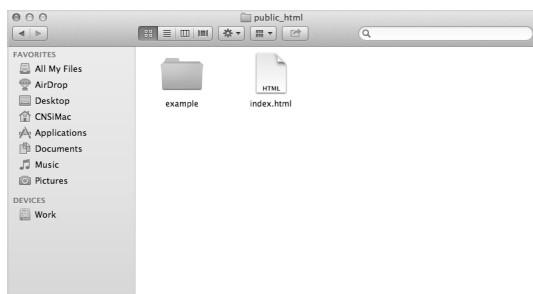
Instructions for publishing files from on-campus computers, using file transfer software on computers, and remotely accessing CNS via the CLI (Please refer to 【p.103 : Remote Access to CNS Servers】) will be given in this section.

Publishing Files on the Web from On-Campus Mac (mac OS)



01

Open ❶ "public_html" from the desktop.

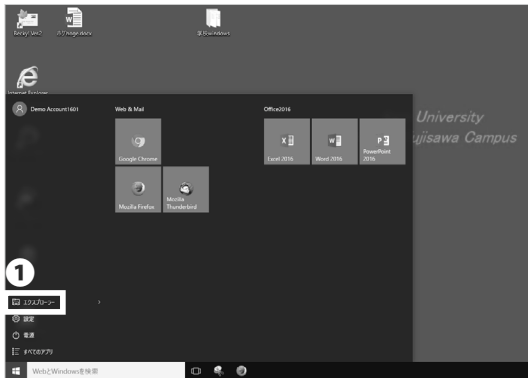


02

By dragging and dropping your files into the "public_html" directly, you can publish them to the web.

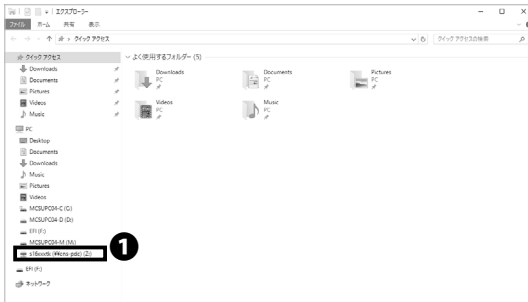
If you want to know the URL of the uploaded file, please refer to 【p.122 : Correlation between URL and File Location.】

Publishing Files on the Web from On-Campus PC (Windows 10)



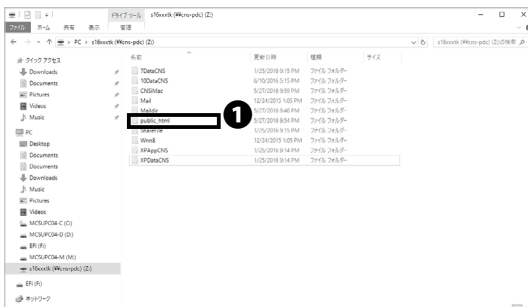
01

Click ❶ “Explorer” from the desktop.



02

Click ❶ “[your CNS login name](Z:)” under “Network Location.”

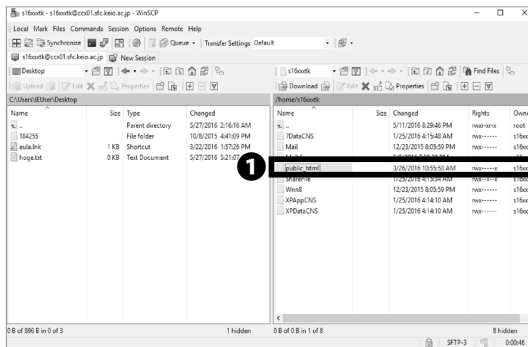


03

By dragging and dropping your files into ❶ “public_html,” you can publish them to the web.

If you want to know the URL of the uploaded file, please refer to 【p.122 : Correlation between URL and File Location.】

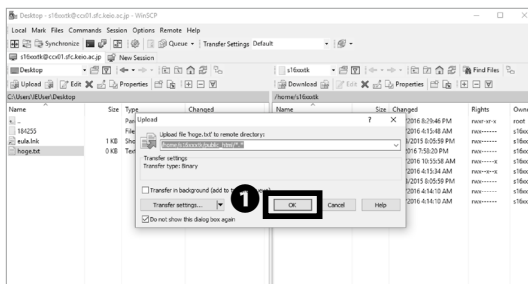
Publishing Files on the Web from Your PC with WinSCP (Windows 10)



01

Launch WinSCP and connect to your CNS home directory. Please refer to [\[p.113 : Transferring Files to CNS from Your PC \(Windows 10\) with WinSCP\]](#) for instructions to install WinSCP.

Drag and drop the file or the directory that you want to publish on the web from local files (on the left side) to **1** “public_html” directory (on the right side).

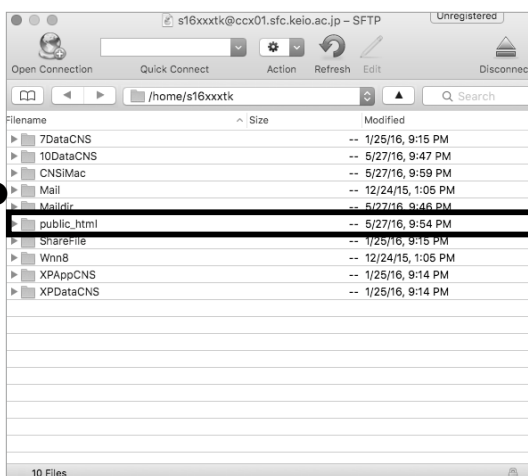


02

Click **1** “OK.”

Publishing Files on the Web from Your PC with WinSCP (Windows 10) is completed. If you want to know the URL of the uploaded file, please refer to [\[p.122 : Correlation between URL and File Location.\]](#)

Publishing Files on the Web from Your Mac with Cyberduck (mac OS)



01

Launch Cyberduck and connect to your CNS home directory. Please refer to [\[p.117 : Transferring Files to CNS from Your Mac \(mac OS\) with Cyberduck\]](#) for instructions to install Cyberduck.

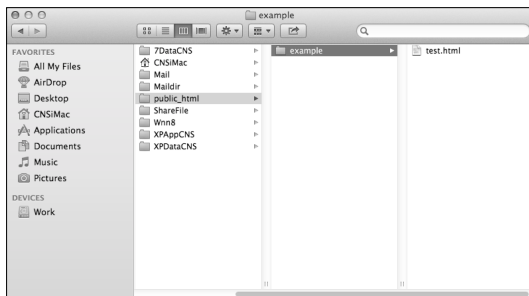
Drag and drop the file or the directory that you want to publish on the web from your computer to **1** “public_html” directory.

Publishing Files on the Web from Your Mac with Cyberduck (mac OS) is completed. If you want to know the URL of the uploaded file, please refer to [\[p.122 : Correlation between URL and File Location.\]](#)

Correlation between URL and File Location

Correspondence between the URL and the file being placed in “public_html” under home directory is as below. After uploading files, you can access the files on the web by launching a browser and typing the URL shown below:

[http://web.sfc.keio.ac.jp/~\[your CNS login name\]/\[relative path from public_html to the file\]](http://web.sfc.keio.ac.jp/~[your CNS login name]/[relative path from public_html to the file])



A relative path is a way to specify the location of a directory relative to the current directory.

For example, when there is a file “test.html” under the directory “example” that is located under the directory “public_html,” the relative path to “test.html” from “public_html” will be “example/test.html”.

01

When a user, who has a CNS login name “s17xxxtk,” makes a directory “example” under “public_html” that is located on home directory, then creates a file “test.html” in there, the directory structure should look like the image on the left.

02

When you access the files on the web, open a web browser and type the URL into ❶ “the address bar” to access. The format of the URL is as below:

⇒ **[http://web.sfc.keio.ac.jp/~\[your CNS login name\]/\[relative path from public_html to the file\]](http://web.sfc.keio.ac.jp/~[your CNS login name]/[relative path from public_html to the file])**

In this example, since the CNS login name is “s17xxxtk” and the relative path from public_html to the file is “example/test.html/”, the URL should be as follows:

<http://web.sfc.keio.ac.jp/~s17xxxtk/example/test.html>

If you cannot access the files on the web, please check the following:

- The file is placed under “public_html” in your home directory.
- The URL is typed correctly (Especially whether “~” is typed exactly before your CNS login name).

7

FAQ

How to Reset Account Passwords and Common Troubleshooting

Services that Require Pre-registration	124
CNS Services that Require Pre-registration	124
Software Licensing Center	125
How to Reset Account Passwords	126
Checking and Changing SFC-CNS Passwords	126
Changing Login Password of keio.jp Account	128
Have You Forgotten Your Password ?	129
Troubleshooting	130
Problems with Wireless LAN Connection	130
Problems with CNS Printers	130
Problems with Sending / Receiving Mail	131
Troubleshooting of On-Campus Macs	132
Quick Fix with CNS Tool	132
Unable to Launch Firefox or Thunderbird	133
Resetting Your CNS Personal Space	134
How to Check a PC's Operating System	135
SFC-CNS Technical Support Services	136

1

Services that Require Pre-registration

CNS Services that Require Pre-registration

Certain network resources require an application to use. Access the Applications page of Shonan Fujisawa ITC from the following URL:

⇒ http://www.sfc.itc.keio.ac.jp/en/application_sfc.html

Select the service you wish to use and download the corresponding application form. Fill in the required items and turn it in at the Shonan Fujisawa ITC counter. Some applications can be submitted online.

Services that require an application are listed below:

Name of Service	Eligible Users	Description
Registration for using P2P File Sharing Software	Students, Faculty and Staff	You can use file sharing software inside the university campus for research purposes.
Registration for CNS Mailing Lists	Faculty and Staff	You can create a mailing list for "Circle" activities (university clubs and societies) and lectures.
Registration for CNS Shared Workspaces	Faculty and Staff	You can use a shared workspace on CNS.
Registration for renting Remote Conference System	Faculty and Staff	You can use the video meeting system for having discussions with people from remote locations.
Registration for connecting devices to CNS	Full-time Faculty and Staff	You can connect devices to CNS with static hostnames and IP addresses.
Registration for Sub-Domains	Full-time Faculty and Staff	You can obtain sub-domains for laboratories.
Registration for Sub-Networks	Full-time Faculty and Staff	You can obtain sub-networks for laboratories.
Cloud Computing	Students, Faculty, and Staff	You can use VPS services.

Software Licensing Center

Site-Licensed software is software that Keio has purchased for faculty, staff, and/or students to use. Some software can be installed on your personal computer and used for research or educational purposes while a user is a student, faculty, or staff member at Keio. Some programs can be downloaded online; however, some programs must be installed by Shonan Fujisawa ITC after completing a paper application form. For the latest

information, please check the Site-Licensed Software detail/application page on the ITC website:

⇒ https://secure.itc.keio.ac.jp/c/a/sfc/en/software_license_sfc.html

As of September 2017, the following software is available:

Name of Software	Description	Eligible Users
JMP	Statistical Analysis	Student, Faculty, and Staff
Mathematica	Technical Calculation Software	Student, Faculty, and Staff
SAS	Statistical Analysis	Student, Faculty, and Staff
SPSS	Statistical Analysis and Data Mining	Student, Faculty, and Staff
Amos	Analysis of Covariance Structure Software	Student, Faculty, and Staff
Microsoft Software	Office, Windows OS (Upgraded)	Faculty and Staff
Becky! Internet Mail	Mail Client for Windows	Student, Faculty, and Staff
MATLAB	Math Analytics Program	Faculty and Staff
Chem Office Professional	Chemistry-Oriented Analytical Program	Student, Faculty, and Staff
ESET Smart Security / Cyber Security	Security Software	Student, Faculty, and Staff
ArcGIS	Geographical Information Analysis Software	Student, Faculty, and Staff
EndNote	To help manage documents and write papers	Tenured and Non-Tenured Faculty Members, Graduate Student
iThenticate	Plagiarism Detection Software	Tenured and Non-Tenured Faculty Members, Graduate Student
Nikkei NEEDS Financial Data Search System	Financial Data Search System	Student, Tenured and Non-Tenured Faculty Members
Nikkei NEEDS Stock Data Search System	Stock Data Search System	Student, Tenured and Non-Tenured Faculty Members
Adobe ELTA	Adobe enterprise term license agreement	Tenured and Non-Tenured Faculty Members
Adobe CLP	License program for Adobe products	Faculty and Staff

2

How to Reset Account Passwords

Checking and Changing SFC-CNS Passwords

01

Open a web browser and go to the following URL:

⇒ <http://itcsecure.sfc.keio.ac.jp/form/password/>

You can change the following passwords here:

- CNS Login Password
- IMAP/SMTP-AUTH Password
- IPP Password
- Web Database Password
- CNS WiMAX Password

Type your CNS login name in ❶ "CNS login name" and your CNS login password in ❷ "CNS login password." Then, click ❸ "Login."

If you have lost your current CNS login password, you must bring your student ID card or campus card to the "CNS/ERNS Service Counter" of Shonan Fujisawa ITC in order to reset your password. (Please refer to 【p.136 : SFC-CNS Technical Support Services.】)

02

You will see the list of passwords you can change on the left side menu ❶. Click the one you want to change.

SFC-CNS Passwords

CNS Login Password

IMAP/SMTP-AUTH Password

IPP Password

Database Password

CNS WiMAX Password

CNS Login Password

Logout

現在のパスワード
Current Password

新しいパスワード
New password

確認
Confirmation password

パスワードの強さ
The strength of password

Submit

新パスワードには以下の条件が必要です

03 Changing CNS Login Password

Type your current CNS login password in **1** "Current Password" and your new CNS login password in **2** • **3**. Then, click **4** "Submit" to save your changes.

SFC-CNS Passwords

CNS Login Password

IMAP/SMTP-AUTH Password

IPP Password

Database Password

CNS WiMAX Password

IMAP/SMTP-AUTH Password

Logout

新しいパスワード
New password

確認
Confirmation password

パスワードの強さ
The strength of password

Submit

新パスワードには以下の条件が必要です

- 10文字以上の長さ
- 小文字、大文字、数字を含むこと
- CNSログイン名と同じ文字列は使用しないでください

Requirements for new password

➤ Passwords must have 10 characters or more

04 Changing IMAP/SMTP-AUTH Password

Type your new IMAP/SMTP-AUTH password in **1** • **2** and click **3** "Submit." IMAP/SMTP-AUTH password must be longer than 10 letters, including lower and uppercase letters and numbers, and it must be different from your CNS login password.

SFC-CNS Passwords

CNS Login Password

IMAP/SMTP-AUTH Password

IPP Password

Database Password

CNS WiMAX Password

IPP Password

Logout

パスワードの確認
(Confirm password)

パスワードの作成/変更
(Create/Change password)

Confirm **1**

Create/Change

IPP印刷について (About IPP printing)

- 日本語
- English

05 Checking IPP Password

Click **1** "Confirm" to check IPP Password.

SFC-CNS Passwords

CNS Login Password

IMAP/SMTP-AUTH Password

IPP Password

Database Password

CNS WiMAX Password

Web DB Password

Logout

パスワードの確認
(Confirm password)

パスワードの作成/変更
(Create/Change password)

Confirm **1**

Create/Change

個人用 Webサービスについて (About Web Service)

- 日本語
- English

06 Checking Web Database Password

Click **1** "Confirm" to check your Web Database Password.

SFC-CNS Passwords

CNS Login Password

IMAP/SMTP-AUTH Password

IPP Password

Database Password

CNS WiMAX Password

CNS WiMAX用 パスワード

Logout

UQ WiMAX2+を利用するにはUQコミュニケーションズの契約が別途必要です

パスワードの作成/変更
(Create/Change password)

Create/Change **1**

UQ WiMAX 2+ について (About UQ WiMAX 2+ service)

- SFC-CNS利用者専用WiMAXサービスについて

07 Confirm CNS WiMAX Password

To change or confirm password for CNS WiMAX, click **1** "Create/Change."

A separate contract with UQ Communications is needed to use UQ WiMAX2+.

Changing Login Password of keio.jp Account

keio.jp
Keio University CALAMVS GLADIO FORTIOR

2014年11月11日よりkeio.jp の変更点があります。詳細
keio.jp renewal on November 11, 2014 [Detail](#)

ログイン対象/Log in to :
keio.jpポータル / keio.jp Portal ?

1 ID:
t.keio@keio.jp

2 Password:
.....

☐ ワンタイムパスワードを利用する/ Use One-Time Password

3 Login

[利用者ガイド \(User's Guide\)](#) [サポート \(Support Desk\)](#)
[ワンタイムパスワードについて \(About One-Time Password\)](#)

01

Open a web browser and go to the following URL:

⇒ <http://keio.jp/>

Type your keio.jp ID (or "[your CNS login name]@sfc.keio.ac.jp") in ❶ "ID" and your keio.jp password (or "your CNS login password") in ❷ "Password." Then, click ❸ "Login."

keio.jp
Keio University CALAMVS GLADIO FORTIOR

1 Change Each Password

Application Information

Information

Information of temporary suspension of service on Aug. 8 and 15.
All online services of Media Center will be unavailable.
Notice to Students Graduating in September, 2015

02

Click ❶ "Change Each Password" at the top of the page.

keio.jp
Keio University CALAMVS GLADIO FORTIOR

1 Password menu

keio.jp ITC Account

SFC-CNS Mail soft/Smartphone apps

Feature phone Keio Mail EX

03

Click ❶ "keio.jp."

keio.jp
Keio University CALAMVS GLADIO FORTIOR

How to decide a password

- Password length: Your password must contain 8-16 characters.
- Rules for password characters:
 - Lowercase letters (a-z)
 - Uppercase letters (A-Z)
 - Numbers (0-9)
 - Symbols (., _ , ! , ~ , @ , # , \$, % , ^ , * , + , = , ~) You can use the evade symbols only.

A password must contain at least 3 different types of characters, including letters.
Example : JuB2H5157n6

1 Current password

2 New password

3 Confirm password

4 OK

04

Type your current keio.jp password in ❶ "Current password" and your new keio.jp password in ❷ • ❸. Then, click ❹ "OK" to apply changes.

Have You Forgotten Your Password ?

If you have forgotten your CNS login password, you must bring your student ID to the CNS/ERNS Service Counter **【p.136 : SFC-CNS Technical Support Services】** to change your password.

If you have forgotten your IMAP/SMTP-AUTH password, please refer to **【p.126 : Checking and Changing SFC-CNS Passwords】** to set a new email password.

If you have forgotten your ID and/or password for keio.jp, please bring your student ID to the CNS/ERNS Service

Counter and fill out the appropriate form.

Starting on November 11, 2014, you can log in to keio.jp using your CNS account. Visit <http://keio.jp/> and type [CNS login name]@sfc.keio.ac.jp in "ID" and your CNS password in the password field.

COLUMN vol.3

Tips for Creating a Stronger, More Secure Passwords

Currently, you must make and remember passwords to protect your digital information. The steps below are designed to help you make more secure passwords.

Step 01: Decide the basic string for your password

Refrain from using your telephone number, name, birthday, or any other words that could be easily obtained by a third party. You should also refrain from using words available in a dictionary.

Step 02: Replace letters with special characters and numbers

Replacing letters with characters and numbers can strengthen the security of a password (e.g. word > w0rd, Internet > !nternet, queen > 9ueen)

Step 03: Do not use the same password more than once

Using the same password for multiple websites makes it easier for an attacker to steal your password and impersonate you. You should make a different passwords for each service you use. However, remembering several unique passwords can be difficult, so you may be able to combine existing passwords and use similar expressions to make new ones (e.g. w0rd > cw0rdns [CNS Password], !nternet > ma!nternetil [mail password].)

There are also several resources available online for generating stronger and more secure passwords.

3

Troubleshooting

Problems with Wireless LAN Connection01 **Check Your Physical Switch**

Your computer may have a physical switch for controlling wireless adapters. Please look for a Wi-Fi switch on your computer and access the system configuration on your computer to ensure that your wireless adapter is turned on.

02 **Reconfigure Wireless Network**

In some cases, your wireless network setting might not have been configured correctly. Please reconfigure the device; refer to **【p.15 : Wireless LAN.】**

Problems with CNS Printers01 **Check Wireless LAN Connectivity**

Printing requires internet connectivity; please check your network connectivity and try again.

02 **Check File Size of Printing Jobs**

Reduce the size of the file you are trying to print. If your file is too big, it may take a while to be sent to the CNS printers.

Changing file format may also help make the file smaller.

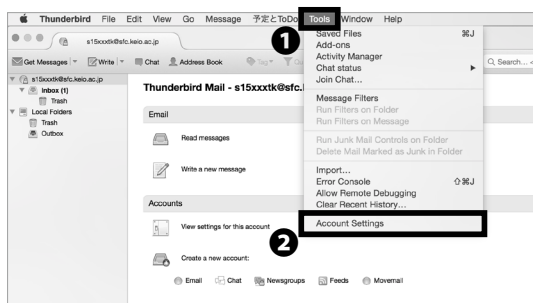
03 **Check Printer Status**

Occasionally, printers may show errors if they run out of toner or paper. If CNS printers display any errors, please contact Shonan Fujisawa Campus ITC or CNS Consultants immediately.

04 **Check Setting for Printers**

Your computer might not be properly configured if you are having problems with printing. Please setup the printer profile again by following the instructions on **【p.65 : CNS Printers.】**

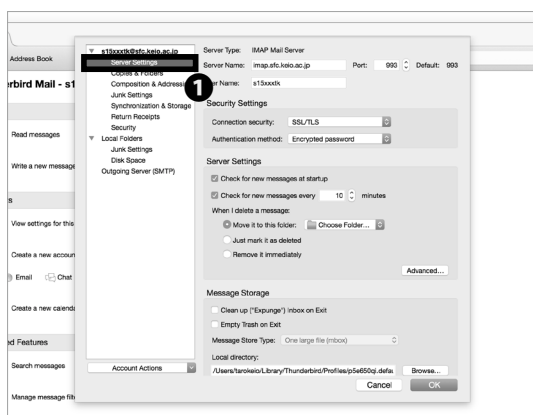
Problems with Sending / Receiving Mail



01

If you cannot send emails even though your sending and receiving email addresses are correct, your email client configuration might need to be fixed.

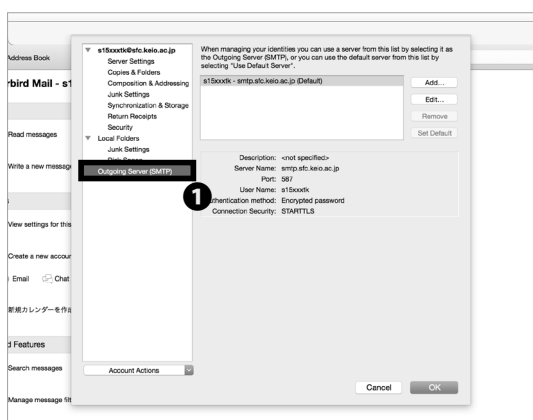
Please refer to 【p.41 : CNS Mail】 and setup your mail client again. To change the settings in Thunderbird, click **2** "Account Settings" from **1** "Tools."



02

Incoming Servers

Click **1** "Server Settings" to check the current setting of incoming servers.



03

Outgoing Servers

Click **1** "Outgoing Server (SMTP)" to check sending server settings.

Antivirus 5

CNS Servers 6

FAQ 7

Appendix 8

4

Troubleshooting of On-Campus Macs

Quick Fix with CNS Tool



01

The CNS Tool will help you change your CNS login password, reset all the configurations and file system of your personal CNS space, and delete any locked files.

You can open ② "CNS Tool" folder from ① "Application" folder in your dock.



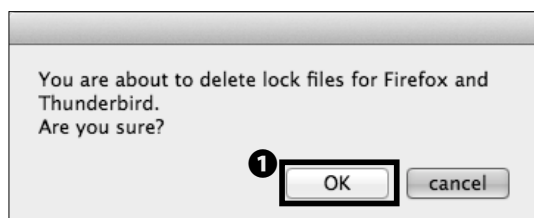
Unable to Launch Firefox or Thunderbird



01

If Firefox or Thunderbird cannot be launched and shows the error "already activating and cannot be launched", you can fix this problem with "Unlock Firefox Thunderbird.app."

Click **1** "Unlock Firefox Thunderbird.app" in the "CNS_Tool" folder.



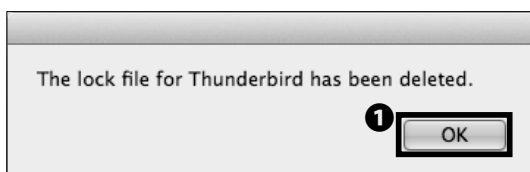
02

Click **1** "OK."



03

Click **1** "Firefox", **2** "Thunderbird", or **3** "Both."

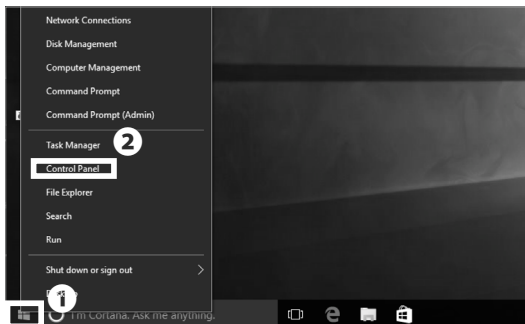


04

Click **1** "OK."

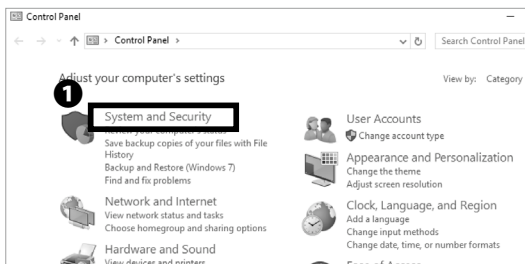
5

How to Check a PC's Operating System



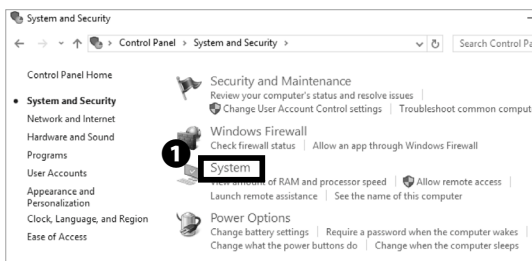
01

On the lower left corner of the desktop, right click **1** "Windows key" then click **2** "Control Panel."



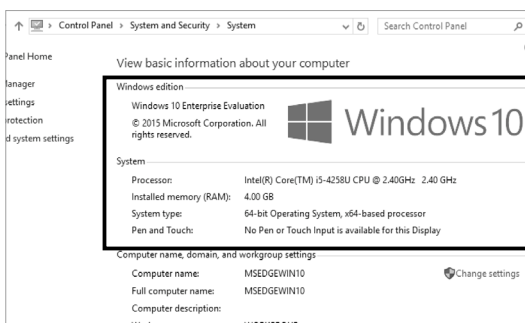
02

Click **1** "System and Security."



03

Click **1** "System."



04

You can check your computer configuration, such as Windows version, processor, installed memory (RAM), and system type (32-bit or 64-bit.)

Antivirus 5

CNS Servers 6

FAQ 7

Appendix 8

6

SFC-CNS Technical Support Services

Please send any questions you have about SFC-CNS to Shonan Fujisawa ITC or CNS Consultants. You can also check our website for further up-to-date information:

⇒ http://www.sfc.itc.keio.ac.jp/en/top_sfc.html

Shonan Fujisawa ITC (Information Technology Center)		
Location	Media Center North First Floor CNS/ERNS Service Desk	
E-mail Address	cns-request@sfc.keio.ac.jp	
Website	http://www.sfc.itc.keio.ac.jp/en/top_sfc.html	
Opening hours	9:15 - 17:00 (Saturdays, Sundays, public holidays, and holidays set by Keio are closed.)	
Hotline (Weekdays)	9:15 - 22:50 (Spring/Fall semester) 9:15 - 17:50 (Summer/Winter break period)	Tel. : 0466-49-3423 Extension : 52512
Hotline (Saturday)	9:15 - 18:50 (Spring/Fall semester) 9:15 - 15:50 (Summer/Winter break period) (Sundays, public holidays are closed.)	

CNS Consultant Desk	
Location	Media Center First Floor CNS Consultant Desk
E-mail Address	cns-consultant@sfc.keio.ac.jp
Tel.	0466-49-3425
Extension	52519
Websites	http://cnscon.sfc.keio.ac.jp/en/
Opening Hours	9:20 - 22:30 (Saturdays, Sundays, public holidays, and holidays set by Keio are closed.)

8

Appendix

Contact addresses in case you have any problems, list of equipment available for public use, and information about copy right.

Terms of Use	138
Other Support Services	139
Who are CNS Consultants ?	140
Rules of Using On-Campus Computers	141
List of Centers on Campus	142
Copyright Rules and Claims	144
Index	146

1

Terms of Use

To Users of CNS and ERNS

Shonan Fujisawa Campus

Shonan Fujisawa Campus - Campus Network System Terms of Service

The following rules shall be observed by all users of the Shonan Fujisawa Campus - Campus Network System (hereinafter referred to as "SFC-CNS").

- a. SFC-CNS users acknowledge that the SFC-CNS is a network for academic purposes.
- b. Individuals using the network for non-educational or non-research purposes, such as any examples listed below, may have their SFC-CNS accounts terminated or temporarily suspended. Users should understand that such termination or suspension could result in inability to earn course credits or other significant disadvantages.
- c. Profit making activities
- d. Actions or activities that violate public order and decency
- e. Actions or activities that invade the privacy of others
- f. Actions or activities that interfere with the normal operation of the network
- g. Actions or activities that infringe on copyrights or other intellectual property rights
- h. Actions or activities which could damage the reputation of Keio University
- i. Other actions or activities that violate laws and regulations or rules of Keio University
- j. Individuals found to be operating devices that could interfere with the normal operation of the network may have their access to SFC-CNS terminated.
- k. These rules may be revised at any time. Revised rules shall take precedence over previous versions.
- l. The Shonan Fujisawa Campus shall issue SFC-CNS accounts only to persons agreeing to abide by these rules.

Established: 3 September 2003

Enforced: 3 September 2003

Last-Modified: July 20, 2011

2

Other Support Services

Shonan Fujisawa ITC (Information Technology Center)	
Location	Media Center First Floor North CNS/ERNS Service Desk
E-mail Address	cns-request@sfc.keio.ac.jp
Tel.	0466-49-3423 <ext. 52512>
Website	http://www.sfc.itc.keio.ac.jp/en/top_sfc.html
Service Hours	9:15 - 17:00 (Closed on Saturdays, Sundays, public holidays, and holidays set by Keio.)

CNS Consultant Desk	
Location	Media Center First Floor CNS Consultant Desk
E-mail Address	cns-consultant@sfc.keio.ac.jp
Tel.	0466-49-3425 <ext. 52519>
Website	http://cnscon.sfc.keio.ac.jp/en/
Service Hours	9:20 - 22:30 (Closed on Saturdays, Sundays, public holidays, and holidays set by Keio.)

AV Consultant Desk	
Location	Media Center First Floor AV Consultant Desk
E-mail Address	av-staff@sfc.keio.ac.jp
Website	http://avcon.sfc.keio.ac.jp/web/ (Japanese only)
Service Hours	Regular Hours 9:15-22:30 (Until 18:30 [11:30-12:30 Lunch Break] on Saturdays) Shorter Hours 9:15-17:30 (Until 15:30 [11:30-12:30 Lunch Break] on Saturdays) (Closed on Sundays, public holidays, and holidays set by Keio.)

Database Consultant Desk	
Location	Media Center Second Floor Database Consultant Desk
E-mail Address	dbconsultant@sfc.keio.ac.jp
Service Hours	16:30 - 19:40 (Closed on Saturdays, Sundays, public holidays, and holidays set by Keio.)

Antivirus 5

CNS Servers 6

FAQ 7

Appendix 8

3

Who are CNS Consultants ?

01 **CNS Consultants**

The CNS Consultant Desk is a resource intended to provide students, faculty, and staff with information, technical support, and on-campus service regarding CNS. The purpose of the CNS Consultant Desk is to troubleshoot problems and loan out devices for temporary use (such as laptops and USB DVD drive readers).

Support Hours: 9:20 ~22:30 (weekdays only)

Location: First floor of the Media Center, near the AV Consultant Desk

In case of a natural disaster, event, or holiday, support hours may change. Please refer to the following URL for up-to-date information:

⇒ <http://cnscon.sfc.keio.ac.jp/en/>

For more information about the Media Center's operating hours, please refer to the following URL:

⇒ <http://www.sfc.lib.keio.ac.jp/eng/>

02 **Rules and Fines**

There are several rules and guidelines you must follow in

order to borrow equipment from the CNS Consultant Desk. These rules are the same regardless of the equipment type (Windows laptop, MacBook Pro, or DVD/Blu-ray Drive, Adapter, USB Charger) and also dictate penalties if you fail to return any equipment in good, working order.

Important notices for using loanable equipment:

- You must show your student ID in order to borrow equipment from the lending form. Obtain and complete an application form from the CNS Consultant Desk. A CNS Consultant will review the application form and rules with you. Please be sure to read the rules on the application form carefully.
- Loanable equipment must be returned by closing time on the day after you borrowed the equipment, unless the CNS Consultant Desk is not open the next day. For example, if you borrow a laptop on Monday, you must return it by closing time on Tuesday, but if you borrow a laptop on Friday, you must return it by closing time on Friday (since the CNS Consultant Desk is not open on Saturdays).
- If you fail to comply with any points of the loaning agreement, you may be restricted from borrowing equipment for up to six months or incur other penalties or restrictions.

Equipment for Rental	Model	Note
Laptop	TOSHIBA Dynabook Satellite B65/A	CD / DVD-ROM Readable CD / DVD-R / DVD-RW Writable
	Apple MacBook Pro Retina 15inch	N/A
External DVD Drive	BUFFALO BRXL-CSPI6U2	USB2.0 Compatible CD / DVD-ROM / BD Readable CD / DVD-R / DVD-RW / BD Writable
AC Adapter	85W MagSafe 2 Power Adapter (For Mac)	N/A
	700-NAC026 (For Windows)	
USB Charger	USB-C Charge Cable (For MacBook)	N/A
	USB-C Power Adapter (For Mac)	

4

Rules of Using On-Campus Computers

01 Introduction

You may not use CNS for inappropriate purposes and should respect other network users at all times. You must abide by the following rules and should refrain from abusing campus resources. For the full CNS terms of use, refer to 【p.138: Terms of Use.】

03 Fair Use

Because a limited number of computers are available for public use, the demand for equipment exceeds availability. You are asked to be respectful and sensitive to the needs of others at all times and limit your use during times of heavy demand.

02 Do Not Drink or Eat

Liquid and food can cause severe damage to computer equipment. No beverages and wet objects (with exception of bottled drinks) are allowed to be placed near computer equipment.

04 Log Out When Finished

Make sure to log out when you are finished. If you do not, a third party may exploit your account for illegal means and put the CNS network at risk.

COLUMN vol.4

What is “ 残留 ” (zanryu)?

Staying on campus overnight is referred to as “zanryu” in Japanese. Zantryu occurs from 23:00 to 8:00 the following morning. Many students lose track of time and may “accidentally” do zantryu during their college life at SFC. Zantryu must be done for academic purposes; any club activities may not be conducted overnight at SFC.

Some students frequently stay overnight and enjoy the vacant campus in the morning with the rising sun congratulating them for the hard work done the previous night.

Staying overnight may help you finish your work; however, it also has the potential to harm your health and wellbeing. As a college student, you are free to make your own decisions, but Keio does not recommend the act.

In order to stay overnight, you must submit an online application (through SFC SFS) or complete a paper form when a night watchman (zanryuojisan) asks you. The link to submit an application online is available at the top of each class page on SFC SFS; look for the button marked “Report for Overnight Stay” (オンライン残留届け).

5

List of Centers on Campus

01 Equipment at Media Center

Computers which have Audio/Visual equipments installed, allow you to make a copy of VHS and edit video materials. Service Hours are from 9:15 to 23:00 on weekdays, from 9:15 to 19:00 on Saturdays. On Sundays and National holidays, the center is closed. To enter into the Media Center, your Student ID card is required. You may refer to the website for further information:

⇒ <http://www.sfc.lib.keio.ac.jp/eng/>

02 Equipment at PC Rooms

PC Rooms are available to use 24 hours a day unless a lecture is conducted in the room. On New Years' holidays and summer holidays, the rooms will be closed. To enter into the room, your Student ID card is required. You have to submit a "Zanryu-Todoke" through the sfc-sfs website to stay overnight in the room.

Location		Use Type	Model/OS	Quantity	Host Name
Media Center	Open Area (First Floor)	Walk-by	HQ Compaq Pro 6300 (Windows 10)	1	mcsupc01
		Scanning	HQ Compaq Pro 6300 (Windows 10)	4	mcvspc01-04
		Video Editing	Mac Pro (OS X 10.11)	6	mchdmac01-06
			iMac 27 inch (OS X 10.11)	2	mchdmac80,81
		Music Composition	iMac 27 inch (OS X 10.11)	4	mcdamac01-04
		General Use	HP Z440 (Windows 10)	2	mcws01-02
			DELL PRECISION T1700 (Windows 10)	7	mcwin01-07
			iMac 27 inch (OS X 10.11)	4	mczmac01-04
			iMac 27 inch (OS X 10.11)	6	mcmac01-06
		Printer	RICOH IPSiO SP C831 PS	2	-
PC Rooms	Multimedia Multilingual Room (Second Floor)	General Use	Dell Precision 3420 (Windows 10)	2	mmllswpc01-02
	ITC Entrance	Printer	RICOH IPSiO SP C831 PS	3	-
	κ 18	General Use	iMac 21.5 inch (OS X 10.11)	40	zmac000-039
		Printer	RICOH IPSiO SP C831 PS	1	-
	ε 17	General Use	iMac 21.5 inch (OS X 10.11)	40	zmac040-079
		Printer	RICOH IPSiO SP C831 PS	1	-
	ι 18	General Use	iMac 21.5 inch (OS X 10.11)	40	zmac080-119
		Printer	RICOH IPSiO SP C831 PS	1	-
	ο 17	General Use	iMac 21.5 inch (OS X 10.11)	40	zmac120-159
		Printer	RICOH IPSiO SP C831 PS	1	-
	λ 11	CG/CAD/ Statistical analysis	HP Z440 Workstation (Windows 10)	45	ws00-44
			RICOH IPSiO SP C831 PS	2	-
	λ 18	Video Editing	iMac 27 inch (OS X 10.11)	40	hdmac00-39
			RICOH IPSiO SP C831 PS	1	-
	λ 21	Music Composing	iMac 27 inch (OS X 10.11)	40	damac00-39
			RICOH IPSiO SP C831 PS	1	-

(As of Sep. 2017)

COLUMN vol.5

About Keio ID and Keio Apps ID

Besides a CNS account for students and faculty members at SFC, a Keio ID will be distributed to all students and faculty members at Keio University. In the case when it is issued over, Keio ID should be formatted as follows. This will also apply to Keio Apps ID mentioned below.

[The character string you set in activation] @ keio.jp

By authenticating “keio.jp” with a Keio ID, you can use the various services provided by Keio University. For example, you can use licensed software and KOSMOS My Library, and browse a database, electronic journals, grade reports, and official information of class cancellations and make up classes.

Also, for those who have a Keio ID already, please login to keio.jp and check for your Keio Apps ID. Your Keio Apps ID should be formatted in default as follows (It is displayed on the upper right of the screen after “Keio Mail” is launched).

[your Keio ID] @ keio.jp

By using a Keio Apps ID, you can make better use of the services of G Suite for Education. These services will be usable in collaboration with other members; for example, “Drive,” “Group,” “Calendar,” etc. You can also use Gmail by using your Keio Apps ID as an e-mail address.

Keio Apps ID can be used as a Google account, which means that you can download apps and digital content in Google Play. It is, however, not recommended. If your Keio Apps ID expires after graduating while you’re using your Google account to pay for apps, your payment or settlement will be invalid. Keio University will not provide a guarantee against such a loss.

Antivirus 5

CNS Servers 6

FAQ 7

Appendix 8

6

Copyright Rules and Claims

01 Copyright

Redistributing someone else's copyrighted materials such as music, movies, and software without prior consent or legal agreement often results in infringement of copyrights. Those who have acted against the law will be disciplined by the University and face consequences.

02 Restriction on Use of P2P Softwares

University will not tolerate any act of sharing copyrighted materials over the CNS network in accordance with amendment of Japanese Copyright Law in 2012. For educational and research purposes, you may use P2P softwares if your registration form is given to and accepted by Shonan Fujisawa Campus.

For in-detailed information of "Use of File Sharing Software on Campus" and up-to-date information of peer-to-peer software regulation, visit:

⇒ http://www.sfc.itc.keio.ac.jp/en/software_fileshare.html

03 Plagiarism

Copyright is a legal right that a creator has, given by the country, on exclusive rights to use and distribution of their production. All the reports, submissions by students to professors or staff must be the result of one's creation of his or her own. You may not write words taken from others work as if these are originally your thoughts and are expected to clearly credit the source of the documents or references. Any of the following acts is to be considered as infringement of copyright.

- Imitating or using the thoughts and language of another creator.
- Distributing music or movie files of other creators to the general public online.
- Exposing the records of TV programs or video-taped clips without authorization of the creator.

Rules, policies and notices produced by the government and municipal bodies are not subjected to copyright as they are documents of the general public.

04 Citation

The copyrighted work of others can be used without permission in the form of a citation. To cite correctly, the following conditions must be satisfied.

- Source and the author's name are clearly stated
- Original text and the cited section can clearly be distinguished
- The cited work is necessary to prove your point
- Your work must not simply duplicate or restate the cited work
- The cited work is published

05 Use of Open Content

Out of all the works that are exchanged over the internet, there are some where the creators has left the work to be shared. This kind of work is called "Open Content," and can be used with comparatively few restrictions.

Creators who permit their work to be used freely are releasing a lot of open content. Amongst these works there are those being distributed under the kinds of shared use agreements that you will see in the following sections. Make the most of open content but be sure that you understand and follow the terms of use.

06 Copyright of This Book

SFC-CNS is made possible by tremendous helps from many free software, publicly available documents, and public domain software.

To fulfill social responsibility, SFC CNS GUIDE 2017 English Edition will accept the reuse, based on policy below.

We will accept copying, translation, altering, modifying, quoting, printing, distributing, and selling based on regulations about redistribution.

07 Regulations About Redistribution of This Book

Please refer to this book as source and also state that this book allows secondary modification when you redistribute.

Questions are only accepted on-campus and author will not reply to questions from third parties.

You may read the web version of this book from the URL below:

⇒ <http://cns-guide.sfc.keio.ac.jp/>

Index

A

Academic Affairs Web System (Gakuji – Web) . . .	10
Amos	125
Android	34, 57
ArcGIS	125
Antivirus Software	86
AV Consultant Desk	139

B

Becky! Internet Mail	125
--------------------------------	-----

C

ChemBioOffice	125
CNSiMac	102, 134
CNS Account	8
CNS Consultants	139
CNS Consultant Desk	139
CNS Mail Account	9
CNS Mailing Lists	124
CNS Login Password	127
CNS Login Name	8
CNS Tool	132
CNS Servers	101
CNS WiMAX Password	127
CNS3	40
Copyright Rules	144
Computer Virus	86
Cyberduck	117

D

Database Consultant Desk	139
------------------------------------	-----

E

EAP-PEAP Authentication	39
EndNote	39
ESET Smart Security	86, 123

F

Firefox	151
-------------------	-----

G

Gmail	143
-----------------	-----

H

Home Directory	42, 119
--------------------------	---------

I

IMAP	42
IMAP/SMTP-AUTH Password	9, 62, 124, 127
iOS	29, 52
IPP Password	127
ITC	8, 13, 66, 124, 139
iThenticate	125

J

JMP	125
---------------	-----

K

Keio Apps ID	141
keio.jp	11, 126, 127, 143
KOSMOS	12

M

Mail Forwarding	62
Mathmatica	125
MATLAB	125
Microsoft Softwares	125

P

Passwords	9, 124, 127
P2P File Sharing Software	124, 144
PC Rooms	66, 142
Personal Certificate	16
Printer	66, 130
Printing Charge	67
public_html (Public Web Directory)	119, 121, 122
PuTTY	104

R

Remote Access	103
Remote Conference System	124
Resetting Your CNS Personal Space	134

S

SAS	125
SFC-CNS	8
SFC-CNS Web Mail	42
SFC-SFS	10
SFC Global Campus	12
Shared Workspaces	124
Shonan Fujisawa Media Center	12, 66
SMTP	42
Software Licensing Center	125
Software Update	98, 100
Spam Filter	63
SPSS	125
SSH	102, 119
Sub-Domains	124
Sub-Networks	124
Syllabus	12

T

Terminal	107
Thunderbird	44, 48, 133
Transferring Files	113

V

VPN	13
-----------	----

W

Web Database Password.	127
WebVPN	13
Wellness (Physical Education) System	12
Windows Update	98
WinSCP	113
Wireless LAN	15, 130

Z

Zanryu	141
--------------	-----

Antivirus 5

CNS Servers 6

FAQ 7

Appendix 8

SFC CNS GUIDE 2017 English Edition

September 15, 2017 (Date of Issue)

SFC CNS GUIDE Editorial Committee

5322 Endo Fujisawa, Kanagawa 252-0882 Japan

Tel. +81-466-49-3424

cns-guide-req@sfc.keio.ac.jp

<http://cns-guide.sfc.keio.ac.jp/en/>

Printed by Dai Nippon Printing Co.,Ltd.

©2017 Keio University Shonan Fujisawa Information Technology Center

ISBN 978-4-906838-23-3