

# Getting started guide for logging in SQUID

We adopt 2-factor Authentication(2FA) for SQUID.

Unlike OCTOPUS and SX-ACE, All users must prepare some device for 2FA.

User ID and Password

Device for 2FA (Smartphone or PC)



# User ID and Password

## User ID

When your application is accepted, approval mail with User ID.  
If you forget User ID, please contact us(system@cmc.osaka-u.ac.jp).

## Password

If you forget Password, please initialize it from  
the following page:  
<https://portal.hpc.cmc.osaka-u.ac.jp/ouweb/>



# Setting a device for 2FA

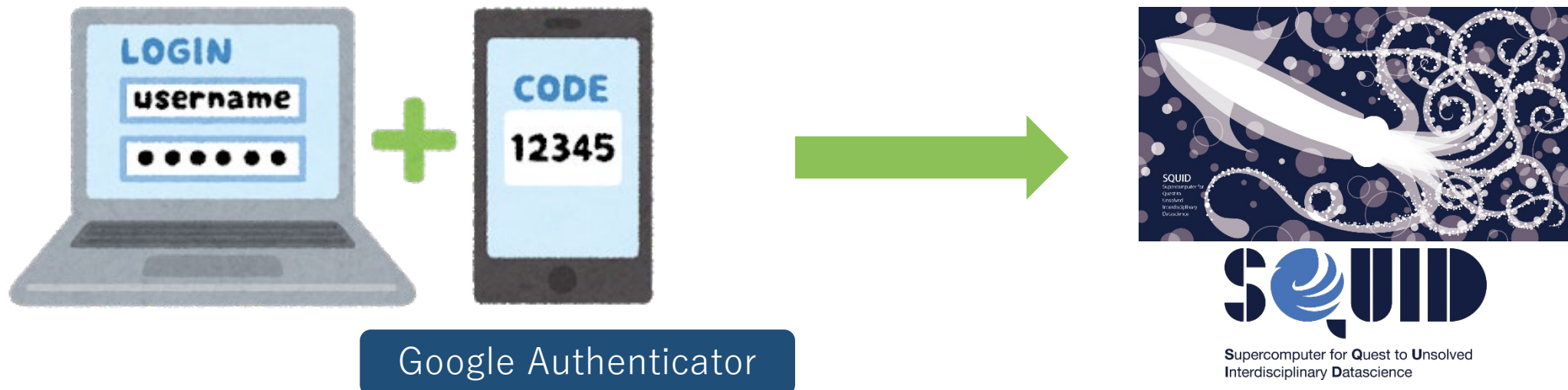
You can use your **smartphone** or **PC** as a device for 2FA.  
Please install any one of the following applications:

OS	Application	Distributor
Android	Google Authenticator	<a href="#">Google Play Store</a>
	Microsoft Authenticator	
iOS	Google Authenticator	<a href="#">Apple App Store</a>
	Microsoft Authenticator	
Windows	WinAuth	<a href="#">Github</a>
macOS	Step Two	<a href="#">Apple App Store</a>



# How to login SQUID

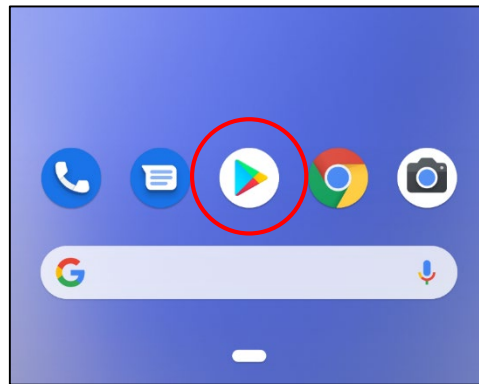
We introduce how to install **Google Authenticator** on a smartphone and how to log in SQUID from Windows PC from the next page.



# How to download Google Authenticator

## 1. Launch the app store on smartphone

for Android users: launch “Google Play”



for iPhone users: launch “App Store”

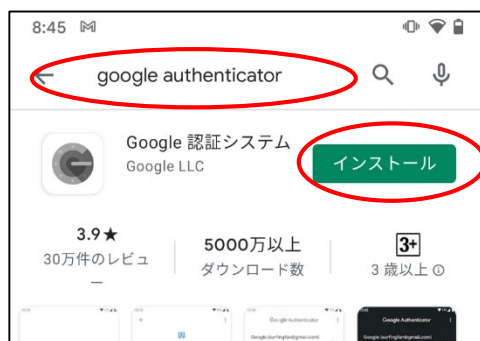


# How to download Google Authenticator

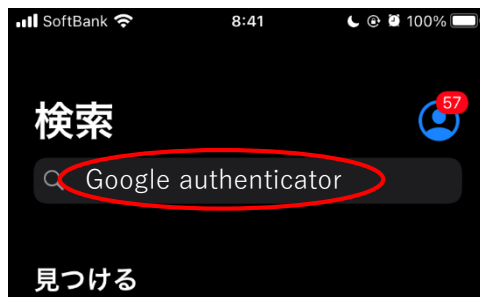
## 2. Install Google Authenticator

Search “Google Authenticator” and tap “install” button

for Android users

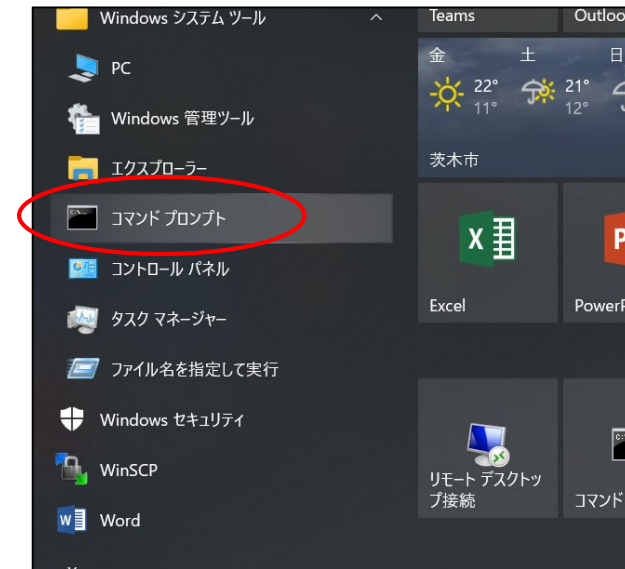
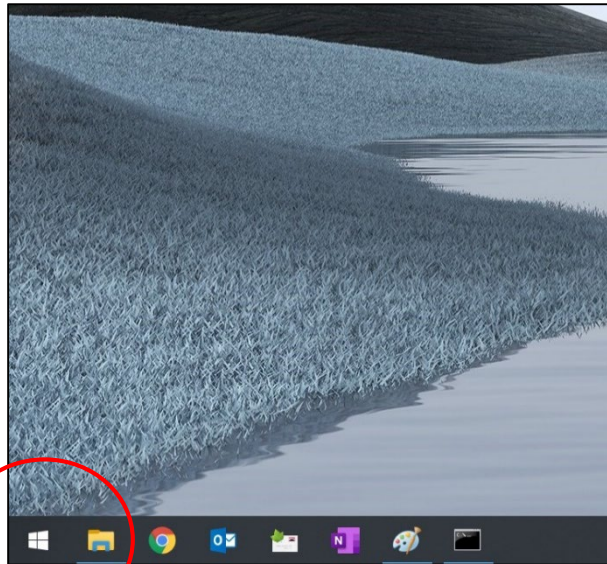


For iPhone users



# How to login SQUID

1. Launch “command prompt” on your Windows PC






# How to login SQUID

## 2. Connect SQUID with “ssh” command

If your User ID is “a12345”, please enter like the following

```
ssh a12345@squidhpc.hpc.cmc.osaka-u.ac.jp
```



```
C:¥Users¥Name>ssh a12345@squidhpc.hpc.cmc.osaka-u.ac.jp
The authenticity of host 'squidhpc.hpc.cmc.osaka-u.ac.jp (133.1.66.131)' can't be established.
ECDSA key fingerprint is SHA256:0nHwA74PmJlgOBH/JrYdFLswzp2fq8cpORnAaK7uoJA.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'squidhpc.hpc.cmc.osaka-u.ac.jp,133.1.66.131' (ECDSA) to the list of
known hosts.
Password: *****
```

Enter “yes”

Please enter your password



# How to login SQUID

3. Command prompt displays QR code. Please keep this code and proceed to the next page.

Initialize google-authenticator

Warning: pasting the following URL into your browser exposes the OTP secret to Google:

[https://www.google.com/chart?chs=200\\*200&chld=M|0&cht=qr&otpauth://totp/user1@squidhpc.hpc.cmc.osaka-u.ac.jp%3Fsecret%3DDXXXXXXXXCXI%26issuer%3Dsquidhpc.hpc.cmc.osaka-u.ac.jp](https://www.google.com/chart?chs=200*200&chld=M|0&cht=qr&otpauth://totp/user1@squidhpc.hpc.cmc.osaka-u.ac.jp%3Fsecret%3DDXXXXXXXXCXI%26issuer%3Dsquidhpc.hpc.cmc.osaka-u.ac.jp)



Your new secret key is: XXXXXXXXXXXX

Enter code from app (-1 to skip): -1

Code confirmation skipped

Your emergency scratch codes are:

\* If your QR code collapsed or was removed, please access this URL.



# How to set 2FA

## 1. Launch Google Authenticator on your smartphone



# How to set 2FA

## 2. Scan a QR code on command prompt



アカウントの追加

次のいずれかの方法を選択してアカウントを追加できます。

バーコードをスキャン

提供されたキーを入力

Initialize google-authenticator

Warning: pasting the following URL into your browser exposes the OTP secret to Google:

[https://www.google.com/chart?chs=200\\*200&chld=M|0&cht=qr&otpauth://totp/user1@squidhpc.hpc.cmc.osaka-u.ac.jp%3Fsecret%3DDXXXXXXXXXCLI%26issuer%3Dsquidhpc.hpc.cmc.osaka-u.ac.jp](https://www.google.com/chart?chs=200*200&chld=M|0&cht=qr&otpauth://totp/user1@squidhpc.hpc.cmc.osaka-u.ac.jp%3Fsecret%3DDXXXXXXXXXCLI%26issuer%3Dsquidhpc.hpc.cmc.osaka-u.ac.jp)



Your new secret key is: XXXXXXXXXXXX

Enter code from app (-1 to skip): -1

Code confirmation skipped

Your emergency scratch codes are:



# How to set 2FA

If you can not scan QR code, please input a number code as “your new secret key”



Initialize google-authenticator

Warning: pasting the following URL into your browser exposes the OTP secret to Google:

[https://www.google.com/chart?chs=200\\*200&chld=M|0&cht=qr&otpauth://totp/user1@squidhpc.hpc.cmc.osaka-u.ac.jp%3Fsecret%3DDXXXXXXXXXCLI%26issuer%3Dsquidhpc.hpc.cmc.osaka-u.ac.jp](https://www.google.com/chart?chs=200*200&chld=M|0&cht=qr&otpauth://totp/user1@squidhpc.hpc.cmc.osaka-u.ac.jp%3Fsecret%3DDXXXXXXXXXCLI%26issuer%3Dsquidhpc.hpc.cmc.osaka-u.ac.jp)



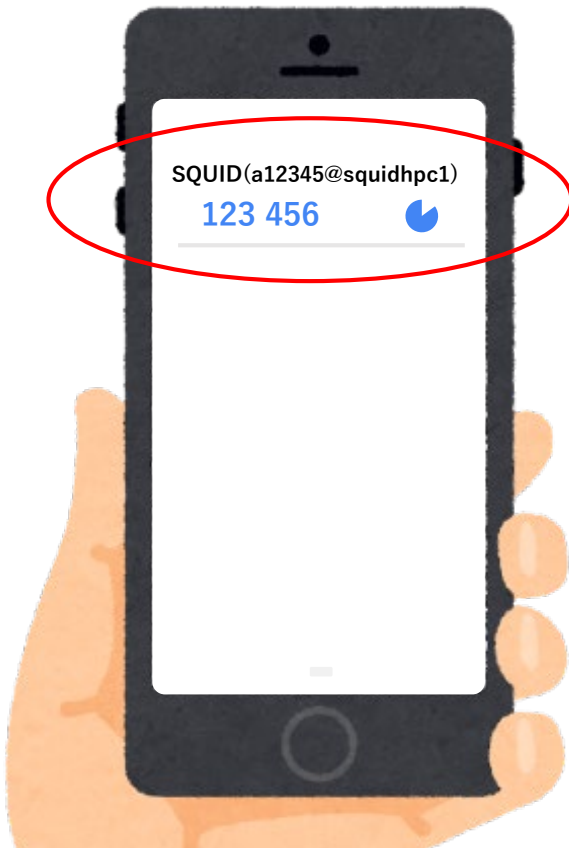
Your new secret key is: XXXXXXXXXXXX

Enter code from app (-1 to skip): -1  
Code confirmation skipped  
Your emergency scratch codes are:




# How to set 2FA

3. You can get One-time password



# Initial setting is finished

Enter as the following on command prompt. Initial setting is finished on this page.



```
Your new secret key is: XXXXXXXXXXXX  
Enter code from app (-1 to skip): -1
```

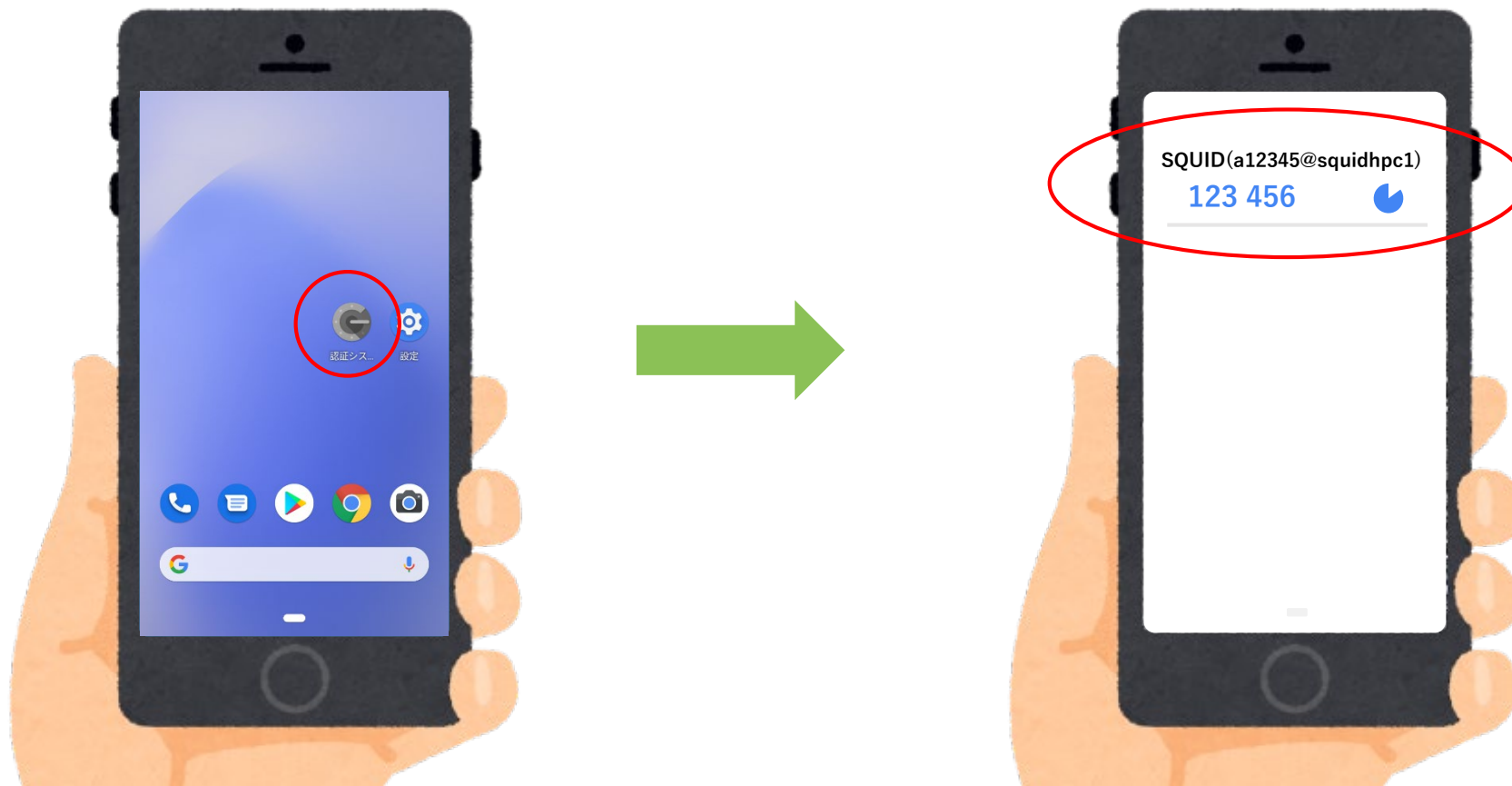
Enter "-1"

```
Code confirmation skipped  
Your emergency scratch codes are:  
ok? Hit enter: (Enter key)
```

Push "Enter key" and you automatically log out SQUID

# Check One-time password

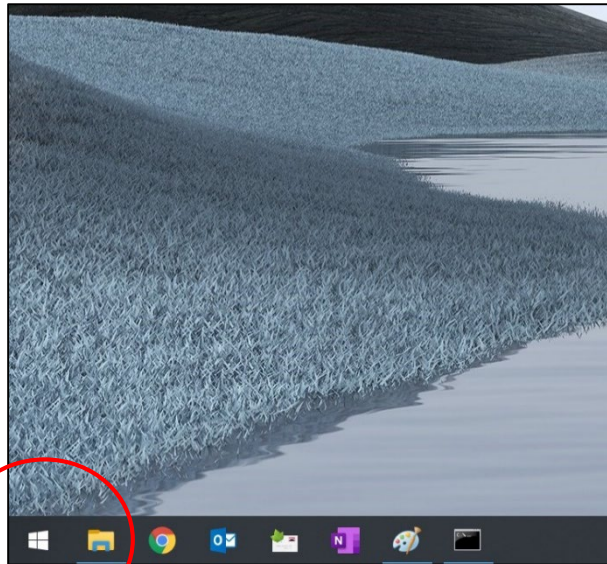
Launch Google Authenticator on a smartphone. Check 6 digits number as a one-time password for SQUID.





# How to login SQUID

1. Launch “command prompt” on your Windows PC




# How to SQUID

## 2. Connect SQUID with “ssh” command

If your User ID is “a12345”, please enter like the following

```
ssh a12345@squidhpc.hpc.cmc.osaka-u.ac.jp
```



```
C:¥Users¥Name>ssh a12345@squidhpc.hpc.cmc.osaka-u.ac.jp
The authenticity of host 'squidhpc.hpc.cmc.osaka-u.ac.jp (133.1.66.131)' can't be established.
ECDSA key fingerprint is SHA256:0nHwA74PmJlgOBH/JrYdFLswzp2fq8cpORnAaK7uoJA.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'squidhpc.hpc.cmc.osaka-u.ac.jp,133.1.66.131' (ECDSA) to the list of
known hosts.
Password: *****
```

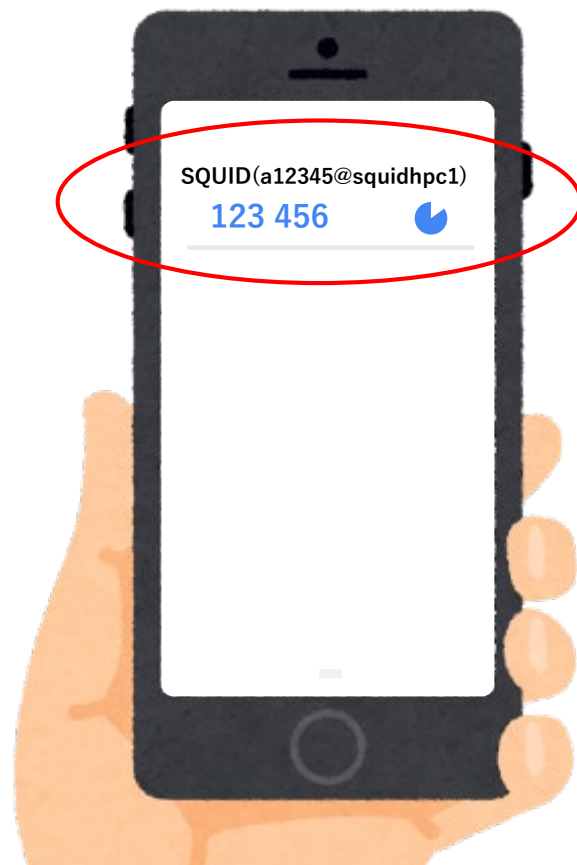
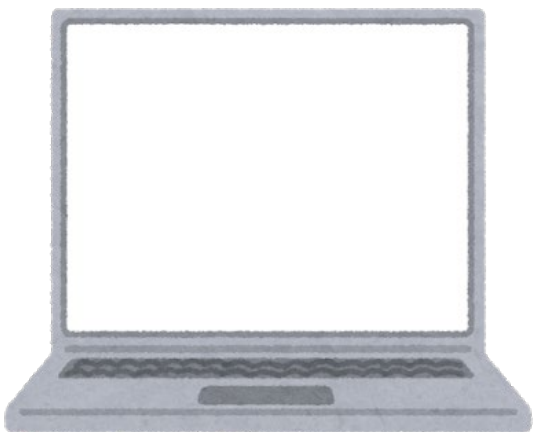
Enter “yes”

Please enter your password

# How to login SQUID

3. Enter 6 digits number of smartphone as verification code

Verification code: 123456



# How to login SQUID

## 4. Finished logging in SQUID

This system is not registered to Red Hat Insights. See  
<https://cloud.redhat.com/>  
To register this system, run: `insights-client --register`

Last login: Fri Apr 30 09:28:04 2021 from 133.1.4.111  
[a12345@squidhpc1 ~]\$



If you have some problem

**Please contact the following:**

**HPC team, Cybermedia center  
Osaka University  
system@cmc.osaka-u.ac.jp**

**Inquiry WEB form  
[http://www.hpc.cmc.osaka-u.ac.jp/en/support/contact/auto\\_form/](http://www.hpc.cmc.osaka-u.ac.jp/en/support/contact/auto_form/)**