

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

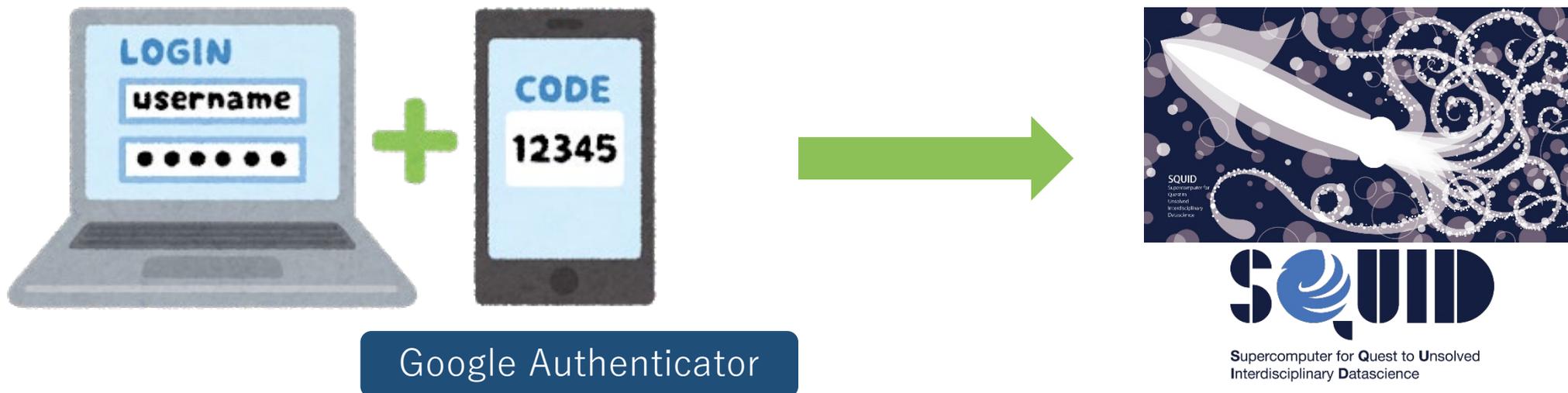
You can use your **smartphone** or **PC** as a device for 2FA.
Please install any one of the following applications:

| OS | Application | Distributor |
|---------|---|-----------------------------------|
| Android | Google Authenticator Microsoft Authenticator | Google Play Store |
| iOS | Google Authenticator Microsoft Authenticator | Apple App Store |
| Windows | WinAuth | Github |
| macOS | Step Two | Apple App Store |



How to login SQUID

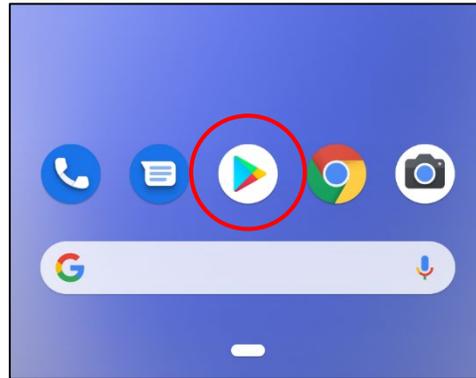
We introduce how to install **Google Authenticator** on a smartphone and how to log in SQUID from Windows PC from the next page.



How to download Google Authenticator

1. Launch the app store on smartphone

for Android users: launch “Google Play”



for iPhone users: launch “App Store”

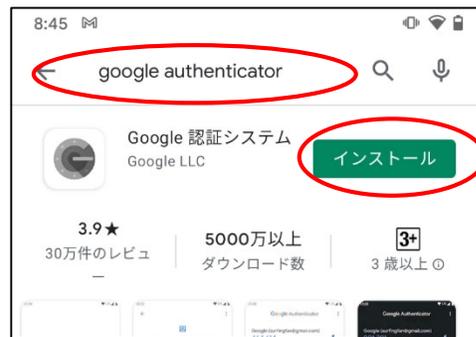


How to download Google Authenticator

2. Install Google Authenticator

Search “Google Authenticator” and tap “install” button

for Android users

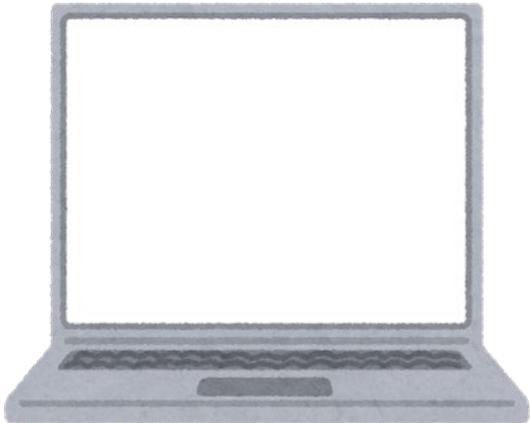
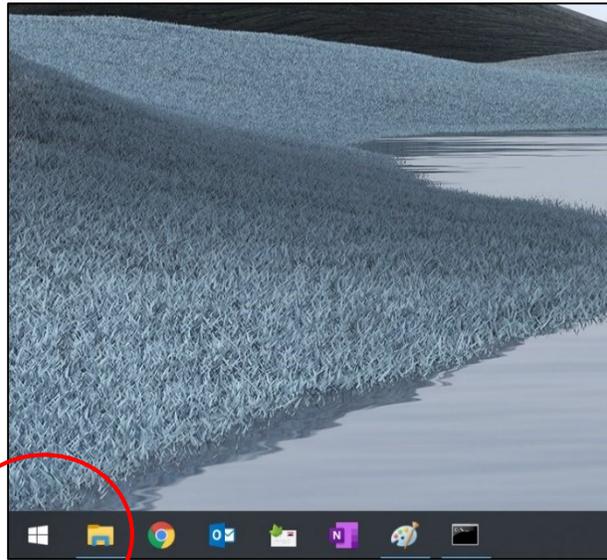


For iPhone users



How to login SQUID

1. Launch “command prompt” on your Windows PC

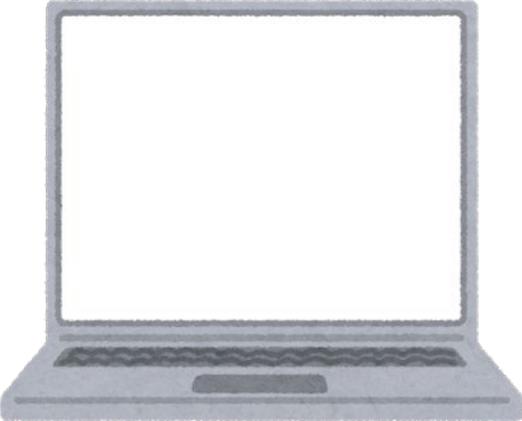


How to login SQUID

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|O&
ht=qr&otpauth://totp/user1@squidhpc.hpc.cmc.osaka-
u.ac.jp%3Fsecret%3DDXXXXXXXXCXI%26issuer%3Dsquidh
pc.hpc.cmc.osaka-u.ac.jp

Your new secret key is: XXXXXXXXXXXX

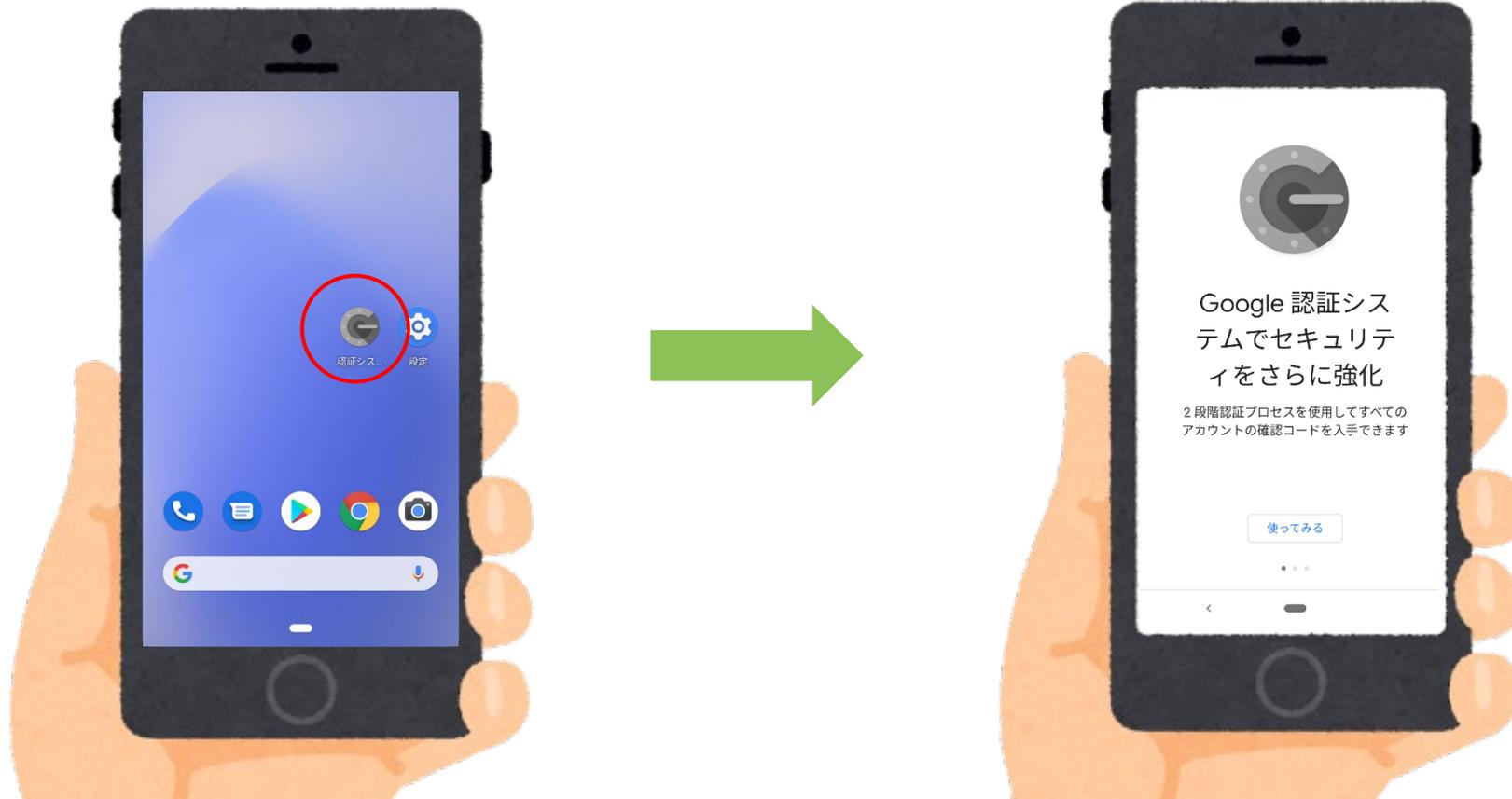
Enter code from app (-1 to skip): -1
Code confirmation skipped
Your emergency scratch codes are:
```

* 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



```
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
```



```
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&chId=Ml0&cht=qr&otpauth://totp/user1@squidhpc.hpc.cmc.osaka-u.ac.jp%3Fsecret%3DDXXXXXXXXXCLI%26issuer%3Dsquidhpc.hpc.cmc.osaka-u.ac.jp



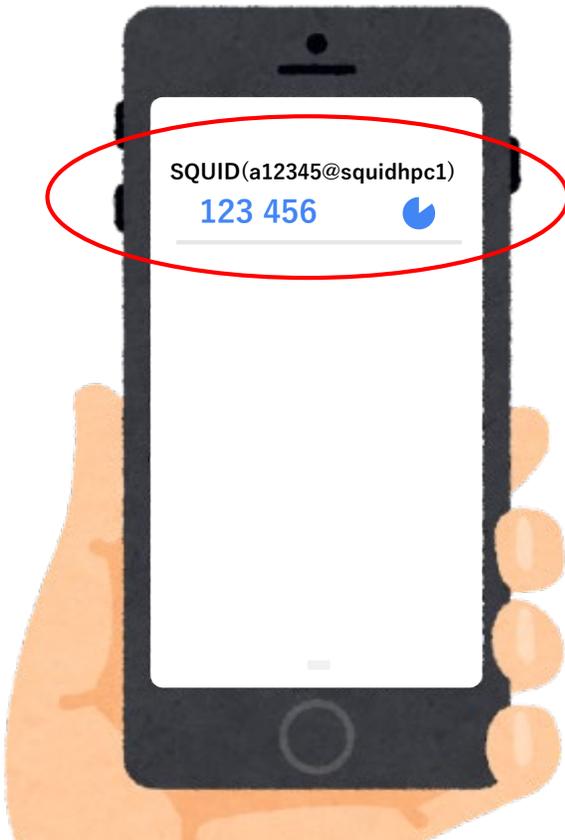
Your new secret key is: XXXXXXXXXXXX

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



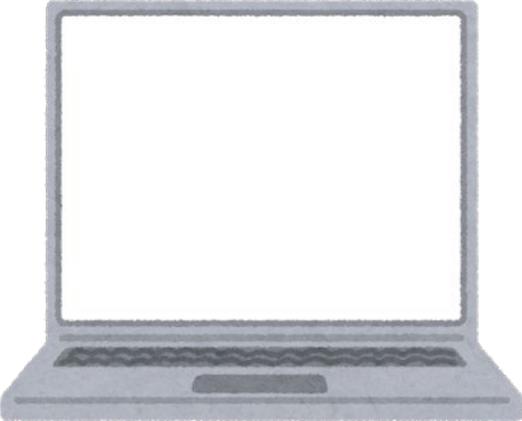
How to set 2FA

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

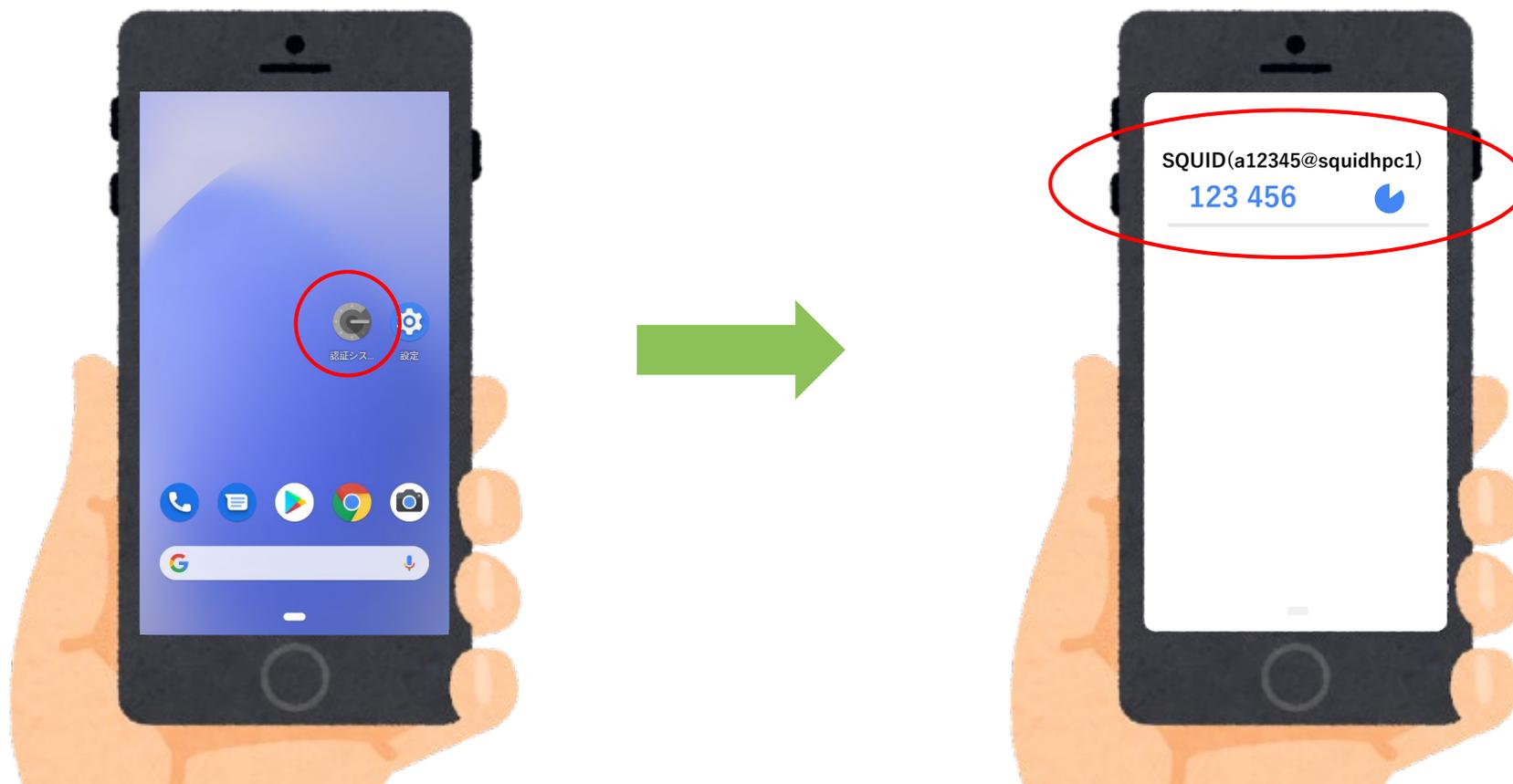
Enter "-1"

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

Push "Enter key" and you automatically log out SQUID

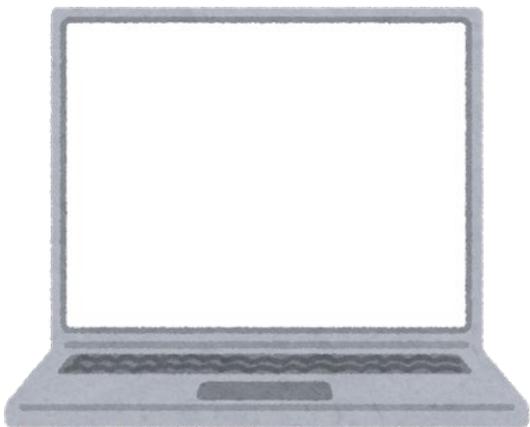
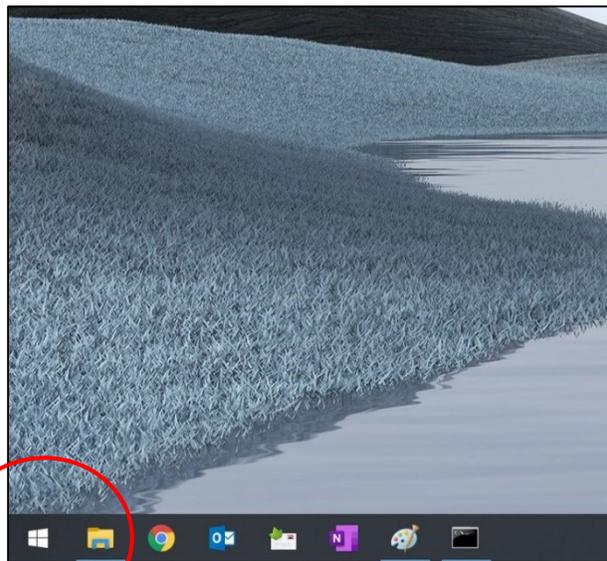
Check One-time password

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

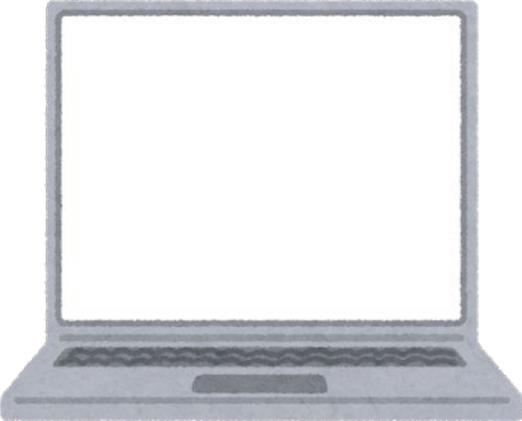


How to SQUID

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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: *****
```

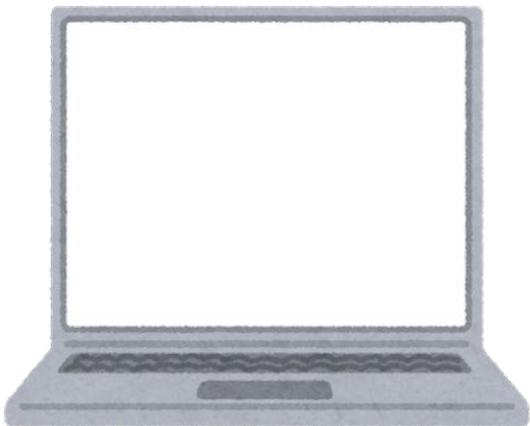
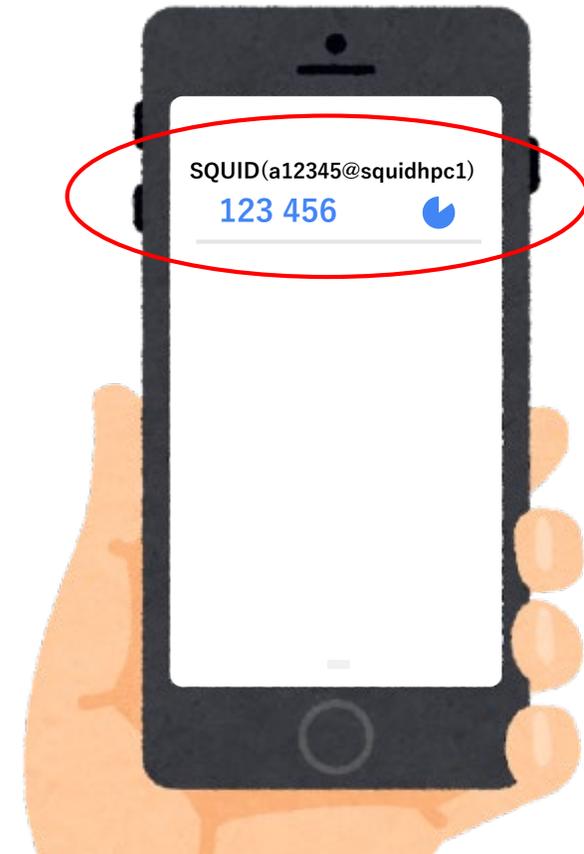
Enter “yes”

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/**