



東京大学  
THE UNIVERSITY OF TOKYO



東京大学情報基盤センター  
INFORMATION TECHNOLOGY CENTER, THE UNIVERSITY OF TOKYO

# Wisteria/BDEC-01 (Odyssey)

## How to login

Information Technology Center  
The University of Tokyo

If you have any questions, please contact Kengo  
Nakajima at [nakajima\(at\)cc.u-tokyo.ac.jp](mailto:nakajima(at)cc.u-tokyo.ac.jp)  
Please DO NOT contact official support site

# Before Accessing Odyssey ...

- **Please make sure that:**
  - the OS of your PC is the most updated version
  - proper anti-virus software with the most updated version is installed to your PC

- Supercomputers in ITC/U.Tokyo
  - Information Technology Center, The University of Tokyo
- Login to Odyssey
- After Login

- Supercomputers in ITC/U.Tokyo
  - Information Technology Center, The University of Tokyo
- **Login to Odyssey**
- After Login

# Login to Odyssey

- SSH Public Key Authentication (SSH公開鍵認証, SSH=Secure Shell): Safer than Password Authentication
- Procedures
  - **Windows: WSL, Cygwin, Mac: Unix: Terminal**
  - ① Creating Keys (Private Key, Public Key) on PC
    - **Passphrase**: Password for SSH Public Key Authentication
    - **“Empty Passphrase” is prohibited**
    - If you have already created keys on your PC before, you can skip ① (Please make sure it is with “passphrase”)
  - ② Accessing the Portal Site
    - **User ID (t18XYZ)** and **“Initial Password with 8-Characters”** (Info-1/Info-2)
    - You are requested to change **Password** after accessing the portal site
      - Several rules for number of characters, combinations etc.
  - ③ Registration of the Public Key through the Portal Site
    - ② and ③ are essential, even if you have already had UID's on Odyssey
  - ④ Login to Odyssey by ssh

# ① Creating Keys on PC (1/3)

```
$ ssh-keygen -t rsa
```

Generating public/private rsa key pair.

Enter file in which to save the key (/home/user/.ssh/id\_rsa):

<Return↓>

Enter passphrase (empty for no passphrase): **Your Favorite Passphrase**

<Return↓>

Enter same passphrase again: **Same Passphrase**

<Return↓>

Your identification has been saved in /home/user/.ssh/id\_rsa.

Your public key has been saved in /home/user/.ssh/id\_rsa.pub.

The key fingerprint is:

SHA256:vt880+PTcscHk0yabvxGjeRsMWLAWds+ENsDcReNwKo nakajima@KNs-NEW-VAIO

The key's randomart image is:

```
+---[RSA 2048]-----+
|
| . o=oo. o+
| + 0. . . .
| . +o+.
| . +oB.
| So *o*
| . E B. o
| . . = . o
| . =oB o +
| . +o+*0 . .
|
+---[SHA256]-----+
```

## Procedures

- **ssh-keygen -t rsa <Return↓>**
- **<Return↓>**
- **Your Favorite Passphrase <Return↓>**
- **Same Passphrase <Return↓>**
- **“Empty Passphrase” is prohibited**

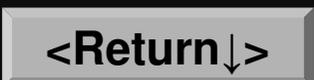
# ① Creating Keys on PC (1/3)

```
$ ssh-keygen -t rsa
```

Generating public/private rsa key pair.

Enter file in which to save the key (/home/user/.ssh/id\_rsa): 

Enter passphrase (empty for no passphrase): **Your Favorite Passphrase** 

Enter same passphrase again: **Same Passphrase** 

Your identification has been saved in /home/user/.ssh/id\_rsa.  
Your public key has been saved in /home/user/.ssh/id\_rsa.pub.

The key fingerprint is:

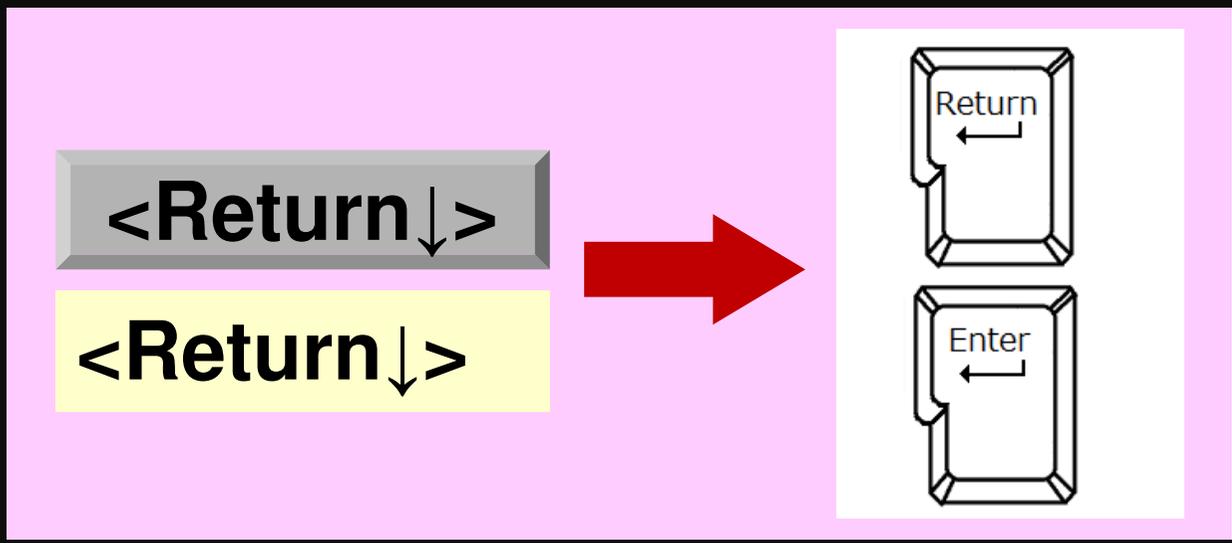
SHA256:vt880+PTcscHk0yabvxGjeRsMWLAWds+ENsDcReNwKo nakajima@KNs-NEW-VAIO

The key's randomart image is:

```

+---[RSA 2048]-----+
|
| . o=oo. o+
| + 0. . . .
| . +o+.
| . +oB.
| So *o*
| . E B. o
| . . = . o
| . =oB o +
| . +o+*0 . .
|
+---[SHA256]-----+

```



# ① Creating Keys on PC (1/3)

```
$ ssh-keygen -t rsa
```

Generating public/private rsa key pair.

Enter file in which to save the key (/home/user/.ssh/id\_rsa):

<Return↓>

Enter passphrase (empty for no passphrase): **Your Favorite Passphrase**

<Return↓>

Enter same passphrase again: **Same Passphrase**

<Return↓>

Your identification has been saved in /home/user/.ssh/id\_rsa.

Your public key has been saved in /home/user/.ssh/id\_rsa.pub.

The key fingerprint is:

SHA256:vt880+PTcscHk0yabvxGjeRsMWLAWds+ENsDcReNwKo nakajima@KNs-NEW-VAIO

The key's randomart image is:

```
+---[RSA 2048]---+
|                |
| . o=oo. o+     |
| + 0. . . .    |
| . +o+         |
| . +oB         |
| So *o*        |
| . E   B. o     |
| . . = . o     |
| . =oB o +     |
| . +o+*0 . .   |
|                |
+---[SHA256]---+
```

## Procedures

- **ssh-keygen -t rsa <Return↓>**
- **<Return↓>**
- **Your Favorite Passphrase <Return↓>**
- **Same Passphrase <Return↓>**
- **“Empty Passphrase” is prohibited**

# ① Creating Keys on PC (2/3)

```
$ cd ~/.ssh
```

```
$ ls
```

```
id_rsa           ⇒秘密鍵 (Private Key)  
id_rsa.pub       ⇒公開鍵 (Public Key)
```

```
$ cat id_rsa.pub
```

```
ssh-rsa
```

```
AAAAB3NzaC1yc2EAAAADAQABAAQDA6Inm0YYaCrWjQDukjiNEfdW8veUwJyZtEI3oDu0A28  
eey6p0wbtI7JB09xnI1707HG4yYv0M81+/nIAHy5tAfJly0dsPzjTgdTBLdgi3cSf5pWEY6U96  
yaEr0Ei8Wge1HkXrhcwUjGDVTzvT0Refe6zLdRziL/KNmmesSQfR5lsZ/ihsjMgFxGaKsHHq/I  
ErCtHIIf9V/Ds2yj6vkAaWH6asBn+ZsRiRFvwHPhkYAnp/j3LY6b8Qfqg0p4WZRenh/HgySWT  
YIGi8x67VzMaUIm9qIK0QFMCaK2rivX1fmbwyWJ/vrWDqiek6YXoxLDu+GPeQ4CPvxJcZnqF9g  
f3 nakajima@KNs-NEW-VAIO
```

# ① Copying the Public Key (3/3)

```
$ cd .ssh
```

```
$ ls
```

```
id_rsa
id_rsa.pub
```

```
$ cat id_rsa.pub
```

## Procedures

- `cat id_rsa.pub` <Return↓>
- setting the cursor on “ssh-rsa”
- selecting from “ssh-rsa” to “f3” on the last line and “copy”
- **You can include “nakaima@KNs-NEW-VAIO”, but registration may fail if multi-byte characters are there (This info. may not appear in certain OS)**

```
ssh-rsa
```

```
AAAAB3NzaC1yc2EAAAADAQABAAQDA6Inm0YYaCrWjQDukjiNEfdW8veUwJyZtEI3oDu0A28
eey6p0wbtI7JB09xnI1707HG4yYv0M81+/nIAHy5tAfJly0dsPzjTgdTBLdgi3cSf5pWEY6U96
yaEr0Ei8Wge1HkXrhcwUjGDVTzvT0Refe6zLdRziL/KNmmesSQfR5lsZ/ihsjMgFxGaKsHHq/I
ErCtHIIf9V/Ds2yj6vkAaWH6asBn+ZsRiRFvwHPhkYAnp/j3LY6b8Qfqg0p4WZRenh/HgySWT
YIGi8x67VzMaUlm9qIK0QFMCaK2rivX1fmbwyWJ/vrWDqiek6YXoxLDu+GPeQ4CPvxJcZnqF9g
f3 nakajima@KNs-NEW-VAIO
```

## ② Accessing the Portal Site (1/3)

- Please prepare 2 e-mails from me
- Info-1
  - User ID: t18XYZ
- Info-2
  - Initial Password (8-Characters): e.g. Pas#w0rd

# System Information/Portal Site

- 日本語
  - <https://wisteria-www.cc.u-tokyo.ac.jp/cgi-bin/hpcportal.ja/index.cgi>
  - <https://www.cc.u-tokyo.ac.jp/supercomputer/wisteria/service/>
- English
  - <https://wisteria-www.cc.u-tokyo.ac.jp/cgi-bin/hpcportal.en/index.cgi>

## ② Accessing the Portal Site (2/3)

<https://wisteria-www.cc.u-tokyo.ac.jp/cgi-bin/hpcportal.en/index.cgi>

The screenshot shows a web browser window with the following elements:

- Browser Tabs:** "Oakbridge-CX スーパーコンピュータ" and "Oakbridge-CX User Portal".
- Address Bar:** "https://obcx-www.cc.u-tokyo.ac.jp/cgi-bin/hpcportal.en/index.cgi".
- Page Title:** "Wisteria User Portal".
- Language Selector:** "[ English/Japanese ]".
- Login Section:**
  - Text: "Enter user ID and password then click [Login] button".
  - User ID Field:** A text input field containing "user ID" (highlighted in pink).
  - Password Field:** A text input field containing a masked password (highlighted in yellow).
  - Buttons:** "Login" and "Reset".
- Instructions:**
  - Text: "Please".
  - User ID:** "User ID (t18XYZ)" (highlighted in pink).
  - Password:** "Initial Password with 8 Characters" (highlighted in yellow).
- System Requirements:**
  - Su
  - Internet Explorer 11 and over
  - Microsoft Edge 44 and over
  - Safari 12.0.2 and over
  - Firefox 66 and over
  - Google Chrome 72 and over
- Footer:** "Copyright 2019 FUJITSU LIMITED".

The Windows taskbar at the bottom shows the time as 15:00 on 2020/04/12.

## ② Changing Initial Password (2/3)

Wisteria User Portal Logout

### Change Password

Only Oakbridge-CX User Portal password is supported by this function.

Current password	<input type="password"/>
New password	<input type="password"/>
New password(re-enter)	<input type="password"/>

Initial Password (8 Char's)

Type New Password (Twice)

### Password Policy

- ✓ at least eight characters in length
- ✓ should not contain three or more characters from current password
- ✓ should not be the same as the past 2 times.
- ✓ should contain all character types of lower case letters, upper case letters, arabic numbers, and special characters
- ✓ special characters can be used are as follow:  
blank, !, ", #, \$, %, &, ', (, ), \*, +, ,, -, ., /, :, ;, <, =, >, ?, @, [, ¥, ], ^, \_, ` , {, |, }, ~,
- ✓ not a name or linux dictionary word
- ✓ do not contain multi-byte characters

# ③ Registration of the Public Key (id\_rsa.pub)

Oakbridge-CX User Portal

Wisteria User Portal

Information

SSH Public Key

E-mail

Password

Token usage

Disk usage

Prepost reservation

Document

OSS

Registered Public-keys

Kengon@Kengon-VAIO

Registration Method

Direct Input

File Upload

1. Select “SSH Public Key” Menu

2. Paste the “id\_rsa.pub”

3. Click “Register”

```
ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAQDA6InmOYYaCrWjQDukjiNEfdW8veUwJ
yZtEI3oDu0A28eey6p0wbtI7JB09xnI1707HG4yYvOM81+/nIAHy5tAfJly0d
sPzjTgdTBLdgi3cSf5pWEY6U96yaErOEi8Wge1HkXrhcwUjGDVTzvT0Ref6z
LdRziL/KNmmesSQfR5IsZ/ihsjMgFxFxGaKsHHq/IErCtHIIIf9V/Ds2yj6vkAa
WH6asBn+ZsRiRFvwHPhkYAnp/j3LY6b8QfqqOp4WZRenh/HgySWTYIGi8x67V
zMaUlm9qIKOQFMCaK2rivrX1fmbwyWJ/vrWDqiek6YXoxLDu+GPeQ4CPvxJcZn
qF9gf3
```

Register

Notice for registering public-key.  
\* Line feed codes should not be included.

Copyright 2019 FUJITSU LIMITED

15:05  
2020/04/12

# ③ Registration of the Public Key (id\_rsa.pub): Direct Upload (1/4)

Oakbridge-CX User Portal x +

https://obcx-www.cc.u-tokyo.ac.jp/cgi-bin/hpcportal\_gm.en/index.cgi

Wisteria User Portal Group Manage Logout

Information

SSH Public Key

E-mail

Password

Token usage

Disk usage

Prepost reservation

Document

OSS

Registered Public-keys Kengon@Kengon-VAIO ssh

Registration Method

Direct Input

File Upload

SSH Public-key

参照... ファイルが選択されていません。

RSA DSA ECDSA256 Ed25519

ファイルが選択されていません。

Register

Notice for registering public-key.

- \*Select appropriate method of encryption.
- \*RSA Public-key should be encrypted with 2048 bit.
- \*DSA Public-key should be encrypted with 1024 bit.
- \*ECDSA Public-key should be encrypted with 256 bit.
- \*Ed25519 Public-key should be encrypted with 256 bit.
- \*Invalid code such as full-length codes should not be included.

②: File Upload

③: RSA

# ③ Registration of the Public Key (id\_rsa.pub): Direct Upload (2/4)

Oakbridge-CX User Portal

https://obcx-www.cc.u-tokyo.ac.jp/cgi-bin/hpcportal\_gm.en/index.cgi

Wisteria User Portal Group Manage Logout

Information

SSH Public Key

E-mail

Password

Token usage

Disk usage

Prepost reservation

Document

OSS

Registered Public-keys

Kengon@Kengon-VAIO	ssh-rsa AAAAB3NzaC.....pWGVie6w==	表示	削除
--------------------	-----------------------------------	----	----

Registration Method

Direct Input

File Upload

SSH Public-key

参照... ファイルが選択されていません。

RSA  DSA  ECDSA256  Ed25519

ファイルが選択されていません。

Register

Notice for registering public-key.

- \*Select appropriate method of encryption (RSA or DSA or ECDSA or Ed25519.)
- \*RSA Public-key should be encrypted with over 2048 bit.
- \*DSA Public-key should be encrypted with over 1024 bit.
- \*ECDSA Public-key should be encrypted with 256 or 384 or 521 bit.
- \*Ed25519 Public-key should be encrypted with 256 bit.
- \*Invalid code such as full-length codes should not be included.

# ③ Registration of the Public Key (id\_rsa.pub): Direct Upload (3/4)

ファイルのアップロード

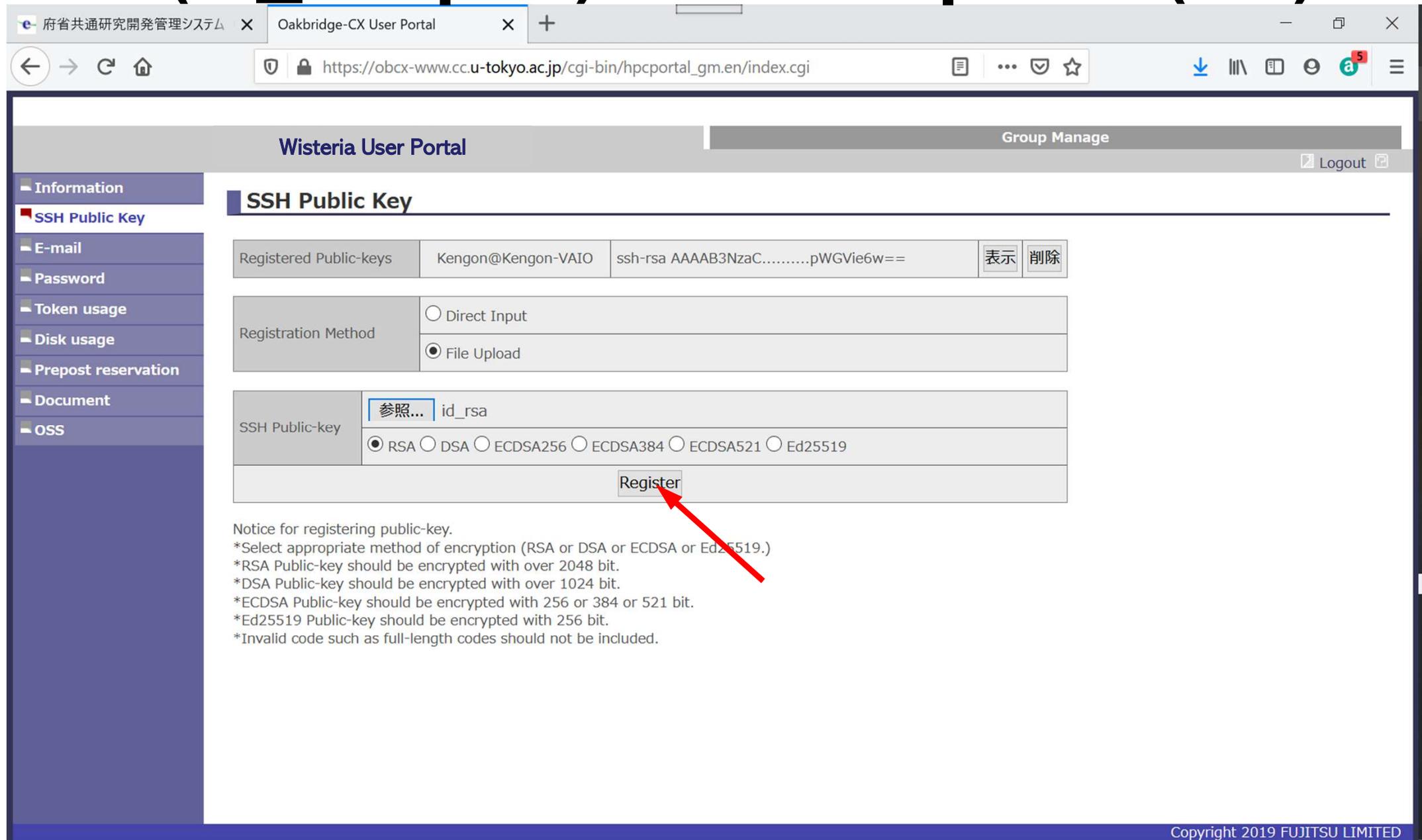
← → ↕ ↑ PC > ローカル ディスク (C:) > cygwin64 > home > nakajima > .ssh .sshの検索

整理 ▾ 新しいフォルダー

名前	更新日時	種類	サイズ
id_dsa	2012/12/12 17:00	ファイル	1 KB
id_rsa	2013/11/29 17:36	ファイル	2 KB
known_hosts	2020/05/08 13:30	ファイル	8 KB
known_hosts	2017/07/26 17:37	1~ ファイル	1 KB
known_hosts	2018/11/29 17:06	ファイル	6 KB

¥cygwin64¥home¥XXXX¥.ssh¥id\_rsa.pub

# ③ Registration of the Public Key (id\_rsa.pub): Direct Upload (4/4)



府省共通研究開発管理システム x Oakbridge-CX User Portal x +

https://obcx-www.cc.u-tokyo.ac.jp/cgi-bin/hpcportal\_gm.en/index.cgi

Wisteria User Portal Group Manage Logout

## SSH Public Key

Registered Public-keys	Kengon@Kengon-VAIO	ssh-rsa AAAAB3NzaC.....pWGVie6w==	表示	削除
------------------------	--------------------	-----------------------------------	----	----

Registration Method

Direct Input

File Upload

SSH Public-key

id\_rsa

RSA  DSA  ECDSA256  ECDSA384  ECDSA521  Ed25519

Notice for registering public-key.

- \*Select appropriate method of encryption (RSA or DSA or ECDSA or Ed25519.)
- \*RSA Public-key should be encrypted with over 2048 bit.
- \*DSA Public-key should be encrypted with over 1024 bit.
- \*ECDSA Public-key should be encrypted with 256 or 384 or 521 bit.
- \*Ed25519 Public-key should be encrypted with 256 bit.
- \*Invalid code such as full-length codes should not be included.

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# ④ Login to Odyssey from PC (1/2) Initial

```
$ ssh t18XYZ@wisteria.cc.u-tokyo.ac.jp 
```

The authenticity of host 'wisteria.cc.u-tokyo.ac.jp' can't be established.  
ECDSA key fingerprint is SHA256:/XXXXX ...

Are you sure you want to continue connecting (yes/no/[fingerprint])?

Warning: Permanently added 'wisteria.cc.u-tokyo.ac.jp' to the list of known hosts.  
Enter passphrase for key '/home/nakajima/.ssh/id\_rsa':

1. `ssh t18XYZ@wisteria.cc.u-tokyo.ac.jp` <Return>
2.  <Return>
3.  <Return>

# ④ Login to Odyssey from PC (1/2) after 2<sup>nd</sup> Login

```
$ ssh t18XYZ@wisteria.cc.u-tokyo.ac.jp 
```

```
Enter passphrase for key '/home/nakajima/.ssh/id_rsa':  
```

1. `ssh t18XYZ@wisteria.cc.u-tokyo.ac.jp` <Return>
2.  <Return>

# ④ Login to Odyssey from PC (2/2)

Wisteria/BDEC-01 Information

Date: May. 14, 2021

Welcome to Wisteria/BDEC-01 system

## \* Operation Schedule

05/14 (Fri)	10:00	-	05/28 (Fri)	09:00	Normal Operation
05/24 (Mon)	09:00	-	05/24 (Mon)	17:00	HPC Challenge (Odyssey)
05/28 (Fri)	09:00	-	05/28 (Fri)	22:00	System Maintenance
05/28 (Fri)	22:00	-			Normal Operation

Schedule of future maintenance etc. will be displayed

For more information about this service, see  
<https://www.cc.u-tokyo.ac.jp/supercomputer/schedule.php>

## \* How to use

Users Guide can be found at the User Portal (<https://wisteria-www.cc.u-tokyo.ac.jp/>).

If you have any questions, please refer to the following URL and contact us:

<https://www.cc.u-tokyo.ac.jp/supports/contact/>

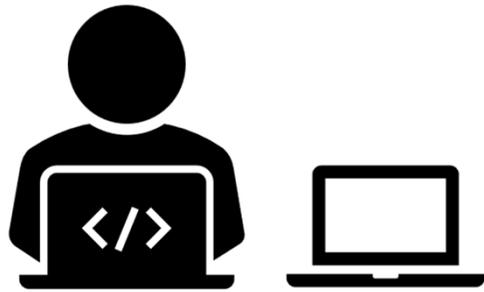
Please DO NOT contact this URL if you have questions

Last login: Mon May 17 10:04:54 2021 from 133.11.59.131

[t00XYZ@wisteria06 ~]\$

# SSH Public Key Authentication (1/4)

## ① Creating Keys on PC



```
$> ssh-keygen -t rsa
```

**id\_rsa**

秘密鍵/Private Key

+ Passphrase

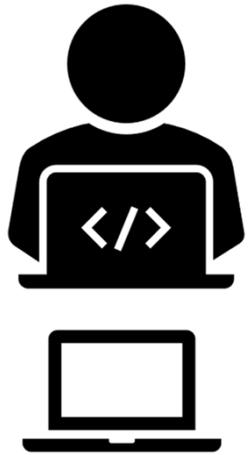
**id\_rsa.pub**

公開鍵/Public Key



# SSH Public Key Authentication (2/4)

## ② Accessing the Portal Site



**tXYZZZ**  
+ Password

Portal Site  
OBCX



**tABCCC**  
+ Password

Portal Site  
Wisteria



**id\_rsa**  
秘密鍵/Private Key

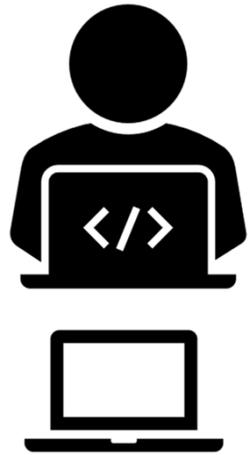
+ Passphrase

**id\_rsa.pub**  
公開鍵/Public Key

# SSH Public Key Authentication (3/4)

## ③ Registration of the Public Key

Each Public Key can be installed to multiple systems



**id\_rsa**  
秘密鍵/Private Key

+ Passphrase

**id\_rsa.pub**  
公開鍵/Public Key

Portal Site  
OBCX



**id\_rsa.pub**  
公開鍵/Public Key

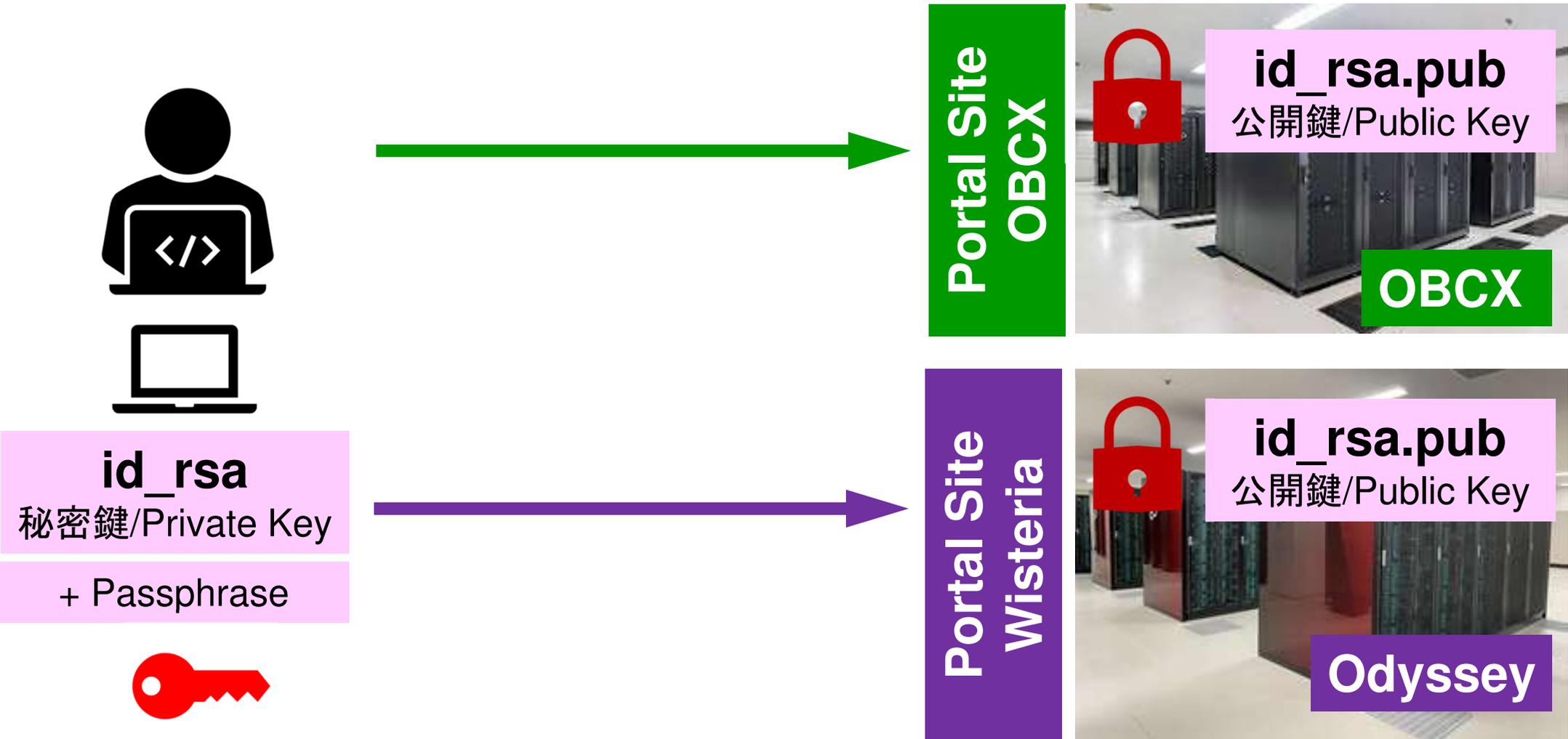
Portal Site  
Wisteria



# SSH Public Key Authentication (3/4)

## ③ Registration of the Public Key

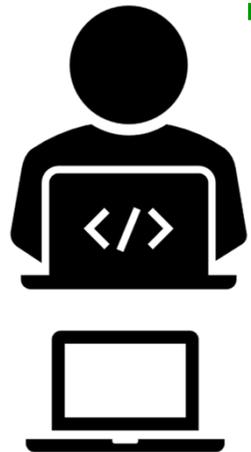
Each Public Key can be installed to multiple systems



# SSH Public Key Authentication (4/4)

## ④ Login to Odyssey etc. from PC

Private Key (id\_rsa) + Passphrase



```
$> ssh tXYZZZ@obcx.cc.u-tokyo.ac.jp
```

**id\_rsa**  
秘密鍵/Private Key  
+ Passphrase



```
$> ssh tABCCC@ofp.jcahpc.jp
```

**id\_rsa**  
秘密鍵/Private Key  
+ Passphrase



# SSH Public Key Authentication

## SSH公開鍵認証

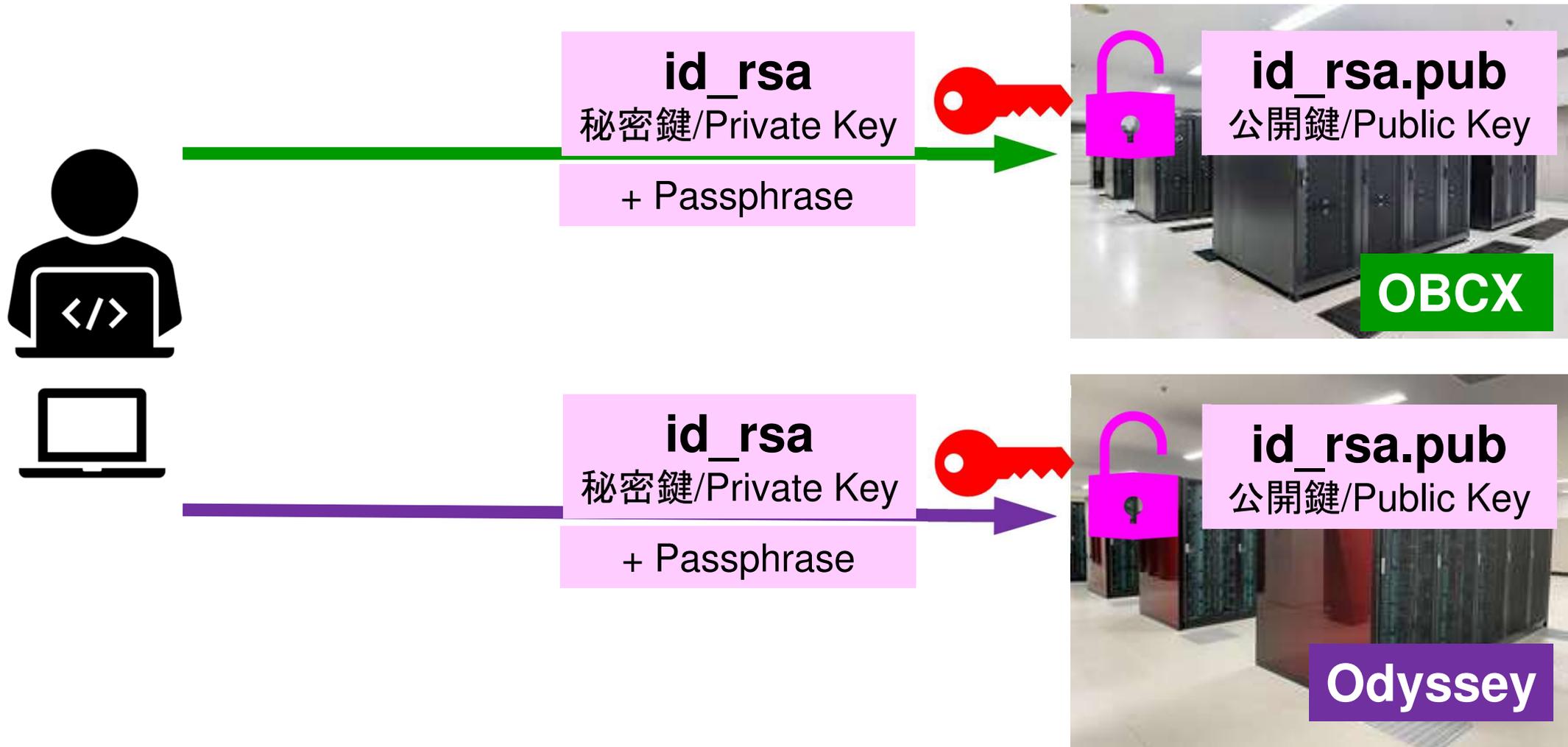
SSH= Secure Shell

- **id\_rsa**
  - Private Key (秘密鍵) on Your PC
  - Keep it confidential ! (e.g. do not give it to others, do not copy, do not move etc.)
- **id\_rsa.pub**
  - Public Key (公開鍵) on Supercomputers
  - You can copy, can send it to others via e-mail etc.
- If the info of the Private Key on your PC and Public Key on the supercomputer matches, you can login.
- **If you have multiple PC's, please create individual set of (Private/Public) keys on each PC**
  - You can register multiple Public Key's on Supercomputer

# SSH Public Key Authentication (4/4)

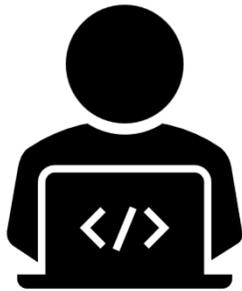
## ④ Login to Odyssey etc. from PC

Private Key (id\_rsa) + Passphrase



# If you use multiple PC's, you need to create a pair of keys (private/public) on EACH PC !!

```
$> ssh-keygen -t rsa
```



**id\_rsa**  
秘密鍵/Private Key

+ Passphrase

**id\_rsa.pub**  
公開鍵/Public Key

**id\_rsa**  
秘密鍵/Private Key

+ Passphrase

**id\_rsa.pub**  
公開鍵/Public Key

Portal Site  
OBCX



Portal Site  
Wisteria



# Multiple public-keys can be registered !

Oakbridge-CX User Portal

https://obcx-www.cc.u-tokyo.ac.jp/cgi-bin/hpcportal\_u.en/index.cgi

Wisteria User Portal

Information

SSH Public Key

E-mail

Password

Token usage

Disk usage

Prepost reservation

Document

OSS

### SSH Public Key

Registered Public-keys		表示	削除
ssh-rsa AAAAB3NzaC.....JcZnqF9gf3		表示	削除
ssh-rsa AAAAB3NzaC.....pWGVie6w==		表示	削除

Registration Method

Direct Input

File Upload

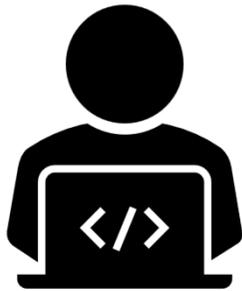
Register

Copyright 2019 FUJITSU LIMITED

15:05  
2020/04/12

# Multiple public-keys can be registered !

```
$> ssh-keygen -t rsa
```



**id\_rsa**  
秘密鍵/Private Key

+ Passphrase

**id\_rsa.pub**  
公開鍵/Public Key



**id\_rsa**  
秘密鍵/Private Key

+ Passphrase

**id\_rsa.pub**  
公開鍵/Public Key

Portal Site  
OBCX



**id\_rsa.pub**  
公開鍵/Public Key



**id\_rsa.pub**  
公開鍵/Public Key

Portal Site  
Wisteria



**id\_rsa.pub**  
公開鍵/Public Key



**id\_rsa.pub**  
公開鍵/Public Key

- Supercomputers in ITC/U.Tokyo
  - Information Technology Center, The University of Tokyo
- Login to Odyssey
- **After Login**

# Login to Wisteria from PC

```
$ ssh t18XYZ@wisteria.cc.u-tokyo.ac.jp  
Enter passphrase for key '/home/nakajima/.ssh/id_rsa: Your Passphrase <Return↓>
```

1. `ssh t18XYZ@wisteria.cc.u-tokyo.ac.jp` <Return↓>
2. **Your Passphrase** <Return↓>

# After Login ...

```
$ pwd <Return↓>
```

```
/home/t18XYZ
```

```
$ cd /work/gt18/t18XYZ <Return↓>
```

```
$ pwd <Return↓>
```

```
/work/gt18/t18XYZ
```

```
$ cd <Return↓>
```

```
$ pwd <Return↓>
```

```
/home/t18XYZ
```

1. **“/home/t18XYZ” is the default login directory**
2. **Because capacity of /home is very small, please move to “/work/gt18/t18XYZ”**
3. **You can go back to /home/t18XYZ by typing “cd”**

# Copy: PC to Wisteria-Odyssey (W-O)

```
$ scp ./a.dat t18XYZ@wisteria.cc.u-tokyo.ac.jp: 
```

“a.dat” in the Current Directory of PC is copied to /home/t18XYZ on W-0

```
$ scp ./a.dat t18XYZ@wisteria.cc.u-tokyo.ac.jp:/work/gt18/t18XYZ/test/
```

“a.dat” in the Current Directory of PC is copied to /work/gt18/t18XYZ/test on W-0

```
$ scp -r ./testL t18XYZ@wisteria.cc.u-tokyo.ac.jp:
```

“testL” directory in the Current Directory of PC and its contents are copied to /home/t18XYZ on W-0

```
$ scp -r ./testL t18XYZ@wisteria.cc.u-tokyo.ac.jp:/work/gt18/t18XYZ/test
```

“testL” directory in the Current Directory of PC and its contents are copied to /work/gt18/t18XYZ/test on W-0

# Copy: W-0 to PC

```
$ scp t18XYZ@wisteria.cc.u-tokyo.ac.jp:~/a.dat ./
```

“a.dat” on /home/t18XYZ on W-0 is copied to the Current Directory of PC

```
$ scp t18XYZ@wisteria.cc.u-tokyo.ac.jp:/work/gt18/t18XYZ/test/a.dat ./
```

“a.dat” on /work/gt18/t18XYZ/test on W-0 is copied to the Current Directory of PC

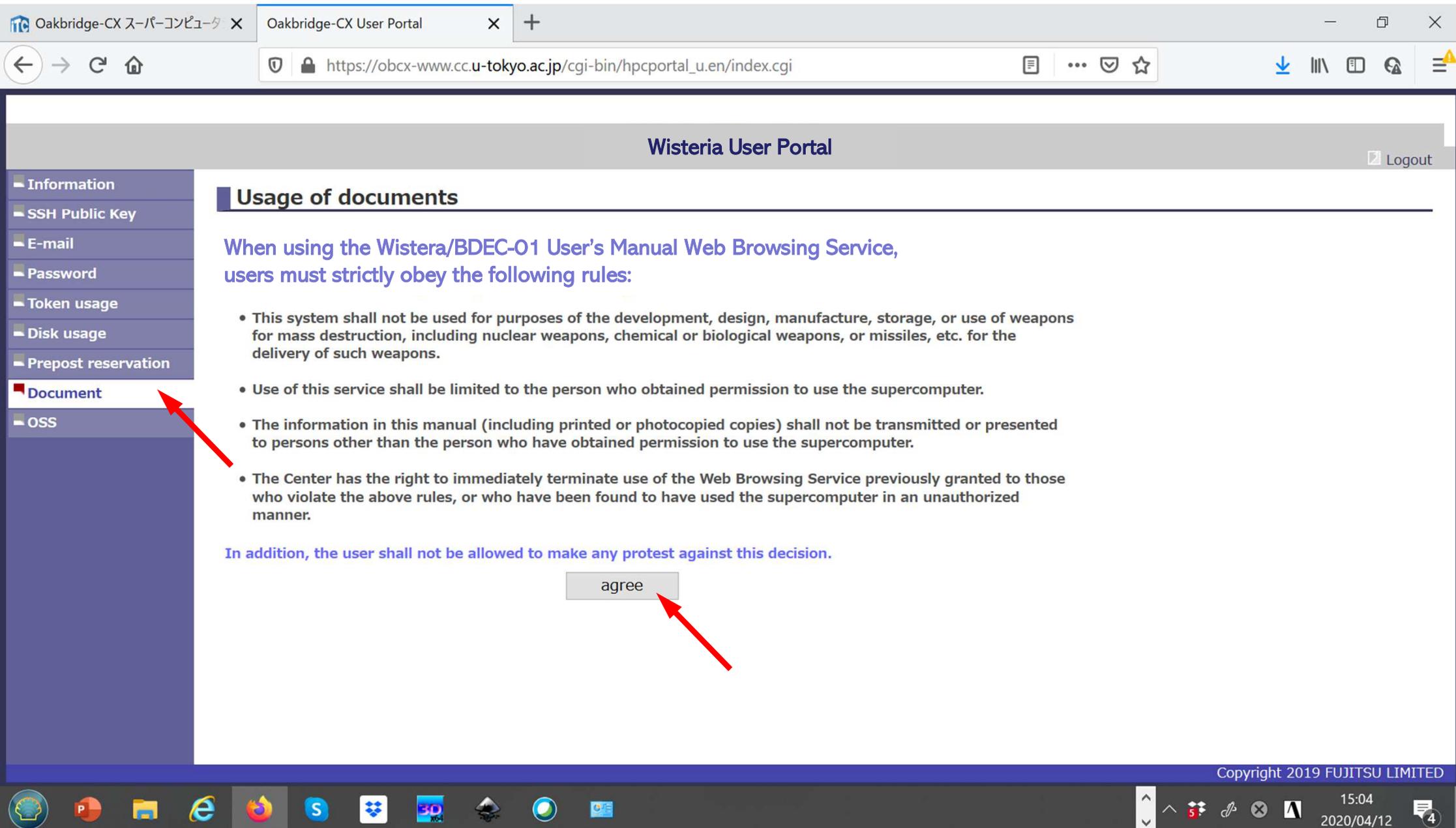
```
$ scp -r t18XYZ@wisteria.cc.u-tokyo.ac.jp:~/L1 ./
```

“L1” directory in /home/t18XYZ on W-0 and its contents are copied to “L1” directory in the Current Directory on PC

```
$ scp -r t18XYZ@wisteria.cc.u-tokyo.ac.jp:/work/gt18/t18XYZ/test/L1 ./
```

“L1” directory in /work/gt18/t18XYZ/test on W-0 and its contents are copied to “L1” directory in the Current Directory on PC

# Manuals on the Portal Site



Oakbridge-CX User Portal

https://obcx-www.cc.u-tokyo.ac.jp/cgi-bin/hpcportal\_u.en/index.cgi

## Wisteria User Portal

Logout

- Information
- SSH Public Key
- E-mail
- Password
- Token usage
- Disk usage
- Prepost reservation
- Document**
- OSS

### Usage of documents

When using the Wisteria/BDEC-01 User's Manual Web Browsing Service, users must strictly obey the following rules:

- This system shall not be used for purposes of the development, design, manufacture, storage, or use of weapons for mass destruction, including nuclear weapons, chemical or biological weapons, or missiles, etc. for the delivery of such weapons.
- Use of this service shall be limited to the person who obtained permission to use the supercomputer.
- The information in this manual (including printed or photocopied copies) shall not be transmitted or presented to persons other than the person who have obtained permission to use the supercomputer.
- The Center has the right to immediately terminate use of the Web Browsing Service previously granted to those who violate the above rules, or who have been found to have used the supercomputer in an unauthorized manner.

In addition, the user shall not be allowed to make any protest against this decision.

agree

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**If you have any questions, please  
contact KN (Kengo Nakajima)**

**nakajima(at)cc.u-tokyo.ac.jp**

**Do not contact ITC support directly.**

**It is strictly prohibited to use the  
Wisteria/BDEC-01 system for  
purposes other than this class.**

**You cannot use Aquarius (GPU part).**